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| **opis predmetu zákazky** |

Obsah

[Definícia predmetu zákazky: 3](#_Toc109753023)

[1. Špecifikácia pozáručného autorizovaného servisu IT technológií 3](#_Toc109753024)

[1.1 Špecifikácia HW a SW IBM a CSP 3](#_Toc109753025)

[1.2 Špecifikácia HW HP 32](#_Toc109753026)

[1.3 Špecifikácia produktov Cisco 35](#_Toc109753027)

[1.4 Špecifikácia produktov VMware 63](#_Toc109753028)

[1.5 Špecifikácia produktov F5 63](#_Toc109753029)

[1.6 Špecifikácia produktov FlowMon 64](#_Toc109753030)

[1.7 Špecifikácia produktov McAfee 64](#_Toc109753031)

[1.8 Špecifikácia produktov Radware 66](#_Toc109753032)

[1.9 Špecifikácia produktov Microsoft 67](#_Toc109753033)

[1.10 Špecifikácia produktov CA 67](#_Toc109753034)

[1.11 Špecifikácia pozáručného autorizovaného servisu IT technológií potrebných pre poskytovanie Služieb zvýšenia a udržiavania prevádzkovej bezpečnosti a Služieb rozšírenej podpory prevádzkovaných služieb 67](#_Toc109753035)

[2. Servisné služby pre IT technológie 67](#_Toc109753036)

[2.1 Správa aplikačných komponentov orchestračnej platformy 67](#_Toc109753037)

[2.2 Oblasť správy virtualizačnej platformy 67](#_Toc109753038)

[2.3 Oblasť bezpečnosti perimetrov 67](#_Toc109753039)

[2.4 Oblasť bezpečnosti 68](#_Toc109753040)

[2.5 Služby podpory IKT infraštruktúry 68](#_Toc109753041)

[2.6 Poskytovanie služieb vytvorenia/zmeny/zrušenia IaaS služieb 69](#_Toc109753042)

[2.7 Špecifikácia požiadaviek pre interné testovacie prostredie DCS 70](#_Toc109753043)

[2.8 Služby prevádzkovej podpory 70](#_Toc109753044)

[2.9 Konzultačné služby 71](#_Toc109753045)

[2.10 Inštalačné a konfiguračné práce 72](#_Toc109753046)

[2.11 Odborné konzultácie 73](#_Toc109753047)

[3. Služby Helpdesku 73](#_Toc109753048)

Predmetom zákazky „**Služby štandardnej podpory a údržby prostredia IKT infraštruktúry pre IaaS, časť 1“** je poskytovanie pozáručného autorizovaného servisu/podpory, servisných služieb pre IT technológie a Služby Helpdesku v lokalite BA Kopčianska pre hardvérové a softvérové produkty pre vybrané prevádzkované systémy. Požadovaná dĺžka poskytovania služieb je 24 mesiacov, v prípade uplatnenia opcie možné predĺženie poskytovania služieb o ďalších 24 mesiacov.

# Definícia predmetu zákazky:

Predmetom zákazky „Služby štandardnej podpory a údržby prostredia IKT infraštruktúry pre IaaS časť 1“ je poskytovanie služieb v rámci datacentra BA Kopčianska, ktoré zahŕňajú:

* **Pozáručný autorizovaný servis/podpora IT technológií** prevádzkovaných v priestoroch datacentra, ktoré je umiestnené v lokalite BA Kopčianska a ktorých zoznam a rozsah je uvedený v bode 1.
* **Servisné služby pre IT technológie,** ktorých zoznam a rozsah je uvedený v bode 2.
* **Služby Helpdesku,** ktorých zoznam a rozsah je uvedený v bode 3.

# Špecifikácia pozáručného autorizovaného servisu IT technológií

Predmetom zákazky je dodanie autorizovaného servisu zariadení jednotlivých IT technológií prevádzkovaných v dátovom centre BA Kopčianska, profylaktika, pravidelná údržba, diagnostika, odstraňovanie porúch a uvedenie nefunkčného zariadenia do prevádzky v súlade so servisnými predpismi výrobcu vrátane dopravy a dodávok náhradných dielov (servisné služby).

Zoznam IT technológií, pre ktoré objednávateľ požaduje dodanie pozáručného autorizovaného servisu a autorizované zabezpečenie odstránenia porúch pri jednotlivých zariadeniach vrátane definovaného SLA je uvedený v tomto dokumente nižšie. Poskytovateľ musí garantovať čas odstránenia poruchy, tak ako je uvedené.

V rámci servisu poskytovateľ zabezpečí odstránenie porúch na zariadeniach, výmenu chybných komponentov (v zmysle predmetu autorizovaného servisu detailizovaného nižšie) zariadenia tak, aby zariadenie uviedol do opätovnej plnohodnotnej prevádzky. Zároveň aplikuje servisné prehliadky podľa odporúčania výrobcu zamerané na základnú diagnostiku, implementovanie odporúčaných opráv mikrokódov, aktuálnych verzií operačných a riadiacich systémov za účelom odhalenia potenciálnych zdrojov porúch a vykonania potrebných servisných zásahov, s cieľom znížiť riziko poruchy zariadenia.

Poskytovateľ pre potreby opráv jednotlivých zariadení použije len komponenty, ktoré sú na tento účel odporučené, resp. certifikované výrobcom predmetného zariadenia.

Poskytovateľ vykonáva servisné služby na základe svojich zistení, odporúčaní výrobcu, nahlásenia poruchy objednávateľom alebo na základe objednávateľom potvrdeného odporúčania výrobcu. Objednávateľ bude nahlasovať poruchy alebo požiadavky na opravu zariadení telefonicky alebo elektronicky 24x7. Objednávateľ vykonáva nahlásenie poruchy a požiadavku na opravu prostredníctvom oprávnených zamestnancov dátového centra Ministerstva vnútra Slovenskej republiky.

Poskytovateľ prijme hlásenie poruchy a požiadavku na opravu. Súčasťou hlásení o poruche a požiadaviek bude minimálne:

* miesto požadovaného plnenia a meno zodpovedného zamestnanca objednávateľa, ktorý bude poskytovateľovi k dispozícii v mieste plnenia služby,
* predbežný rozsah poruchy alebo predpokladaný rozsah opravy, typ zariadenia, výrobné číslo, dátum a čas nahlásenia poruchy.

# Špecifikácia HW a SW IBM a CSP

**Tabuľka č.1 ZOZNAM IBM ZARIADENÍ 5x11xNBD** (dostupnosť supportu minimálne počas pracovných dní 11 hodín denne, nástup na opravu najneskôr nasledujúci pracovný deň od 7:00 do 18:00, resp. kompatibilné ekvivalenty, rešpektujúc záručné podmienky a plnú funkčnosť a nezmenené vlastnosti)

| **Popis** | **Typ** | **Model** | **Popis služby** | **Qty** | **Služba požadovaná do** |
| --- | --- | --- | --- | --- | --- |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.20242024 |
| V7000 SFF CONTROL | 2076 | 524 | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| 200GB 2.5 INCH FLASH DRIVE | 2076 | AHH1 | 24h Committed Fix,24x7 | 24 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 524 | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | AHH1 | 24h Committed Fix,24x7 | 24 | 31.12.2024 |
| V7000 SFF CONTROL | 2076 | 524 | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| 200GB 2.5 INCH FLASH DRIVE | 2076 | AHH1 | 24h Committed Fix,24x7 | 24 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 524 | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | AHH1 | 24h Committed Fix,24x7 | 24 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| 200GB 2.5 INCH FLASH DRIVE | 2076 | AHH1 | 24h Committed Fix,24x7 | 12 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | AHH1 | 24h Committed Fix,24x7 | 12 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| 200GB 2.5 INCH FLASH DRIVE | 2076 | AHH1 | 24h Committed Fix,24x7 | 12 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | AHH1 | 24h Committed Fix,24x7 | 12 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| 200GB 2.5 INCH FLASH DRIVE | 2076 | AHH1 | 24h Committed Fix,24x7 | 11 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | AHH1 | 24h Committed Fix,24x7 | 11 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| 200GB 2.5 INCH FLASH DRIVE | 2076 | AHH1 | 24h Committed Fix,24x7 | 11 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 2076 | AHH1 | 24h Committed Fix,24x7 | 11 | 31.12.2024 |
| V7000 SFF EXPANSION | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 2076 | 24F | 24h Committed Fix,24x7 | 1 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
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| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
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| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
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| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| POWER SYSTEM S822 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| 10-CORE 3.42 GHZ PROC CARD | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | 22A | 9x5 NBD | 1 | 31.12.2024 |
| Warranty Service Upgrade 810 | 8284 | EPXD | 9x5 NBD | 2 | 31.12.2024 |

**Tabuľka č.2 ZOZNAM SYSTÉMOVÉHO SOFTVÉRU IBM**

| **Popis** | **Model** | **Typ** | **Popis služby** | **Sériové číslo** | **Qty** | **Služba požadovaná do** |
| --- | --- | --- | --- | --- | --- | --- |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE 7000 EXP SW | 2076 | 24F | 7821D1G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D1G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D1G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D1L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D1L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D1N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D1N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D1V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D1V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D1V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D2X | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D2X | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D2X | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D2X | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D3B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D3B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3C | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D3C | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3C | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D3C | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3D | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D3D | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3D | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D3D | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D3G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D3G | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D3L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D3L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D3L | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D4F | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D4F | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D4F | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D4F | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D4P | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D4P | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D4P | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D4P | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D4V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D4V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D4V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D4V | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D5N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D5N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D5N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D5N | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D6A | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D6A | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D6A | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D6A | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D7B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D7B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D7B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D7B | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D7Z | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D7Z | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D7Z | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D7Z | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D8T | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821D8T | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821D8T | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821D8T | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DCC | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DCC | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DCC | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DCC | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DCF | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DCF | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DCF | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DCF | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DCV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DCV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DCV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DCV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDT | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDT | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDT | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDT | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDY | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDY | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDY | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDY | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDZ | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DDZ | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DDZ | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DDZ | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEB | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DEB | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEB | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DEB | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DEN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DEN | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEP | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DEP | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEP | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DEP | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DER | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DER | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DER | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DER | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DET | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DET | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DET | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DET | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DEV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DEV | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DEW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DEW | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DEX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DEX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DEX | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DFA | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7821DFA | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7821DFA | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7821DFA | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7820Z5R | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Base | 2076 | 24F | 7820Z5R | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | SWMA STORWIZE V7000 EXP SW | 2076 | 24F | 7820Z5R | 1 | 31.12.2024 |
| Software Maintenance for Storwize V7000 EXP SW SWMAV7000ESW | 1 Chargeable Expansion Full Feature | 2076 | 24F | 7820Z5R | 1 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Power System Small Tier | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| Software Maintenance AIX Standard Edition | Software Maintenance for AIX Standard Edition | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | 20 chargeable processor(s) | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | Power System Small | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| Software Maintenance for IBM PowerVM Enterprise Edition | SWMA for PowerVM Enterprise Edition | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | 20 Chargeable per Processor Core | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | Power System Small Tier | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| SWMA PowerHA SystemMirror AIX Enterprise Edition | SWMA PowerHA SystemMirror AIX Enterprise Edition | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | SWMA for PowerVC Standard Edition | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | Power System Small Tier | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| SWMA For PowerVC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD28V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD29V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2AV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2CV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2DV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2EV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD2FV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD30V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD31V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD32V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD33V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD34V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD35V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD36V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD37V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD38V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD39V | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3AV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DD3CV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | SWMA POWERSC STD ED | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 Power System Small Tier | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| IBM PowerSC Standard Edition | 20 chargeable processor(s) | 8284 | 22A | 21DC5BV | 20 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD2AV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD33V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD35V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD34V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD29V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD28V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD2CV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD3BV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DC5BV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD2DV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD32V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD2BV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD38V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD3AV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD36V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD37V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD3CV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD39V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD2EV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD2FV | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD30V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard Drive Retention | 8284 | 22A | 21DD31V | 1 | 31.12.2024 |
| Hard drive retention option for System p GHDR SYSTEM P | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DCF | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D3L | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDY | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 524 | 7821ABA | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DEV | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDV | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DEW | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D1N | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DEP | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D1L | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDN | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D1G | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DET | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DFA | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D3D | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D4P | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDW | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D6A | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D3B | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DCC | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DCV | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D4F | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DEB | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D7Z | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D7B | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DER | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D3G | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DEX | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 524 | 7821CRD | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D2X | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D5N | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D8T | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDZ | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D3C | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDT | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DDX | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7820Z5R | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D4V | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821DEN | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard Drive Retention | 2076 | 24F | 7821D1V | 1 | 31.12.2024 |
| Hard drive and Flash memory retention option for Storage GHDR STORAGE | Hard drive retention option |  |  |  | 1 | 31.12.2024 |

**Tabuľka č.3 ZOZNAM SW LICENCIÍ a aplikačných nástrojov**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Popis** | **Popis služby** | **Part No.** | **Qty** | **Služba požadovaná do** |
| IBM Cloud Orchestrator Enterprise Resource Value Unit Lic | Renewal | E020CLL | 2488 | 31.12.2024 |
| Cloud service provisioner | Support | ATY0101 | 1 | 31.12.2024 |

**Tabuľka č.4 POPIS SERVISNÝCH SLUŽIEB IBM PRODUKTOV a aplikačných nástrojov**

| **Popis služby** |
| --- |
| 1. **Poskytovanie služby údržby IBM HW uvedeného vyššie v zozname Táto Služba pozostáva z nasledujúcich súčastí:**  * vzdialená asistencia objednávateľovi pri detekcii porúch (diagnostika problémov), * lokálne alebo vzdialene poskytovaná Služba údržby zameraná na diagnostiku alebo riešenie problémov v súlade s Kódom servisnej úrovne určeným v zozname produktov spôsobilých pre službu, * inštalácia dostupných SW pre monitorovanie zariadení IBM objednávateľa, za účelom: 1. zistenia a analyzovania trvalých chýb; 2. korelovania dočasných chýb; 3. identifikácie a nahlásenia problémov s médiami, * Servis poskytovaný špecialistami na technickú podporu z rôznych výrobných, vývojárskych a technických prevádzok spoločnosti IBM podľa jej uváženia, * naplánovanie, určenie časového rozvrhu a inštalácia technických zmien alebo objednaných zmien v mieste inštalácie potrebných na zlepšenie prevádzkyschopnosti, výkonu alebo bezpečnosti Spôsobilých strojov IBM, * pomoc objednávateľovi pri zriaďovaní a implementácii elektronických podporných prostriedkov, ako napríklad Elektronický prístup IBM, * aktivácia elektronických prostriedkov na vzdialenú diagnostiku, inštaláciu opráv a aktualizáciu Spôsobilých strojov IBM objednávateľa na účely použitia personálom IBM.   **Poskytnutá súčinnosť zo strany objednávateľa**:   * poskytne všetky súvisiace a dostupné diagnostické údaje, potrebné informácie pre riešenie a analýzu problému a zabezpečí adekvátne pracovné podmienky, vrátane miestnosti, techniky a prístupu k systému pre vykonanie lokálnej podpory, o ktoré bude požiadaný, * vymenuje technicky spôsobilých zástupcov (primárny technický kontakt) pre účely tejto služby. Primárny technický kontakt bude mať potrebné technické znalosti o prostredí objednávateľa, čo umožní efektívnu komunikáciu s poskytovateľom pri riešení problému, * každý problém nahlási na centrálne dispečerské pracovisko poskytovateľa, * pri riešení problémov a konfiguračných zmenách postupuje v súlade s doporučeniami výrobcu zariadení výpočtovej techniky, v prípade potreby poskytne zodpovednému pracovníkovi prístup do systému s právomocami správcu systému, * zaistí, aby všetky prístupové kódy poskytnuté objednávateľovi používali len jeho autorizovaní zamestnanci, * bude poskytovať súčinnosť pri nasadzovaní zmien v produkčnom prostredí. |
| 1. **Poskytovanie služby údržby IBM softvéru, ktoré sú uvedené v zozname služieb a pre ktoré má objednávateľ príslušné licencie:**  * sprístupní objednávateľovi najnovšiu komerčne dostupnú verziu, vydanie alebo aktualizáciu všetkých Spôsobilých programov pre Službu údržby softvéru. V prípade Spôsobilých programov na základe tejto Prílohy k voliteľným službám môže objednávateľ získať inovácie na ľubovoľnú novšiu komerčne dostupnú verziu, vydanie alebo aktualizáciu, * vzdialenú pomoc v reakcii na žiadosti objednávateľa súvisiace so: 1. základnými, krátkymi otázkami ohľadom inštalácie, používania a konfigurácie; 2. otázkami týkajúcimi sa publikácií k Programom; 3. otázkami týkajúcimi sa problémov s kódom, * posúdením diagnostických informácií, ktoré pomáhajú pri identifikácii príčiny problému (napríklad pomoc pri vyhodnocovaní dokumentácie k problému, ako sú napríklad sledovania a výpisy z pamäte pri problémoch s inštaláciou a pri problémoch súvisiacich s kódom), * informácie o dostupných opravných servisných balíkoch a opravách programov (PTF), na získanie ktorých má objednávateľ oprávnenie na základe podmienok licenčnej zmluvy medzi objednávateľom a výrobcom (IBM), * bude poskytovať vzdialenú pomoc telefonicky a ak to bude možné, prostredníctvom elektronického prístupu, a to len určeným pracovníkom technickej podpory informačných systémov objednávateľa počas Hlavnej pracovnej zmeny, * vyvinie komerčne primerané úsilie s cieľom telefonicky reagovať na servisné požiadavky objednávateľa do dvoch (2) hodín počas pracovných dní od 7:00 do 17:00.   **Poskytnutá súčinnosť zo strany objednávateľa**:   * poskytne všetky súvisiace a dostupné diagnostické údaje, potrebné informácie pre riešenie a analýzu problému a zabezpečí adekvátne pracovné podmienky, vrátane miestnosti, techniky a prístupu k systému pre vykonanie lokálnej podpory, o ktoré bude požiadaný, * vymenuje technicky spôsobilých zástupcov (primárny technický kontakt) pre účely tejto služby. Primárny technický kontakt bude mať potrebné technické znalosti o prostredí objednávateľa, čo umožní efektívnu komunikáciu s poskytovateľom pri riešení problému, * každý problém nahlási na centrálne dispečerské pracovisko poskytovateľa, * pri riešení problémov a konfiguračných zmenách postupuje v súlade s doporučeniami výrobcu zariadení výpočtovej techniky, v prípade potreby poskytne zodpovednému pracovníkovi prístup do systému s právomocami správcu systému, * zaistí, aby všetky prístupové kódy poskytnuté objednávateľovi používali len jeho autorizovaní zamestnanci, * bude poskytovať súčinnosť pri nasadzovaní zmien v produkčnom prostredí. |
| 1. **Servisné služby spojené s pozáručným autorizovaným servisom/podporou pre softvérový produkt CSP:**  * telefonicky, e-mail, resp. prostredníctvom servis desku pre nahlasovanie SW problémov, * krátke telefonické odpovede na základné otázky pri inštalácii/migrácii, návrhu/nastavení, ladení produktu/výkonnosti, zálohovaní/obnove dát a správe systému, * vysvetlenia k dokumentácii produktov, kompatibility produktov, príklady konfigurácie, * hľadanie v databáze problémov, * vzdialenú podporu pri určovaní príčin nekritických problémov (nesprávne parametre, konfiguračné a inštalačné chyby) v obmedzenom rozsahu, * prehľad diagnostických informácií, ktoré môžu zistiť príčinu problému, * informácie o plánovaných softvérových opravách, * doporučenia ohľadom opráv produktov, * podporu pri oprave chýb, * informácie o aktuálnom stave podporovaných produktov, nárok na aktuálne verzie podporovaných produktov.   **Poskytnutá súčinnosť zo strany objednávateľa:**   * fyzický prístup pracovníkov poskytovateľa do datových centier vládneho cloudu, prítomnosť odborného personálu, pre zmeny, úpravy, rozvoj alebo servis predmetnej časti IT infraštruktúry, * vzdialený sieťový prístup k IT infraštruktúre, v ktorej je umiestnená cloudová platforma pre pracovníkov poskytovateľa, * poskytne všetky súvisiace a dostupné diagnostické údaje, potrebné informácie pre riešenie a analýzu problému a zabezpečí adekvátne pracovné podmienky, vrátane miestnosti, techniky a prístupu k systému pre vykonanie lokálnej podpory, o ktoré bude požiadaný, * vymenuje technicky spôsobilých zástupcov (primárny technický kontakt) pre účely tejto služby. Primárny technický kontakt bude mať potrebné technické znalosti o prostredí objednávateľa, čo umožní efektívnu komunikáciu s poskytovateľom pri riešení problému, * každý problém nahlási na centrálne dispečerské pracovisko poskytovateľa, * pri riešení problémov a konfiguračných zmenách postupuje v súlade s doporučeniami výrobcu zariadení výpočtovej techniky, v prípade potreby poskytne zodpovednému pracovníkovi prístup do systému s právomocami správcu systému, * zaistí, aby všetky prístupové kódy poskytnuté objednávateľovi používali len jeho autorizovaní zamestnanci, * bude asistovať pri nasadzovaní zmien v produkčnom prostredí.   **Predmetom servisných služieb na pracovisku objednávateľa je zabezpečenie nasledovných činností prostredníctvom softvérového servisného špecialistu poskytovateľa**   * Prehliadky a konzultácie prostredníctvom softvérového servisného špecialistu poskytovateľa. Konzultácie týkajúce sa otázok zo strany objednávateľa (otázky inštalácie, používania a konfigurácie spôsobilých softvérových produktov, dokumentácie, problému s kódom, posúdenie diagnostických informácií):   + odporúčania na ich aktualizáciu,   + aplikácia fixov pre CSP. Predpokladom inštalácie fixov na produkčnom systéme je ich dôsledné otestovanie v testovacom prostredí. Pred inštaláciou fixov na produkčný systém objednávateľ potvrdí, že inštalácia fixov na produkčný systém môže byť vykonaná. Poskytovateľ zodpovedá za korektnú inštaláciu fixov, test funkcionality aplikácie a programov v novom prostredí je zodpovednosťou objednávateľa,   + kontrolu chybových záznamov (logov) a návrh opatrení na odstránenie chýb,   + sprostredkovanie prenosu vedomostí o administrácii obslužnému personálu objednávateľa formou informácií o postupoch pri zmenách konfigurácie,   + asistencia a konzultácie pri zabezpečení bezporuchovej prevádzky CSP,   + identifikovanie kompatibility s inými softvérovými produktmi. * Podmienky pre riešenie softvérových problémov:   + Poskytovateľ začne riešiť problém na základe písomnej požiadavky na riešenie problému zo strany objednávateľa a popisu softvérového problému. Po zaregistrovaní požiadavky bude technický špecialista poskytovateľa riešiť softvérový problém na špecifikovanom mieste.   + Špecialista poskytovateľa bude vykonávať nasledujúce aktivity: * asistuje pri identifikácii zdroja problému a jeho riešenia, * prezrie znalostné databázy výrobcu spôsobilého SW produktu, či neobsahujú záznam o obdobných problémoch a prípadných fixoch, * pripraví dokumentáciu k problému (výpisy pamäte, výpisy log súborov), * na kvartálnej báze vyhotoví prehľad o stave nahlásených problémov, * aplikuje fixy, ktoré by mohli viesť k vyriešeniu problému, pokiaľ sú tieto k dispozícii, * asistuje pri riešení problémov s výkonnosťou spôsobilého produktu. |

# Špecifikácia HW HP

**Tabuľka č.5 ZOZNAM HP ZARIADENÍ A SYSTÉMOVÉHO SOFTVÉRU**

| **Popis** | **Popis služby** | **Qty** | **Sériové číslo** | **Služba požadovaná do** |
| --- | --- | --- | --- | --- |
| HPE 3PAR StoreServ 7400 4-N Storage Base | DC, 24x7  DMR | 1 | CZ34433730 | 31.12.2024 |
| HPE 3PAR StoreServ 7400 4-N Storage Base | DC, 24x7  DMR | 1 | CZ35045423 | 31.12.2024 |
| HPE 3PAR StoreServ 7400 4-N Storage Base | DC, 24x7  DMR | 1 | CZ35116126 | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51302MR | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51302MP | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51302MQ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N0 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NF | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N9 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NQ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N7 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NB | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NC | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302ND | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N3 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N5 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N6 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N2 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N1 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NH | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NJ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NK | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N4 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302N8 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NG | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NL | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NM | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NN | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NP | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NR | 31.12.2024 |
| HP MDS 8/24c BladeSystem Fabric Switch | DC, NBD | 12 |  | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51302MS | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51302MV | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51302MT | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NS | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P3 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P7 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P8 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NZ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P0 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P1 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P2 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NW | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NX | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NY | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NV | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302NT | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P4 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P5 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P6 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302P9 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PB | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PC | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PD | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PF | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PG | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PH | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51302PJ | 31.12.2024 |
| HP MDS 8/24c BladeSystem Fabric Switch | DC, NBD | 12 |  | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51407SV | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51407ST | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51407S9 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SF | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SG | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SH | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SL | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SN | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SP | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SQ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SM | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SK | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SJ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SD | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SC | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SB | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SR | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51407SS | 31.12.2024 |
| HP MDS 8/24c BladeSystem Fabric Switch | DC, NBD | 8 |  | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51400MF | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51400MG | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZJ51400L2 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400KZ | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400KY | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L4 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400LC | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400LB | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L9 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L3 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L1 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L0 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400KX | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400KW | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L8 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L7 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L6 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZJ51400L5 | 31.12.2024 |
| HP MDS 8/24c BladeSystem Fabric Switch | DC, NBD | 8 |  | 31.12.2024 |
| HP StoreOnce 4900 60TB Backup System | DC, NBD | 1 | CZ3514V5PV | 31.12.2024 |
| HP DL380p -SFF CTO Server | DC, NBD | 1 | CZ3514V5R6 | 31.12.2024 |
| HP DL380p -SFF CTO Server | DC, NBD | 1 | CZ3514V5R8 | 31.12.2024 |
| HPE MSL6480 Scalable Base Module | DC, NBD | 1 | DEC51307A2 | 31.12.2024 |
| MS WS12 R2 Datacntr FIO Npi E/F/I/G/S SW | DC, NBD | 160 |  | 31.12.2024 |
| HP DL360p 8-SFF CTO Server | DC, NBD | 1 | CZ3443FCNX | 31.12.2024 |
| HP DL360p 8-SFF CTO Server | DC, NBD | 1 | CZ3443FCPJ | 31.12.2024 |
| HP DL380p 8-SFF CTO Server | DC, NBD | 1 | CZ3443FCNY | 31.12.2024 |
| HP DL380p 8-SFF CTO Server | DC, NBD | 1 |  | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZ3443FCP1 | 31.12.2024 |
| HP BLc7000 CTO 3 IN LCD Plat Enclosure | DC, NBD | 1 | CZ3443FCPM | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCP3 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCP4 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCP6 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCP8 | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPA | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPC | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPE | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPP | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPY | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPW | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPT | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCPR | 31.12.2024 |
| HP BL660c Gen8 10/20Gb FLB CTO Blade | DC, NBD | 1 | CZ3443FCR1 | 31.12.2024 |
| HP Data Prt drive ext UNIX/NAS/SAN E-LTU | SW support - zálohovanie | 8 |  | 31.12.2024 |
| HP Data Prot 61-250 Slots Library E-LTU | SW support - zálohovanie | 1 |  | 31.12.2024 |
| HP Data Prot Stater Pack Windows E-LTU | SW support - zálohovanie | 1 |  | 31.12.2024 |
| HP DP On-line Backup for Windows E-LTU HP DP | SW support - zálohovanie | 68 |  | 31.12.2024 |
| Advanced Backp to Disk 100TB E-LTU | SW support - zálohovanie | 2 |  | 31.12.2024 |
| HP DP On-line Backup for UNIX E-LTU | SW support - zálohovanie | 22 |  | 31.12.2024 |

**Tabuľka č.6 POPIS SERVISNÝCH SLUŽIEB HP ZARIADENÍ**

| **Označenie služby** | **Popis služby podpory** |
| --- | --- |
| **DC,24x7 DMR** | Služba podpory s **dobou odozvy do 4 hodín** od nahlásenia incidentu a pokrytím pre nahlasovanie požiadaviek **24hodín, 7dní v týždni**. V rámci služby požadujeme pokryť nárok na softvérové a firmvérové aktualizácie pre predmetné zariadenia. Platnosť pokrytia služby musí byť overiteľná u výrobcu predmetných zariadení (napríklad na web portáli výrobcu). Záznamové médiá zostávajú po výmene v majetku objednávateľa (**DMR**). V rámci tejto služby ďalej požadujeme nasledovné činnosti:   * Pridelenie výrobcom certifikovaných technických pracovníkov pre každú pokrytú platformu zariadení (servery, diskové polia, záznamové zariadenia, sieťové prvky) a pracovníka poskytujúceho primárny komunikačný bod pre technické otázky a koordináciu riešenia servisných incidentov, * Vytvorenie plánu podpory s polročnou periodicitou aktualizácie, vrátane polročných stretnutí spojených s vyhodnotením dodávania služby, jej kvalitou, zmenami a úpravami plánu, * Vytvorenie a následnú aktualizáciu dokumentácie prostredí, v ktorých sú dané zariadenia umiestnené, * Analýzu a manažment/aktualizáciu firmvérových a softvérových záplat predmetného prostredia a zariadení min. 2x ročne, * Preventívnu údržbu jeden krát ročne (platí len pre diskové polia), * Predplatený balík 8 hodín ročne na čerpanie prác expertov pre dané zariadenia podľa aktuálnej potreby. |
| **DC, NBD** | Služba podpory s **dobou odozvy nasledujúci pracovný deň** od nahlásenia incidentu a pokrytím pre nahlasovanie požiadaviek **v pracovnej dobe od 8:00 do 17:00 hod**. V rámci služby požadujeme pokryť nárok na softvérové a firmvérové aktualizácie pre predmetné zariadenia. Platnosť pokrytia služby musí byť overiteľná u výrobcu predmetných zariadení (napríklad na web portáli výrobcu) V rámci tejto služby ďalej požadujeme nasledovné činnosti:   * Pridelenie výrobcom certifikovaných technických pracovníkov pre každú pokrytú platformu zariadení (servery, diskové polia, záznamové zariadenia, sieťové prvky) a pracovníka poskytujúceho primárny komunikačný bod pre technické otázky a koordináciu riešenia servisných incidentov, * Vytvorenie plánu podpory s polročnou periodicitou aktualizácie, vrátane polročných stretnutí spojených s vyhodnotením dodávania služby, jej kvalitou, zmenami a úpravami plánu, * Vytvorenie a následnú aktualizáciu dokumentácie prostredí, v ktorých sú dané zariadenia umiestnené, * Analýzu a manažment/aktualizáciu firmvérových a softvérových záplat predmetného prostredia a zariadení min. 2x ročne, * Preventívnu údržbu jeden krát ročne (platí len pre diskové polia), * Predplatený balík 8 hodín ročne na čerpanie prác expertov pre dané zariadenia podľa aktuálnej potreby. |
| **SW support - zálohovanie** | Služby SW podpory pre zálohovací SW HP Dataprotector. Nahlasovanie požiadaviek **24hodín, 7dní v týždni**. V rámci služby požadujeme pokryť nárok na softvérové aktualizácie implementovaných funkcionalít zálohovacích systémov minimálne v rozsahu: (vid špecifikáciu licencíí). |
| **Riešenie SW incidentov tretích strán - voliteľné** | Služba podpory pri riešení incidentov spojených so softvérom tretích strán (Red Hat Enterprise Linux a Microsoft Windows Server 2012/2016). V rámci služby požadujeme priamu komunikáciu a spoluprácu poskytovateľa so SW podporou tretích strán, s nahlasovaním incidentov na podporné strediská výrobcov predmetných SW a poskytovanie podpory v rámci internej znalostnej bázy poskytovateľa a jeho certifikovaných odborníkov pre predmetné SW. (Zabezpečenie platnej podpory u výrobcu predmetného softvéru je v kompetencii objednávateľa) |

# Špecifikácia produktov Cisco

**Tabuľka č.7 POPIS SLUŽIEB CISCO PRODUKTOV**

| **Popis** | **Typ** | **Popis služby** | **Qty** | **Sériové číslo** | **Služba požadovaná do** |
| --- | --- | --- | --- | --- | --- |
| MDS 9148S 16G FC switch, w/ 48 active ports + 16G SW SFPs | DS-C9148S-D48PSK9 | SNTC 8X5XNBD | 1 | JPG191900WQ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9148S Accessory Kit for Cisco | DS-9148S-KIT-CSCO | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9100 Supervisor/Fabric-5, NX-OS Software Release 6.2.9 | M91S5K9-6.2.9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| DCNM for SAN License for MDS 9100 | DCNM-SAN-M91-K9 | SWSS UPGRADES | 1 | 2902J235AD6 | 31.12.2024 |
| Enterprise package license for 1 MDS9100 series switch | M9100ENT1K9 | SWSS UPGRADES | 1 | 2904J78E8FF | 31.12.2024 |
| MDS 9148S 16G FC switch, w/ 48 active ports + 16G SW SFPs | DS-C9148S-D48PSK9 | SNTC 8X5XNBD | 1 | JPG1919002A | 31.12.2024 |
| MDS 9148S Accessory Kit for Cisco | DS-9148S-KIT-CSCO | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9100 Supervisor/Fabric-5, NX-OS Software Release 6.2.9 | M91S5K9-6.2.9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| DCNM for SAN License for MDS 9100 | DCNM-SAN-M91-K9 | SWSS UPGRADES | 1 | 2902J74BF76 | 31.12.2024 |
| Enterprise package license for 1 MDS9100 series switch | M9100ENT1K9 | SWSS UPGRADES | 1 | 2904J39A747 | 31.12.2024 |
| Cisco FireSIGHT Management Center 3500 Chassis, 1U | FS3500-K9 | SNTC 8X5XNBD | 1 | BZPR42600086-C | 31.12.2024 |
| Cisco FireSIGHT 650W AC Power Supply | FS-PWR-AC-650W- | SNTC 8X5XNBD | 1 | E33446D1420001481 | 31.12.2024 |
| Cisco FireSIGHT 650W AC Power Supply | FS-PWR-AC-650W- | SNTC 8X5XNBD | 1 | E33446D1420001736 | 31.12.2024 |
| Cisco FireSIGHT Management Center 3500 Software License | FS3500-FSIGHT-LIC | SNTC 8X5XNBD | 1 | 7051JE75AB5 | 31.12.2024 |
| Cisco FireSIGHT Management Center 3500 Chassis, 1U | FS3500-K9 | SNTC 8X5XNBD | 1 | BZPR42800062-C | 31.12.2024 |
| Cisco FireSIGHT Management Center 3500 Software License | FS3500-FSIGHT-LIC | SNTC 8X5XNBD | 1 | 7051J782D80 | 31.12.2024 |
| Cisco FireSIGHT 650W AC Power Supply | FS-PWR-AC-650W- | SNTC 8X5XNBD | 1 | E33446D1420001724 | 31.12.2024 |
| Cisco FireSIGHT 650W AC Power Supply | FS-PWR-AC-650W- | SNTC 8X5XNBD | 1 | E33446D1420001825 | 31.12.2024 |
| Cisco FirePOWER 8350 Chassis, 2U, 7 Slots | FP8350-K9 | SNTC 8X5XNBD | 1 | JMX192480DD | 31.12.2024 |
| Cisco FirePOWER 8350 Control License | FP8350-CTRL-LIC | SNTC 8X5XNBD | 1 | 7051J276B72 | 31.12.2024 |
| FirePOWER 2-Port 10 Gbps SR Fiber Network Module with Bypass | FPNM-2SR-10G-BP | SNTC 8X5XNBD | 1 | 31-000115171407 | 31.12.2024 |
| FirePOWER 2-Port 10 Gbps SR Fiber Network Module with Bypass | FPNM-2SR-10G-BP | SNTC 8X5XNBD | 1 | 31-000115170653 | 31.12.2024 |
| Cisco FirePOWER 1000W AC Power Supply | FP-PWR-AC-1000W- | SNTC 8X5XNBD | 1 | 20150313P601226 | 31.12.2024 |
| Cisco FirePOWER 1000W AC Power Supply | FP-PWR-AC-1000W- | SNTC 8X5XNBD | 1 | 20150313P601181 | 31.12.2024 |
| Small Secure Network Server for ISE, NAC, & ACS Applications | SNS-3415-K9 | SNTC 8X5XNBD | 1 | FCH1915V2GP | 31.12.2024 |
| 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1600MHz | SNS-CPU-2609-E5 | SNTC 8X5XNBD | 1 | 2L515109A0668 | 31.12.2024 |
| ISE SNS Accessory Kit | ISE-SNS-ACCYKIT | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE974E | 31.12.2024 |
| Broadcom 5709 Dual Port 10/100/1Gb NIC w/TOE iSCSI | SNS-N2XX-ABPCI01 | SNTC 8X5XNBD | 1 | USS192200HO | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE96FD | 31.12.2024 |
| Trusted Platform Module for UCS servers | SNS-UCS-TPM | SNTC 8X5XNBD | 1 | FCH191774CE | 31.12.2024 |
| Embedded SW RAID 0/1/10, 8 ports SAS/SATA | SNS-RAID-ROM5 | SNTC 8X5XNBD | 1 | FCH19147NFS | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE974D | 31.12.2024 |
| Cisco ISE Software for the SNS-3415-K9 | SW-3415-ISE-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 600 GB Hard Disk Drive | SNS-600GB-HDD | SNTC 8X5XNBD | 1 | S0M5B905 | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE97AF | 31.12.2024 |
| 650W power supply for C-series rack servers + cord (configur | SNS-650W-PSU | SNTC 8X5XNBD | 1 | LIT19120XEW | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Small Secure Network Server for ISE, NAC, & ACS Applications | SNS-3415-K9 | SNTC 8X5XNBD | 1 | FCH1915V2GQ | 31.12.2024 |
| 2.4 GHz E5-2609/80W 4C/10MB Cache/DDR3 1600MHz | SNS-CPU-2609-E5 | SNTC 8X5XNBD | 1 | 2L515109A0918 | 31.12.2024 |
| Broadcom 5709 Dual Port 10/100/1Gb NIC w/TOE iSCSI | SNS-N2XX-ABPCI01 | SNTC 8X5XNBD | 1 | USS192200FM | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE9600 | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE95FC | 31.12.2024 |
| Trusted Platform Module for UCS servers | SNS-UCS-TPM | SNTC 8X5XNBD | 1 | FCH1915J9UT | 31.12.2024 |
| ISE SNS Accessory Kit | ISE-SNS-ACCYKIT | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Embedded SW RAID 0/1/10, 8 ports SAS/SATA | SNS-RAID-ROM5 | SNTC 8X5XNBD | 1 | FCH19107BHB | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE95FD | 31.12.2024 |
| Cisco ISE Software for the SNS-3415-K9 | SW-3415-ISE-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 600 GB Hard Disk Drive | SNS-600GB-HDD | SNTC 8X5XNBD | 1 | S0M5D88Q | 31.12.2024 |
| 4GB 1600 Mhz Memory Module | SNS-4GBSR-1X041RY | SNTC 8X5XNBD | 1 | S0EDE95FF | 31.12.2024 |
| 650W power supply for C-series rack servers + cord (configur | SNS-650W-PSU | SNTC 8X5XNBD | 1 | LIT19120XE0 | 31.12.2024 |
| Cisco FirePOWER 8350 Chassis, 2U, 7 Slots | FP8350-K9 | SNTC 8X5XNBD | 1 | JMX192480HB | 31.12.2024 |
| Cisco FirePOWER 1000W AC Power Supply | FP-PWR-AC-1000W- | SNTC 8X5XNBD | 1 | 20150413P601529 | 31.12.2024 |
| Cisco FirePOWER 1000W AC Power Supply | FP-PWR-AC-1000W- | SNTC 8X5XNBD | 1 | 20150413P601915 | 31.12.2024 |
| FirePOWER 2-Port 10 Gbps SR Fiber Network Module with Bypass | FPNM-2SR-10G-BP | SNTC 8X5XNBD | 1 | 31-000114491206 | 31.12.2024 |
| FirePOWER 2-Port 10 Gbps SR Fiber Network Module with Bypass | FPNM-2SR-10G-BP | SNTC 8X5XNBD | 1 | 31-000115170654 | 31.12.2024 |
| Cisco FirePOWER 8350 Control License | FP8350-CTRL-LIC | SNTC 8X5XNBD | 1 | 7051J65FF85 | 31.12.2024 |
| Nexus 9K ACI Spine, 36p 40G QSFP+ | N9K-C9336PQ | SNTC 8X5XNBD | 1 | SAL1920F3DW | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1833C0V8 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R2JM | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R1RX | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1833C0V9 | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K ACI Spine, 36p 40G QSFP+ | N9K-C9336PQ | SNTC 8X5XNBD | 1 | SAL1920F3D7 | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1833C0UV | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1833C0VA | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R2JN | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R1UW | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K ACI Spine, 36p 40G QSFP+ | N9K-C9336PQ | SNTC 8X5XNBD | 1 | SAL1920F3F8 | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1836B0WZ | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R1RM | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1836B0X0 | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R1QD | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K ACI Spine, 36p 40G QSFP+ | N9K-C9336PQ | SNTC 8X5XNBD | 1 | SAL1920F3DF | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1833C0VD | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R1SN | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 Fan 3, Port-side Exhaust | N9K-C9300-FAN3-B | SNTC 8X5XNBD | 1 | DCH1833C0VC | 31.12.2024 |
| Nexus 9300 1200W AC PS, Port-side Exhaust | N9K-PAC-1200W-B | SNTC 8X5XNBD | 1 | DCH1836R1Q9 | 31.12.2024 |
| Catalyst 4500-X 16 Port 10G IP Base, Back-to-Front, No P/S | WS-C4500X-F-16SFP+ | SNTC 8X5XNBD | 1 | JAE192209W1 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918A85B | 31.12.2024 |
| CEE 7/7 to IEC-C15 8ft Europe | CAB-CEE77-C15-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922474X | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEP3 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEN3 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918A86A | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM19224751 | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922474W | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922474Y | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918A868 | 31.12.2024 |
| CAT4500-X Universal Crypto Image | S45XUK9-37E | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM19224736 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918A85F | 31.12.2024 |
| Catalyst 4500X 750W AC back to front cooling power supply | C4KX-PWR-750AC-F | SNTC 8X5XNBD | 1 | ART1916X08W | 31.12.2024 |
| Catalyst 4500X 750W AC back to front cooling 2nd PWR supply | C4KX-PWR-750AC-F/2 | SNTC 8X5XNBD | 1 | ART1916X08Z | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM19224750 | 31.12.2024 |
| Catalyst 4500X Network Module Blank | C4KX-NM-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922474Z | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918A85G | 31.12.2024 |
| IP Base license for Catalyst 4500-X | C4500X-IPB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922474T | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918A85E | 31.12.2024 |
| Catalyst 4500-X 16 Port 10G IP Base, Back-to-Front, No P/S | WS-C4500X-F-16SFP+ | SNTC 8X5XNBD | 1 | JAE192209XW | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEPB | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AENG | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AENC | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494R | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494W | 31.12.2024 |
| IP Base license for Catalyst 4500-X | C4500X-IPB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM19224950 | 31.12.2024 |
| Catalyst 4500X Network Module Blank | C4KX-NM-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494Z | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEPD | 31.12.2024 |
| CAT4500-X Universal Crypto Image | S45XUK9-37E | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEN4 | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494U | 31.12.2024 |
| Catalyst 4500X 750W AC back to front cooling 2nd PWR supply | C4KX-PWR-750AC-F/2 | SNTC 8X5XNBD | 1 | ART1916X083 | 31.12.2024 |
| CEE 7/7 to IEC-C15 8ft Europe | CAB-CEE77-C15-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494Y | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEND | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494X | 31.12.2024 |
| Catalyst 4500X 750W AC back to front cooling power supply | C4KX-PWR-750AC-F | SNTC 8X5XNBD | 1 | ART1916X08E | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEN8 | 31.12.2024 |
| 1000BASE-T SFP | GLC-T | SNTC 8X5XNBD | 1 | AGM1922494S | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1918AEPM | 31.12.2024 |
| MDS 9710 Chassis No Power Supplies, Fans Included | DS-C9710 | SNTC 8X5XNBD | 1 | JAF1844ADLC | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900AJ | 31.12.2024 |
| Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors | CAB-C19-CBN | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8A0 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AK | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AJ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89P | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8NP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87L | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRJ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Supervisor/Fabric-3, NX-OS Software Release 6.2(7) | M97S3K9-6.2.7 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J86Z | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9AA | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J86W | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8NE | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8NH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89N | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9A3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBR8 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8C1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BE | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87V | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRU | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRS | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191301RQ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BZ | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE1919007X | 31.12.2024 |
| MDS 9710 Accessory Kit for Cisco | DS-9710-KIT-CCO | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87T | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8A3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87S | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900D2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8A1 | 31.12.2024 |
| Blank Filler Card for Line Card slot in MDS9700 Chassis | DS-C9700-LC-BL | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BU | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900AN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87N | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7ZS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J98K | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J897 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB5M | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8MF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J896 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBPZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8LZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB57 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBPE | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB3S | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8LP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J97Z | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7ZP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB3P | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8FL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J97U | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7VN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J893 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBR7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89M | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8N5 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBNK | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8N2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB6A | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89A | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J823 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J99G | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8MY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB5S | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J81V | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBR6 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J997 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBR1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J81S | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8MG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J995 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J898 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB31 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8T9 | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 | JAE192203X6 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBNU | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8D9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBNP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 | JAE192203UZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J883 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BA | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8D7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9AW | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J880 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002XY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8SM | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002XZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9JC | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8D5 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8D3 | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002XV | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8S3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBNM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9CB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8DC | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J97M | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J892 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7EG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBPB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7BN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBNZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB3M | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBNV | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BD | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J97K | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J88A | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8DB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB3H | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J885 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J97D | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JB3F | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 | JAE1905057R | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8DA | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002S7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8P7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 Series Supervisor-1 | DS-X97-SF1-K9 | SNTC 8X5XNBD | 1 | JAE19220APM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9C2 | 31.12.2024 |
| MDS 9700 Series Supervisor-1 | DS-X97-SF1-K9 | SNTC 8X5XNBD | 1 | JAE1922090L | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1852JBRV | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87W | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8A9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9C1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BF | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900A2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8A6 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9C0 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CD | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9CA | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CZ | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002XF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9AT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87Z | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002X1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9AR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87Y | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8RH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002TE | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CW | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9AN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BK | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9C9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8PT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CV | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002TC | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19140LBM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9C5 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8P9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9BJ | 31.12.2024 |
| Cisco 2911 w/3 GE,4 EHWIC,2 DSP,1 SM,256MB CF,512MB DRAM,IPB | CISCO2911/K9 | SNTC 8X5XNBD | 1 | FCZ19266094 | 31.12.2024 |
| ^Cisco 2901-2921 IOS UNIVERSAL | S29UK9-15401T | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco Config Pro Express on Router Flash | ISR-CCP-EXP | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16-Port Async HWIC | HWIC-16A | SNTC 8X5XNBD | 1 | FOC19072DQV | 31.12.2024 |
| 16-Port Async HWIC | HWIC-16A | SNTC 8X5XNBD | 1 | FOC19072DV7 | 31.12.2024 |
| IP Base License for Cisco 2901-2951 | SL-29-IPB-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord Jumper, C13-C14 Connectors, 2 Meter Length | CAB-C13-C14-2M | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco 2911 AC Power Supply | PWR-2911-AC | SNTC 8X5XNBD | 1 | QCS190922K8 | 31.12.2024 |
| 512MB DRAM for Cisco 2901-2921 ISR (Default) | MEM-2900-512MB-DEF | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Removable faceplate for SM slot on Cisco 2900,3900,4400 ISR | SM-S-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16-Port Async HWIC | HWIC-16A | SNTC 8X5XNBD | 1 | FOC19114QDP | 31.12.2024 |
| 16-Port Async HWIC | HWIC-16A | SNTC 8X5XNBD | 1 | FOC19072DLA | 31.12.2024 |
| 256MB Compact Flash for Cisco 1900, 2900, 3900 ISR | MEM-CF-256MB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| DCNM for SAN License for MDS 9700 | DCNM-SAN-M97-K9 | SWSS UPGRADES | 1 | 5541JAC3DDC | 31.12.2024 |
| Enterprise Package License for 1 MDS9700 Switch | M97ENTK9 | SWSS UPGRADES | 1 | 6001J69C691 | 31.12.2024 |
| MDS 9710 Chassis No Power Supplies, Fans Included | DS-C9710 | SNTC 8X5XNBD | 1 | JAF1844ADLD | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GT2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GZ5 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PKF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RXU | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9R1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GSR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9P9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYX | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RXN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PK2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYU | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GGP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GV9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PJW | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GGM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GV0 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PJ2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9P7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PL2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RYM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GDH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H4H | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RYF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J87M | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H4C | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PKQ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RY1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GDC | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PKW | 31.12.2024 |
| MDS 9710 Supervisor/Fabric-3, NX-OS Software Release 6.2(7) | M97S3K9-6.2.7 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7VL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H0Z | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GZ7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J7VG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170FRQ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GG9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GY6 | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002ZT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9HB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170FPL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P2F | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P2C | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GG6 | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002Y8 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GXX | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002ZS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9H9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19140PKJ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GG4 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9H7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002Y7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GXE | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P26 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GX1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9GJ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GFX | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002Y1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P20 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS191325HG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYQ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GUW | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P2Y | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9P2 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9P0 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 | JAE192203VS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170FQA | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P2T | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GGH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9HD | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GYK | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170FPW | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 | JAE19190610 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GGE | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P2M | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 48-Port 16-Gbps Fibre Channel Switching Module | DS-X9448-768K9 | SNTC 8X5XNBD | 1 | JAE190602UL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170FPR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GGC | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GY9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P2J | 31.12.2024 |
| MDS 9700 Series Supervisor-1 | DS-X97-SF1-K9 | SNTC 8X5XNBD | 1 | JAE192201M3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GER | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P11 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GVP | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9R8 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9FL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900B9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GVF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GEN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P0Y | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9R6 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GVD | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900AY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P0U | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GEF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9FG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE191900A8 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9R3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZX | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8D1 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GVB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002XS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GWZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P1Y | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS191325HC | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002TK | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GWG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9G3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GFV | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS191325GL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P1L | 31.12.2024 |
| MDS 9700 3000W AC power supply | DS-CAC97-3KW | SNTC 8X5XNBD | 1 | DTM191002TG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GW9 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9RS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P1K | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9FT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GFF | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9RA | 31.12.2024 |
| MDS 9700 Series Supervisor-1 | DS-X97-SF1-K9 | SNTC 8X5XNBD | 1 | JAE19220AQB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GVT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J9FR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170P1G | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GF6 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RUH | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GDR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H53 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89D | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PM7 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89C | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZ8 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H4W | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H4S | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J899 | 31.12.2024 |
| MDS 9710 Accessory Kit for Cisco | DS-9710-KIT-CCO | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZ3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GDN | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H4K | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GDL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J882 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PLB | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RYS | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RYY | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170PLK | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Blank Filler Card for Line Card slot in MDS9700 Chassis | DS-C9700-LC-BL | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RX8 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AR | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZT | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8CG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GED | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE1919007Y | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RWX | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZM | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GE8 | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE1919007V | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RWG | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J8AL | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| MDS 9710 Crossbar Switching Fabric-1 Module | DS-X9710-FAB1 | SNTC 8X5XNBD | 1 | JAE1919006Z | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GE3 | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RUZ | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170GDU | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170RZG | 31.12.2024 |
| Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors | CAB-C19-CBN | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | AVJ1851J89E | 31.12.2024 |
| 16 Gbps Fibre Channel SW SFP+, LC | DS-SFP-FC16G-SW | SNTC 8X5XNBD | 1 | FNS19170H5C | 31.12.2024 |
| DCNM for SAN License for MDS 9700 | DCNM-SAN-M97-K9 | SWSS UPGRADES | 1 | 5541J36890D | 31.12.2024 |
| Enterprise Package License for 1 MDS9700 Switch | M97ENTK9 | SWSS UPGRADES | 1 | 6001J2ACA7B | 31.12.2024 |
| ASA 5545-X with FirePOWER Services, 8GE, AC, 3DES/AES, 2SSD | ASA5545-FPWR-K9 | SNTC 8X5XNBD | 1 | FGL192570J0 | 31.12.2024 |
| Cisco ASA5545 Control License | ASA5545-CTRL-LIC | SNTC 8X5XNBD | 1 | 2851J48CA1A | 31.12.2024 |
| ASA 5545-X/5555-X AC Power Supply | ASA-PWR-AC | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 9.2.2 Software image for ASA 5500-X Series,5585-X,ASA-SM | SF-ASA-X-9.2.2-K8 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5512-X through 5555-X 120GB MLC SED SSD (Incl.) | ASA5500X-SSD120INC | SNTC 8X5XNBD | 1 | MXA1911036G | 31.12.2024 |
| ASA 5545-X/5555-X Interface Card 6-port 10/100/1000, RJ-45 | ASA-IC-6GE-CU-C | SNTC 8X5XNBD | 1 | FGL192570EN | 31.12.2024 |
| ASA 5545-X/5555-X AC Power Supply | ASA-PWR-AC | SNTC 8X5XNBD | 1 | FS1002790G0700A5572DN | 31.12.2024 |
| ASA 5500 Strong Encryption License (3DES/AES) | ASA5500-ENCR-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ^ASA 5545 IPS Part Number with which PCB Serial is associated | ASA5545-MB | SNTC 8X5XNBD | 1 | FCH19207YCA | 31.12.2024 |
| ASA 5512-X through 5555-X 120GB MLC SED SSD (Incl.) | ASA5500X-SSD120INC | SNTC 8X5XNBD | 1 | MXA191102PN | 31.12.2024 |
| ASA 5545-X/5555-X AC Power Supply | ASA-PWR-AC | SNTC 8X5XNBD | 1 | FS1002790G0700A5572DK | 31.12.2024 |
| Cisco VPN Client Software (Windows, Solaris, Linux, Mac) | ASA-VPN-CLNT-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5500 SSL VPN 100 Premium User License | ASA5500-SSL-100 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5500 AnyConnect Client + Cisco Security Desktop Software | ASA-ANYCONN-CSD-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR1004 Chassis, Dual P/S | ASR1004 | SNTC 8X5XNBD | 1 | FXS1910Q1KK | 31.12.2024 |
| 10A AC Pwr Cord, left-angle (Europe) (bundle option) | CAB-AC10A-90L-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Blank Cover for regular SPA | SPA-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1000 6 port 10 GE Line Card | ASR1000-6TGE | SNTC 8X5XNBD | 1 | JAE19200F5Q | 31.12.2024 |
| 1000BASE-T SFP (NEBS 3 ESD) | SFP-GE-T | SNTC 8X5XNBD | 1 | MTC19110RRB | 31.12.2024 |
| Cisco ASR1000 SPA Interface Processor 40 | ASR1000-SIP40 | SNTC 8X5XNBD | 1 | JAE192401LE | 31.12.2024 |
| ASR1K-Int Edge/Peering incl. BGP/NAT/ZBFW - tracking only | ASR1K-INTERNET | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903T6 | 31.12.2024 |
| Cisco 5-Port Gigabit Ethernet Shared Port Adapter | SPA-5X1GE-V2 | SNTC 8X5XNBD | 1 | SAL19089WKS | 31.12.2024 |
| 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM | GLC-SX-MMD | SNTC 8X5XNBD | 1 | FNS191915RP | 31.12.2024 |
| Cisco ASR1004 AC Power Supply | ASR1004-PWR-AC | SNTC 8X5XNBD | 1 | ART1905K00W | 31.12.2024 |
| Cisco ASR 1000 Series RP2 ADVANCED IP SERVICES | SASR1R2-AISK9-313S | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| SPA for ASR1000; No Physical Part; For Tracking Only | ASR1000-SPA | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903PS | 31.12.2024 |
| Cisco ASR1000 RP2 80GB HDD | M-ASR1K-HDD-80GB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903SD | 31.12.2024 |
| Cisco ASR1000 Route Processor 2, 8GB DRAM | ASR1000-RP2 | SNTC 8X5XNBD | 1 | JAE192304CE | 31.12.2024 |
| Cisco ASR1004 AC Power Supply | ASR1004-PWR-AC | SNTC 8X5XNBD | 1 | ART1915K03M | 31.12.2024 |
| Cisco ASR1000 RP2 8GB DRAM | M-ASR1K-RP2-8GB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903Q5 | 31.12.2024 |
| Firewall Right-To-Use Feature Lic for ASR1000 Series | FLASR1-FW-RTU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903PF | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903SU | 31.12.2024 |
| Cisco ASR1000 Embedded Services Processor, 40G | ASR1000-ESP40 | SNTC 8X5XNBD | 1 | JAE192203RY | 31.12.2024 |
| Cisco ASR1004 Chassis, Dual P/S | ASR1004 | SNTC 8X5XNBD | 1 | FXS1910Q1KF | 31.12.2024 |
| Cisco ASR 1000 Series RP2 ADVANCED IP SERVICES | SASR1R2-AISK9-313S | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR1000 Embedded Services Processor, 40G | ASR1000-ESP40 | SNTC 8X5XNBD | 1 | JAE192203RT | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903RG | 31.12.2024 |
| Cisco ASR1000 SPA Interface Processor 40 | ASR1000-SIP40 | SNTC 8X5XNBD | 1 | JAE192401N5 | 31.12.2024 |
| Cisco ASR1000 RP2 8GB DRAM | M-ASR1K-RP2-8GB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1000 6 port 10 GE Line Card | ASR1000-6TGE | SNTC 8X5XNBD | 1 | JAE19200F88 | 31.12.2024 |
| Blank Cover for regular SPA | SPA-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903TQ | 31.12.2024 |
| 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM | GLC-SX-MMD | SNTC 8X5XNBD | 1 | AGJ1833R3Z9 | 31.12.2024 |
| 10A AC Pwr Cord, left-angle (Europe) (bundle option) | CAB-AC10A-90L-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Firewall Right-To-Use Feature Lic for ASR1000 Series | FLASR1-FW-RTU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR1004 AC Power Supply | ASR1004-PWR-AC | SNTC 8X5XNBD | 1 | ART1915K05L | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903QJ | 31.12.2024 |
| SPA for ASR1000; No Physical Part; For Tracking Only | ASR1000-SPA | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903QY | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS191903RX | 31.12.2024 |
| Cisco 5-Port Gigabit Ethernet Shared Port Adapter | SPA-5X1GE-V2 | SNTC 8X5XNBD | 1 | SAL19089WK0 | 31.12.2024 |
| Cisco ASR1000 Route Processor 2, 8GB DRAM | ASR1000-RP2 | SNTC 8X5XNBD | 1 | JAE1838011H | 31.12.2024 |
| 1000BASE-T SFP (NEBS 3 ESD) | SFP-GE-T | SNTC 8X5XNBD | 1 | MTC19110MQ9 | 31.12.2024 |
| Cisco ASR1004 AC Power Supply | ASR1004-PWR-AC | SNTC 8X5XNBD | 1 | ART1915K05K | 31.12.2024 |
| Cisco ASR1000 RP2 80GB HDD | M-ASR1K-HDD-80GB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1K-Int Edge/Peering incl. BGP/NAT/ZBFW - tracking only | ASR1K-INTERNET | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR XFP Module | XFP-10G-MM-SR | SNTC 8X5XNBD | 1 | FNS19190E5T | 31.12.2024 |
| ASA 5585-X Chas w/ SSP60,6 GE,4 SFP+,2 GE Mgt,2 AC,3DES/AES | ASA5585-S60-2A-K9 | SNTC 8X5XNBD | 1 | JMX192580DX | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | JUR1918GR6R | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X Security Services Processor-60 with 6GE, 4SFP+ | ASA-SSP-60-INC | SNTC 8X5XNBD | 1 | JAD18510033 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919AAMB | 31.12.2024 |
| Cisco VPN Client Software (Windows, Solaris, Linux, Mac) | ASA-VPN-CLNT-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X Half Width Blank Slot Cover | ASA5585-BLANK-H | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919AAG7 | 31.12.2024 |
| ASA 5585-X Half Width Network Module with 4 SFP+ ports | ASA5585-NM-4-10GE | SNTC 8X5XNBD | 1 | JAD192200IH | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 9.1 Software image for ASA 5500-X Series,5585-X & ASA-SM | SF-ASA-X-9.1-K8 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5500 Strong Encryption License (3DES/AES) | ASA5500-ENCR-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | JUR1919GJU2 | 31.12.2024 |
| ASA 5585-X AC Power Supply | ASA5585-PWR-AC | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 55585 Slot Divider for Half-Slot IO Modules | ASA5585-SEPTUM | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X AC Power Supply | ASA5585-PWR-AC | SNTC 8X5XNBD | 1 | POG1910A08S | 31.12.2024 |
| ASA 5585-X Security Plus License (Enables 10G SFP+ Ports) | ASA5585-SEC-PL | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5500 100 Security Contexts License | ASA5500-SC-100 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | JUR1919GJUS | 31.12.2024 |
| ASA 5585-X Hard Drive Blank Slot Cover | ASA5585-BLANK-HD | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | JUR1919GXX9 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919A7TR | 31.12.2024 |
| ASA 5585-X AC Power Supply | ASA5585-PWR-AC | SNTC 8X5XNBD | 1 | POG1910A04Y | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919AF6M | 31.12.2024 |
| Power Cord, 250Vac 16A, Europe | CAB-AC-2500W-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X Chas w/ SSP60,6 GE,4 SFP+,2 GE Mgt,2 AC,3DES/AES | ASA5585-S60-2A-K9 | SNTC 8X5XNBD | 1 | JMX192580CG | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919A7ZP | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919AC1W | 31.12.2024 |
| ASA 5585-X Half Width Blank Slot Cover | ASA5585-BLANK-H | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X AC Power Supply | ASA5585-PWR-AC | SNTC 8X5XNBD | 1 | POG1910A03Z | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5500 Strong Encryption License (3DES/AES) | ASA5500-ENCR-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord, 250Vac 16A, Europe | CAB-AC-2500W-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X AC Power Supply | ASA5585-PWR-AC | SNTC 8X5XNBD | 1 | POG1910A047 | 31.12.2024 |
| ASA 5500 100 Security Contexts License | ASA5500-SC-100 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 55585 Slot Divider for Half-Slot IO Modules | ASA5585-SEPTUM | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X Security Plus License (Enables 10G SFP+ Ports) | ASA5585-SEC-PL | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco VPN Client Software (Windows, Solaris, Linux, Mac) | ASA-VPN-CLNT-K9 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASA 5585-X Security Services Processor-60 with 6GE, 4SFP+ | ASA-SSP-60-INC | SNTC 8X5XNBD | 1 | JAD19190064 | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919AC1K | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919A1PM | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919A1P0 | 31.12.2024 |
| ASA 5585-X AC Power Supply | ASA5585-PWR-AC | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919AC1G | 31.12.2024 |
| ASA 5585-X Half Width Network Module with 4 SFP+ ports | ASA5585-NM-4-10GE | SNTC 8X5XNBD | 1 | JAD192200UD | 31.12.2024 |
| ASA 9.1 Software image for ASA 5500-X Series,5585-X & ASA-SM | SF-ASA-X-9.1-K8 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919A7ZL | 31.12.2024 |
| ASA 5585-X Hard Drive Blank Slot Cover | ASA5585-BLANK-HD | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 10GBASE-SR SFP Module | SFP-10G-SR | SNTC 8X5XNBD | 1 | AVD1919A80C | 31.12.2024 |
| Catalyst 2960-XR 48 GigE, 2 x 10G SFP+, IP Lite | WS-C2960XR-48TD-I | SNTC 8X5XNBD | 1 | FDO1913I0B7 | 31.12.2024 |
| Console Cable 6 ft with USB Type A and mini-B | CAB-CONSOLE-USB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors | CAB-C15-CBN | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 250W AC Config 2 Power Supply | PWR-C2-250WAC | SNTC 8X5XNBD | 1 | LIT191611G3 | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1926HLDE | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C9 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C8 | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y396 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J376BE5 | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4P1 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C7 | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J9B570C | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y36V | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6LK | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CR | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J4A8FB8 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1927JKTH | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38V | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CX | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J13CF07 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CS | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y39C | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6ND | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E4 | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4FZ | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y394 | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J9ED123 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E3 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E2 | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38R | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J3448B0 | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6PV | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37V | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J37561A | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J253933 | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E0 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E6 | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4NG | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37H | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E8 | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6UT | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J6629BC | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4K2 | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DF | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y39E | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DB | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DA | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J4F98EE | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y391 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6LN | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E7 | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J6A16A6 | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J1D0BDA | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37Z | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CV | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CW | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4GD | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37U | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6PY | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BR | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J27F720 | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38J | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BS | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4MG | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38N | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BT | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J57D550 | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6KZ | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J418484 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C3 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C2 | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37J | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y382 | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CC | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J504455 | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4K0 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6T2 | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J266569 | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y395 | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4J7 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CQ | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38W | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BP | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CP | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J69DCCD | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6QB | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J12F34D | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BQ | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C6 | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4ND | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38S | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y39A | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0C5 | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J5EEE55 | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6US | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J7CE63A | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BN | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4NA | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y397 | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J1F6BFF | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BL | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38Y | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0BM | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6RV | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J527C90 | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4H0 | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y390 | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CY | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0D0 | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38I | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0CZ | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J1CDAC8 | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6RG | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DD | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37X | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4HR | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DC | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y37W | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J7E1D26 | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J3234DF | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0E1 | 31.12.2024 |
| Nexus 9300 48p 1/10G SFP+ & additional uplink module req. | N9K-C9396PX | SNTC 8X5XNBD | 1 | SAL1927J6LY | 31.12.2024 |
| ACI Software License PAK Expansion | ACI-LIC-PAK | SNTC 8X5XNBD | 1 | 7191J2F23BA | 31.12.2024 |
| Nexus 9K Fixed Rack Mount Kit | N9K-C9300-RMK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9500 or 9300 ACI Base Software NX-OS Rel 11.0 | ACI-N9KDK9-11.0 | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0D9 | 31.12.2024 |
| ACI capable Uplink Module for Nexus 9300, 12p 40G QSFP | N9K-M12PQ | SNTC 8X5XNBD | 1 | SAL1926J4PT | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y39F | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DE | 31.12.2024 |
| Nexus 9K Fixed Accessory Kit | N9K-C9300-ACK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ACI SW license for a 48p 1/10G Nexus 9K | ACI-N9K-48X | SNTC 8X5XNBD | 1 | 7351J2D578C | 31.12.2024 |
| Nexus 9300 650W AC PS, Port-side Exhaust | N9K-PAC-650W-B | SNTC 8X5XNBD | 1 | DCB1922Y38T | 31.12.2024 |
| Power Cord, 250VAC 10A CEE 7/7 Plug, EU | CAB-9K10A-EU | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Nexus 9K Fan 2, Port-side Exhaust | N9K-C9300-FAN2-B | SNTC 8X5XNBD | 1 | SND1902V0DG | 31.12.2024 |
| ASR1001-X, 20G, VPN Bundle, K9, AES, Built-in 6x1G, 2x10G | ASR1001X-20G-VPN | SNTC 8X5XNBD | 1 | FXS1919Q3RS | 31.12.2024 |
| ASR1K-other applications for Enterprise or SP- Tracking only | ASR1K-OTHER | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 2.5G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10 | FLSA1-1X-2.5-20G | SNTC 8X5XNBD | 1 | 4721J736BA0 | 31.12.2024 |
| Cisco ASR1001-X AC Power Supply | ASR1001-X-PWR-AC | SNTC 8X5XNBD | 1 | LIT19180SM4 | 31.12.2024 |
| IPSEC License for ASR1000 Series | FLSASR1-IPSEC | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR1001-X IOS XE UNIVERSAL | SASR1K1XUK9-313S | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1001-X Built-In 10GE 2-port License | FLSA1-BIN-2X10GE-P | SNTC 8X5XNBD | 1 | 4721J1613BC | 31.12.2024 |
| Cisco ASR1001-X 8GB DRAM | M-ASR1001X-8GB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Blank faceplate for NIM slot on Cisco ISR 4400 | NIM-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR1001-X AC Power Supply | ASR1001-X-PWR-AC | SNTC 8X5XNBD | 1 | LIT19180SLZ | 31.12.2024 |
| Blank Cover for regular SPA | SPA-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR 1000 Advanced Enterprise Services License | SLASR1-AES | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Power Cord Jumper, C13-C14 Connectors, 2 Meter Length | CAB-C13-C14-2M | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1001-X, 20G, VPN Bundle, K9, AES, Built-in 6x1G, 2x10G | ASR1001X-20G-VPN | SNTC 8X5XNBD | 1 | FXS1919Q4QF | 31.12.2024 |
| Cisco ASR1001-X 8GB DRAM | M-ASR1001X-8GB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Blank Cover for regular SPA | SPA-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Blank faceplate for NIM slot on Cisco ISR 4400 | NIM-BLANK | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1001-X Built-In 10GE 2-port License | FLSA1-BIN-2X10GE-P | SNTC 8X5XNBD | 1 | 4721J3A474A | 31.12.2024 |
| Cisco ASR1001-X AC Power Supply | ASR1001-X-PWR-AC | SNTC 8X5XNBD | 1 | LIT19180SLW | 31.12.2024 |
| Power Cord Jumper, C13-C14 Connectors, 2 Meter Length | CAB-C13-C14-2M | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR 1000 Advanced Enterprise Services License | SLASR1-AES | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| 2.5G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10 | FLSA1-1X-2.5-20G | SNTC 8X5XNBD | 1 | 4721J7A7A31 | 31.12.2024 |
| Cisco ASR1001-X AC Power Supply | ASR1001-X-PWR-AC | SNTC 8X5XNBD | 1 | LIT19180SM2 | 31.12.2024 |
| IPSEC License for ASR1000 Series | FLSASR1-IPSEC | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| ASR1K-other applications for Enterprise or SP- Tracking only | ASR1K-OTHER | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cisco ASR1001-X IOS XE UNIVERSAL | SASR1K1XUK9-313S | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Catalyst 2960-XR 48 GigE, 2 x 10G SFP+, IP Lite | WS-C2960XR-48TD-I | SNTC 8X5XNBD | 1 | FDO2004B0DR | 31.12.2024 |
| 250W AC Config 2 Power Supply | PWR-C2-250WAC | SNTC 8X5XNBD | 1 | LIT191611KS | 31.12.2024 |
| Console Cable 6 ft with USB Type A and mini-B | CAB-CONSOLE-USB | SNTC 8X5XNBD | 1 |  | 31.12.2024 |
| Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors | CAB-C15-CBN | SNTC 8X5XNBD | 1 |  | 31.12.2024 |

# Špecifikácia produktov VMware

**Tabuľka č.8 POPIS SLUŽIEB VM WARE PRODUKTOV**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Popis** | **Typ** | **Popis služby** | **Qty** | **Služba požadovaná do** |
| VMware vSphere 6 Enterprise Plus for 1 processor | VS6-EPL-C | Production Support and Subscription | 320 | 31.12.2024 |
| VMware vCenter Server 6 Standard for vSphere 6 (Per Instance) | VCS6-STD-C | Production Support and Subscription | 1 | 31.12.2024 |

# Špecifikácia produktov F5

**Tabuľka č.9 POPIS SLUŽIEB F5 PRODUKTOV**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Popis** | **Typ** | **Popis služby** | **Qty** | **Sériové číslo** | **Služba požadovaná do** |
| F5-VPR-LTM-C2400-AC | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410170s | 31.12.2024 |
| F5-ADD-VPR-ROUTING | F5-SVC-VPR-PRE-L1-3 |  | 1 | chs410170s | 31.12.2024 |
| F5-ADD-VPR-SSL4 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410170s | 31.12.2024 |
| F5-ADD-VPR-VCMP-2400 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410170s | 31.12.2024 |
| F5-VPR-LTM-C2400-AC | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | chs410170s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | bld013421s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | bld013421s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | bld013512s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | bld013512s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | bld013513s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | bld013513s | 31.12.2024 |
| F5-VPR-LTM-C2400-AC | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410205s | 31.12.2024 |
| F5-ADD-VPR-ROUTING | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410205s | 31.12.2024 |
| F5-ADD-VPR-VCMP-2400 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410205s | 31.12.2024 |
| F5-ADD-VPR-SSL4 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | chs410205s | 31.12.2024 |
| F5-VPR-LTM-C2400-AC | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | chs410205s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | bld013517s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | bld013517s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | bld013525s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | bld013525s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-PRE-L1-3 | Level 1-3 Standard Service (5x10) | 1 | bld013587s | 31.12.2024 |
| F5-VPR-LTM-B2250 | F5-SVC-VPR-RMA-2 | Level 1-3 Standard Service (5x10) | 1 | bld013587s | 31.12.2024 |

# Špecifikácia produktov FlowMon

**Tabuľka č.10 POPIS SLUŽIEB FLOWMON PRODUKTOV**

|  |  |  |  |
| --- | --- | --- | --- |
| **Popis** | **Typ** | **Qty** | **Služba požadovaná do** |
| Gold support 1y: IFP-40000-SFP+ | GS-IFP-40000-SFP+ | 39 | 31.12.2024 |
| Gold support 1y: IFC-R6-24000PRO | GS-IFC-R6-24000PRO | 39 | 31.12.2024 |
| Gold Support 1y: FlowMon ADS ISP 40 | GS-ADS-ISP40 | 39 | 31.12.2024 |

# Špecifikácia produktov McAfee

**Tabuľka č.11 POPIS SLUŽIEB MCAFEE PRODUKTOV**

| **Popis** | **Typ podpory** | **Typ** | **Model** | **Sériové číslo** | **Qty** | **Služba požadovaná do** |
| --- | --- | --- | --- | --- | --- | --- |
| McAfee Network Security IPS NS9100 Appliance | Business Software Support & Advanced RMA (next business day ship) Hardware Support | IPS NS9100 | IPS NS9100 | J072436037 | 1 | 31.12.2024 |
| McAfee Network Security IPS NS9100 Appliance | Business Software Support & Advanced RMA (next business day ship) Hardware Support | IPS NS9100 | IPS NS9100 | J072510055 | 1 | 31.12.2024 |
| McAfee Network Security Manager Software Starter Edition | Business Software Support | IMT | IMT |  | 1 | 31.12.2024 |
| McAfee Network Security 8-Port 10/1 GigE SFP+/SFP Network I/O Expansion Module (without Built-In Fail-Open) | Advanced RMA (next business day ship) Hardware Support | NET-I/O-E-MOD-8PORT | NET-I/O-E-MOD-8PORT | K000505049 | 1 | 31.12.2024 |
| McAfee Network Security 8-Port 10/1 GigE SFP+/SFP Network I/O Expansion Module (without Built-In Fail-Open) | Advanced RMA (next business day ship) Hardware Support | NET-I/O-E-MOD-8PORT | NET-I/O-E-MOD-8PORT | K000505067 | 1 | 31.12.2024 |
| McAfee Network Security 1600W AC Redundant Power Supply for NS9100 | Advanced RMA (next business day ship) Hardware Support | POWER-SUPPLY-AC-NS-9X00 | POWER-SUPPLY-AC-NS-9X00 | CNS1622A4SEC20010 | 1 | 31.12.2024 |
| McAfee Network Security 1600W AC Redundant Power Supply for NS9100 | Advanced RMA (next business day ship) Hardware Support | POWER-SUPPLY-AC-NS-9X00 | POWER-SUPPLY-AC-NS-9X00 | CNS1622A4SEC20135 | 1 | 31.12.2024 |
| McAfee Network Security 40GigE QSFP+ 40GBASE-SR4 MM Transceiver | Advanced RMA (next business day ship) Hardware Support | TRANSCEIVER-NS-40-SR | TRANSCEIVER-NS-40-SR | ESB02F3 | 1 | 31.12.2024 |
| McAfee Network Security 40GigE QSFP+ 40GBASE-SR4 MM Transceiver | Advanced RMA (next business day ship) Hardware Support | TRANSCEIVER-NS-40-SR | TRANSCEIVER-NS-40-SR | MQ800EL | 1 | 31.12.2024 |
| Forcepoint NGF 3206-C1 Appliance | Network Security Premium Support, Premium Hardware Support | N3206WNE-X-XX26-R | 3200 Series | G0B3509218 | 1 | 31.12.2024 |
| Forcepoint NGF 3206-C1 Appliance | Network Security Premium Support, Premium Hardware Support | N3206WNE-X-XX26-R | 3200 Series | G0B3509219 | 1 | 31.12.2024 |
| Forcepoint Security Management Center 2 Nodes High Availability Pair Offering | Network Security Premium Support | PRSNN-X-CP32-R | MGMT | 919e2-7d421-f0a03-07803 | 1 | 31.12.2024 |
| 4 Port 10 Gigabit Ethernet SFP+ Module | Network Security Premium Support | MO10F4WRE-X-XX50-R | 4 Port SFP+ Module | G0B6527125 | 1 | 31.12.2024 |
| 4 Port 10 Gigabit Ethernet SFP+ Module | Network Security Premium Support | MO10F4WRE-X-XX50-R | 4 Port SFP+ Module | G0B6527127 | 1 | 31.12.2024 |
| McAfee Enterprise Security Manager 5600 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ESM-5600 | ESM-5600 | X070523240 | 1 | 31.12.2024 |
| McAfee Enterprise Security Manager 5600 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ESM-5600 | ESM-5600 | X070523248 | 1 | 31.12.2024 |
| McAfee Enterprise Log Manager 5600 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ELM-5600 | ELM-5600 | B070447340 | 1 | 31.12.2024 |
| McAfee Enterprise Log Manager 5600 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ELM-5600 | ELM-5600 | X070522221 | 1 | 31.12.2024 |
| McAfee Enterprise Log Manager Event Receiver 3450 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ELM-ERC-3450 | ELM-ERC-3450 | B070447358 | 1 | 31.12.2024 |
| McAfee Enterprise Log Manager Event Receiver 3450 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ELM-ERC-3450 | ELM-ERC-3450 | B070447359 | 1 | 31.12.2024 |
| McAfee Enterprise Log Manager Event Receiver 3450 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ELM-ERC-3450 | ELM-ERC-3450 | X070508082 | 1 | 31.12.2024 |
| McAfee Enterprise Log Manager Event Receiver 3450 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ELM-ERC-3450 | ELM-ERC-3450 | X070508083 | 1 | 31.12.2024 |
| McAfee Global Threat Intelligence Enterprise Security Manager (ESM) Module | Business Software Support | MFE GTI for ESM-5600 1:1BZ | GTI |  | 2 | 31.12.2024 |
| McAfee Advanced Correlation Engine 2600 | Business Software Support & Advanced RMA (next business day ship) Hardware Support | ACE-2600 | ACE-2600 | X070507044 | 1 | 31.12.2024 |

**Popis supportov:**

**Business Software Support**

Podpora 24/7 na telefóne, chate a servisnom portáli, neobmedzené HW a SW aktualizácie, online tutorial.

**Advanced RMA (next business day ship) Hardware Support**

Diagnostika na základe kontaktovania McAfee Technical Support, po uznaní vady bude odoslaná náhradanásledujúcí pracovný deň.

**Network Security Premium Support**

Podpora 24/7, reakčná doba do 1 hodiny.

**Premium Hardware Support**

Oprava/výmena vadného HW next business day, telefonická podpora.

# Špecifikácia produktov Radware

**Tabuľka č.12 POPIS SLUŽIEB RADWARE PRODUKTOV**

|  |  |  |  |
| --- | --- | --- | --- |
| **Popis** | **Typ** | **Qty** | **Služba požadovaná do** |
| Standard Support for Alteon-NG 6420 XL - 30G/ODSHTQ/ 32GB/SSL/RoHS | 19010314RS | 2 | 31.12.2024 |
| Standard Support for Memory Upgrade - from 32GB to 64 GB - Alteon 6420/6420 XL | 906231RS | 2 | 31.12.2024 |
| Standard Support for Single AC Power Supply - Alteon 6420, 6420p, 8420, DefensePro x420 | 910180RS | 2 | 31.12.2024 |
| Standard Support for Additional 5 vADCs Extension | 9210087RS | 6 | 31.12.2024 |
| Standard support for 10Gbps Pluggable Optics Multimode SR | 9062206RS | 8 | 31.12.2024 |
| Standard for 1Gbps Pluggable Copper 1000BASET (3 Years) | 9062186RS | 4 | 31.12.2024 |
| Standard Support for DefensePro 12412 /ODS3 v.2 - S1/OCT/Dual/12GB/NetCop/Bypass/ROHS | 19260012RS | 2 | 31.12.2024 |
| Standard support for 10Gbps Pluggable Optics (XFP) Multimode SR | 9062096RS | 8 | 31.12.2024 |
| Standard Support for APSolute Vision Server - Appliance Package w. RTU license for 2 devices + 10 vADC / Vas | 1927020RS | 1 | 31.12.2024 |
| Standard Support for APSolute Vision Security Reporter - Software Option | 927014RS | 1 | 31.12.2024 |
| Standard Support for RTU Add-on License: 6 physical Radware Devices and 60 vADCs/VAs- Software Option | 9070100RS | 1 | 31.12.2024 |

# Špecifikácia produktov Microsoft

**Tabuľka č.13 POPIS SLUŽIEB MICROSOFT PRODUKTOV**

|  |  |  |  |
| --- | --- | --- | --- |
| **Popis** | **Model** | **Qty** | **Služba požadovaná do** |
| MS WS16 (16-Core) Datacntr ROK en SW | 871153-B21 | 80 | 31.12.2024 |
| MS WS16 (16-Core) DC Add Lic EMEA SW | 871166-A21 | 80 | 31.12.2024 |
| MS WS16 (4-Core) DC Add Lic EMEA SW | 871167-A21 | 160 | 31.12.2024 |

# Špecifikácia produktov CA

**Tabuľka č.14 POPIS SLUŽIEB CA PRODUKTOV**

|  |  |  |
| --- | --- | --- |
| **Popis** | **Qty** | **Služba požadovaná do** |
| CA ServiceDesk | 10 | 31.12.2024 |
| CA Spectrum | 200 | 31.12.2024 |

# Špecifikácia pozáručného autorizovaného servisu IT technológií potrebných pre poskytovanie Služieb zvýšenia a udržiavania prevádzkovej bezpečnosti a Služieb rozšírenej podpory prevádzkovaných služieb

Pozáručný autorizovaný servis IT technológií definovaných v časti 1. Špecifikácia pozáručného autorizovaného servisu IT technológií (body 1.1 až 1.10) tohto Opisu predmetu zákazky, potrebných pre poskytovanie Služieb zvýšenia a udržiavania prevádzkovej bezpečnosti a Služieb rozšírenej podpory prevádzkovaných služieb.

# Servisné služby pre IT technológie

# Správa aplikačných komponentov orchestračnej platformy

* Zabezpečenie prevádzky a podpory samoobslužného portálu a orchestračného nástroja cSP (Cloud service provisioner)

Činnosti :

* Konfiguračné úpravy a správa aplikačných komponentov orchestračnej platformy.
* Konfigurácia nových služieb v cloudovom prostredí.
* Návrh a optimalizácia orchestračnej platformy.
* Nasadzovanie vyššej verzie ovládačov orchestrovaných zariadení.
* Nasadzovanie vyššej verzie operačných systémov a aplikačnýh komponentov na komponentoch CSP.
* Dodávka inštalačných balíkov pre upgrade CSP.

# Oblasť správy virtualizačnej platformy

* Správa nástrojov virtualizačnej platformy pre virtualizáciu serverovej, diskovej a sieťovej infraštruktúry

Činnosti :

* Administrácia a manažment:
* rekonfigurácia parametrov virtualizačného software
* inštalácia aktualizácií a patchov

# Oblasť bezpečnosti perimetrov

* Poradenstvo pri správe logickej sieťovej štruktúry bezpečnostných zón

Činnosti :

* Zmeny nastavení inštalovaných technológií v súlade s odsúhlasenými zmenami riadiacich dokumentov bezpečnosti, vykonávacích procedúr, konfiguračných predpisov
* Zmeny prístupových práv v súlade s odsúhlasenými zmenami riadiacich dokumentov bezpečnosti, vykonávacích procedúr, konfiguračných predpisov
* Podpora pri vyhodnocovaní auditných záznamov
* Vyhodnocovanie bezpečnostných slabín

# Oblasť bezpečnosti

* Podpora prevádzky nástrojov a procesov monitorovania a zabezpečenia bezpečnosti

Činnosti :

* Zmeny nastavení inštalovaných technológií v súlade s odsúhlasenými zmenami riadiacich dokumentov bezpečnosti, vykonávacích procedúr, konfiguračných predpisov
* Zmeny prístupových práv v súlade s odsúhlasenými zmenami riadiacich dokumentov bezpečnosti, vykonávacích procedúr, konfiguračných predpisov
* Podpora Identity and Access managementu a procesov pre správu a životný cyklus používateľských identít a riadenia ich prístupov k zdrojom prostredia
* Podpora prevádzky manažmentu incidentov.
* Inštalácia upgrade a update.
* Rekonfigurácia parametrov .
* Podpora pre plánovaný a neplánovaný shutdown, restart alebo start aplikačných procesov.
* Podpora monitoringu pre nasledovné parametre:
* vyťaženie operačnej pamäte a CPUs aplikačným systémom
* výskytu varovných a chybových hlásení v aplikačných logoch
* funkčnosti všetkých komponentov bezpečnostných produktov
* korektného generovania logov jednotlivých inštalácii a agentov
* Vyhodnocovanie auditných záznamov.
* Detekcia bezpečnostných slabín.
* Identifikácia problémov.
* Návrh okamžitých opatrení.
* Minimalizácia následných dopadov.
* Návrh odstránenia slabín.
* Zabezpečenie úpravy dokumentácie.
* Spolupráca pri bezpečnostných auditoch
* poskytnutie konzultácií
* poskytnutie písomných podkladov a stanovísk
* Spolupráca pri vyšetrovaní bezpečnostných incidentov
* vykonanie analýz
* poskytnutie konzultácií
* poskytnutie písomných podkladov a stanovísk

# Služby podpory IKT infraštruktúry

Špecifikácia služby:

Problem Management

* V prípade identifikácie problému je v zodpovednosti poskytovateľa zabezpečiť vyriešenie problému. Cieľom procesu riešenia problémov je identifikovať príčinu (root cause) a navrhnúť najvhodnejšie riešenie a ďalej odovzdať riešenie príslušnému procesu alebo tímu. Samotné identifikovanie riešenia môže vo všeobecnosti vyžadovať mnohé vstupy a informácie od rôznych tímov a rolí tvoriacich prevádzkovú organizáciu.

Asset a Configuration Management

* V zodpovednosti poskytovateľa je správa evidencie aktív a konfiguračných položiek, ktoré budú podporovať Change Management, Release Management. Evidencia a správa týchto aktív je predpokladom pre kontinuitu poskytovania služieb a tiež základom pre efektívne finančné vykazovanie.

Change Management

* Je v zodpovednosti poskytovateľa riešiť zmeny cloudových služieb, aby bola zabezpečená správna koordinácia zmien a predchádzanie neželaným dopadom na služby. Proces change managementu bude zastrešovať plánovanie, koordináciu a zaznamenávanie zmien vrátane aktualizácie konfiguračnej databázy. Súčasťou procesu bude aj vyhodnocovanie zmien a prispôsobovanie sa potrebám a rozširovaniu služieb.

Riadenie verzií (update/upgrade)

* Poskytovateľ riadi aktualizáciu jednotlivých verzií prevádzkovaného SW/HW uvedeného v v tomto dokumente.

Je v zodpovednosti poskytovateľa zanalyzovať každú novú verziu publikovanú výrobcom a zrealizovať nasadenie novej verzie. V prípade, že na základe analýzy novej verzie poskytovateľa neodporučí nasadenie novej verzie, túto skutočnosť zdokumentuje a informuje PoCS (poskytovateľa cloudových služieb, objednávateľa). Pravidelné informovanie o stave verzií bude poskytovať poskytovateľ na polročnej báze. Je v zodpovednosti poskytovateľa zabezpečiť minimalizáciu dopadu aktualizácií nových verzií na prevádzkovaný SW/HW a poskytované IaaS služby. Pre potreby zabezpečenia uvedeného bodu je nevyhnutné, aby poskytovateľ disponoval vlastným testovacím prostredím s technologicky identickými komponentami.

Obnova prevádzky po havárii

* Poskytovateľ sa zaväzuje zabezpečiť efektívne a čo najrýchlejšie obnovenie prevádzky. Pre obnovu dát a údajov bude použitá posledná funkčná záloha. Rozpis a spôsob zálohovania pre jednotlivé zariadenia je uvedený v prevádzkovej dokumentácii. Administrácia a prevádzka zariadení a aplikačných systémov. Poskytovateľ sa zaväzuje zabezpečiť prevádzku zariadení a ich administráciu v zmysle dokumentácií zverejnených výrobcami zariadení a prevádzkovej dokumentácie. Administrácia používateľov. Poskytovateľ sa zaväzuje udržiavať systém prístupových práv k systémom identifikovaným objednávateľom.

Špecifikácia podpory L1-L3:

* L1- Prvotná úroveň servisnej podpory zodpovedá za zaznamenanie a spracovanie všetkých incidentov. V rámci L1 podpory je zrealizovaná validácia incidentu (t.j. či je požiadavka oprávnená a či je správne a úplne zadaná), vyriešenie incidentu (v prípade, že sa jedná o jednoduchý incident v kompetencií L1 podpory) a eskalácia incidentu na L2 podporu alebo priamo na výrobcu (v prípade zložitejších incidentov) – kompetencia objednávateľa.
* L2- Sekundárna úroveň servisnej podpory zodpovedá za vyriešenie zložitejších incidentov. V prípade, že L2 podpora nedokáže vyriešiť incident, nastane eskalácia na L3 podporu alebo priamo na výrobcu.

Príklady L2 riešené za stranu objednávateľa: riešenie problémov tenantov s prihlasovaním sa na VM, riešenie problémov tenantov s prihlasovaním sa do VPN, riešenie problémov dodávateľov s prihlasovaním sa na VM, konfigurácia a modifikácia VPN tenantských VPN tunelov, riešenie problémov s výpadkami na tenantských VPN tuneloch, riešenie nedostupnosti interných a externých sietí pre tenantov, riešenie problémov s nesprávnou konfiguráciou interných a externých FW pravidiel, konfiguračné zmeny na backendových sieťach, restorovanie VM zo záloh, upravovanie schedule zálohovania a ich kontrola, riešenie security incidentov, asistencia tenantom pri riešení security incidentov na projektoch, asistencia tenantom s vytváraním projektu vo Vládnom cloude, asistencia tenantom s migrovaním projektov do Vládneho cloudu, kontrola požiadaviek tenantov na alokované zdroje a konfigurácie projektov, navyšovanie kapacít DS pre potreby vytvárania nových projektov, riešenie neúspešných deploymentov, riešenie incidentov spojených a nedostupnými tenantskými VM, riešenie zaplnených diskov na backendových serveroch, riešenie nedostatočného výkonu backendových serverov, konfigurácia autentifikačných politík, vytváranie reportov, vytváranie a udržiavanie technickej dokumentácie a prevádzkových nariadení, Komunikácia s tenantami a konzultácie, Testovanie atypických požiadaviek tenantov na projektoch.

Príklady L2 riešené za stranu poskytovateľa: analýza, návrh a odstránenie príčin akéhokoľvek problému komunikácie, kontinuálny upgrade IKT infraštruktúry (APIC, interné a externé firewally, switche, interné a externé IPS, CA, servre, diskové polia, VPN koncentrátorov, hypervízorov, ICM, SIEM, ISE, LoadBalancerov, smerovačov a ďalších bezpečnostných komponentov). Inštalácia security patchov, posudzovanie zmenových požiadaviek a návrh riešenia a aplikovanie, rozširovanie funkcionality CSP, automatizácia procesov, optimalizácia HEAT volaní, príprava golden images, riadenie životného cyklu služieb, poskytovanie repozitárov, troubleshooting Cloud stacku, výmena komponentov, návrh a realizácia pozáručného autorizovaného servisu. Poskytovateľ vlastnými prostriedkami zabezpečí testovanie updates, zmenových požiadaviek, nových funkcionalít a zvyšovania bezpečnosti. Ďalej je to pokročilá konfigurácia aplikačných brán, riešenie neštandardných situácii v rámci aplikačných integrácií, pokročilá konfigurácia autorizačných metód, transformácii a orchestrácie v rámci medzisystémovej komunikácie, riešenie konfliktov aktualizácie aplikačných frameworkov, aktualizácie voči zmenám integračných rozhraní tretích strán.

* L3- Expertná úroveň servisnej podpory zodpovedá za vyriešenie najzložitejších problémov, prevažne odhalených bugov výrobcov s dopadom na funkcionalitu samotných produktov. V rámci riešenia takýchto incidentov môžu nastať prípady kedy L3 podpora rieši incident v spolupráci s výrobcom – kompetencia poskytovateľa

# Poskytovanie služieb vytvorenia/zmeny/zrušenia IaaS služieb

**Špecifikácia služby:** Na základe schválených požiadaviek PoCS na IaaS služby, zabezpečí poskytovateľ podporu pri nasadení služieb v prostredí vládneho cloudu v požadovaných parametroch.

Aktuálny zoznam služieb vládneho cloudu:

* Vytvorenie preddefinovaného sieťového modelu
* Vytvorenie virtuálneho servera x86\_64 (Windows, Linux)
* Vytvorenie virtuálneho servera RISC (RISC)
* Vytvorenie diskového priestoru
* Vytvorenie FW pravidiel
* Vytvorenie load balancing pravidiel
* Nastavenie pripojenia do internetu/intranetu
* Poskytnutie zálohovania virtuálneho stroja

Schvaľovanie požiadaviek na cloudové služby je rozdelený na 2 stupne:

1. Manažérske schvaľovanie, zabezpečuje PoCS, je v zodpovednosti PoCS posúdiť požiadavky na cloudové služby z pohľadu súčasných/plánovaných kapacít a dôležitosti informačného systému migrovaného/budovaného vo vládnom cloude. Je v zodpovednosti poskytovateľa poskytnúť podporu pri rozhodovaní PoCS v rámci procesu schvaľovania.
2. Technické schvaľovanie, zabezpečuje PoCS, je v zodpovednosti PoCS posúdiť požiadavky na cloudové služby, najmä z pohľadu bezpečnosti a realizovateľnosti požiadaviek na cloudové služby. Poskytovateľ poskytne komplexnú podporu pri procese technického schvaľovania. Technické schvaľovanie procesne nasleduje po kladnom manažérskom schválení.

Komunikačné rozhranie:

- Cloud service provisioner (CSP)

# Špecifikácia požiadaviek pre interné testovacie prostredie DCS

Pre potreby eliminácie odstávok a zabezpečenia vývoja, testovania a rozširovania poskytovaných IaaS služieb je potrebné zabezpečiť zo strany poskytovateľa interné testovacie prostredie s nasledujúcimi atribútmi:

* HW a SW komponenty technologicky identické s prostredím poskytovateľa cloudových služieb.
* Identické pokrytie technickej podpory.

Hlavné úlohy interného testovacieho prostredia poskytovateľa:

* Nasadenie a testovanie aktualizácií nových verzií na prevádzkovaný SW/HW a poskytované IaaS, resp. katalógové služby.
* Nasadenie a testovanie konfiguračných zmien na prevádzkovaný SW/HW a poskytované IaaS, resp. katalógové služby.
* Vývoj, nasadenie, testovanie a rozširovanie nových IaaS, Backup a DR služieb.
* Nasadenie a testovanie nových funkcionalít orchestračnej platformy.
* Riešenie prevádzkových problémov.

# Služby prevádzkovej podpory

**Služba zvýšenia a udržiavania prevádzkovej bezpečnosti**

**Služba zvýšenia a udržiavania prevádzkovej bezpečnosti** pokrýva požiadavky na udržanie jej zodpovedajúcej úrovne, a to i pre zariadenia už bez zodpovedajúcej podpory výrobcu.

Požadované oblasti:

1. Služba konfiguračného auditu a kontroly zhody infraštruktúry, ktorá zahŕňa pravidelnú:
   * analýzu konfigurácie voči KB výrobcov, odporúčaniam a odporúčaným scenárom nasadenia,
   * kontrolu zhody voči normám ISO, DISA STIG,
   * kontrolu vstupných požiadaviek pred vykonaním aktualizácií a
   * inšpekciu logov.
2. Služba realizácie pravidelných penetračných testov, ktorá zahŕňa pravidelné:
   * odhalenie slabých stránok zabezpečenia skenovanej infraštruktúry a jej systémov,
   * podniknutie krokov na odstránenie zraniteľnosti a eliminovanie rizika útoku,
   * poskytnutie podrobných návodov pre upgrade softvéru na bezpečnú verziu, návrh konfiguračných zmien s podrobným postupom a
   * poskytnutie reportov o stave infraštruktúry z pohľadu bezpečnosti a trend vývoja zabezpečenia voči aktuálny hrozbám.
3. Monitoring a reporting na platforme Zabbix, ktorá zahŕňa pravidelnú:
   * správu a úpravu platformy Zabbix na základe požiadaviek objednávateľa,
   * zavedenie služby monitoringu a reportingu pre tenantov vládneho cloudu,
   * pravidelný reporting alokácie a vyťaženia projektov využitím Zabbix a CSP platforiem,
   * monitoring prostredia,
   * testovanie a aktualizáciu platformy a
   * incident a problém manažment v súlade s ITIL štandardami.
4. Služba súboru inšpekčných mechanizmov pre rozšírenú ochranu administrátorského prístupu, ktorá zahŕňa:
   * dodatočné overenie identity a ďalších potrebných podmienok pre vzdialený prístup administrátorov,
   * aktívne riadenie prístupu k privilegovaným účtom,
   * zamedzenie potreby priameho zverejňovania prístupových údajov k privilegovaným účtom prostredníctvom služby overovacieho a autorizačného postupu s jednotným prihlásením a možnosťou viacfaktorového overenia,
   * definíciu časových kritérií a/alebo dodatočných schvaľovacích mechanizmov vyplývajúcich z prevádzkových metodík pre prístup konkrétnych osôb ku konkrétnym účtom.
5. Služba aktívneho vypracovania a nasadenia akútnych bezpečnostných a prevádzkových opatrení, ktorá zahŕňa:
   * identifikáciu a/alebo reakciu na nové prevádzkové udalosti, bezpečnostné hrozby, útoky alebo ich zverejnené vektory,
   * vypracovanie špecifikácie zodpovedajúceho technického opatrenia,
   * nasadenie opatrenia s využitím dostupných prvkov a prostriedkov prevádzkovateľa, s možnosťou
     + doplnenia dodatočných vyžadovaných prvkov alebo
     + výmeny kompromitovaných prvkov za ekvivalentné v prípade, že nie je možné iné riešenie

na základe dohody s prevádzkovateľom,

pričom za prevádzkovú udalosť ovplyvňujúcu prevádzkovú bezpečnosť je považovaná aj porucha/znefunkčnenie zariadenia bez technickej podpory, resp. pozáručného servisu.

1. Multitenantný monitoring sieťovej komunikácie a bezpečnostných anomálií:
   * viditeľnosť, monitoring a analytika sieťovej telemetrie,
   * identifikácia problémov spojených s výkonnosťou siete, pripojenými zariadeniami, používateľmi a sieťovými službami,
   * detekcia prevádzkových problémov, bezpečnostných hrozieb a anomálií na sieti,
   * uchovávanie dát pre forenzné vyšetrovanie kybernetických útokov, udalostí a incidentov na sieti.
2. Multitenantný monitoring výkonu a dostupnosti aplikácií:
   * viditeľnosť, monitoring a analytika sieťovej a aplikačnej telemetrie,
   * identifikácia výkonnostných problémov medzi výkonnosťou siete a používanými aplikáciami,
   * kontrola SLA dostupnosti a funkčnosti aplikácií pre jednotlivých používateľov,
   * uchovávanie dát pre forenznú analýzu do úrovne inštancie jednotlivých transakcií aplikácií,
   * 4 inštancie po 7500 applikačných transakcií za minútu (HTTP/HTTPs),
   * 4 inštancie po 15000 applikačných transakcií za minútu (HTTP/HTTPs + Oracle, PostgreeSQL,MariaDB/MySQL, MSSQL),
   * možnosť škálovateľnosti služby o ďalšie inštancie a počet tranzakcií.

**Služba rozšírenej podpory prevádzkovaných služieb**

**Služba rozšírenej podpory prevádzkovaných služieb** zahŕňa podporu nových služieb, existujúcich služieb dotknutých ich implementáciou a ostatných už prevádzkovaných služieb.

Požadované oblasti:

1. Služba správy CaaS (Container as a Service) služby, ktorá zahŕňa pravidelnú:
   * správu a rozširovanie služby o nové šablóny na základe požiadaviek objednávateľa,
   * kontrolu dostupnosti a spoľahlivosti platformy,
   * testovanie a aktualizácia platformy a
   * incident a problém manažment v súlade s ITIL štandardami.

# Konzultačné služby

**Poskytovanie služby technických a odborných konzultácii k IaaS službám**

**Špecifikácia služby:**

Poskytnutie technických a odborných konzultácii Odberateľom cloudových služieb. Konzultácie môžu byť v oblasti parametrov cloudových služieb, architektúry cloudu, bezpečnostných princípov a pravidiel cloudu, schvaľovania cloudových služieb, monitoring a reporting cloudových služieb. Technické a odborné konzultácie sú realizované poskytovateľom pre podporu prevádzky cloudových služieb. Činnosti poskytnutné v rámci poskytovania tejto služby:

Konzultačné činnosti pre návrh vhodnej Technickej architektúry IaaS

* Analýza a validácia technologických princípov Aplikačnej architektúry a výber vhodnej Technickej architektúry poskytovanej IaaS v gCloud v súlade Aplikačnou/Technologickou maticou.
  + Výber vhodnej aplikačnej topológie
  + Výber vhodnej systémovej platformy pre jednotlivé aplikačné komponenty
  + Výber vhodného DR modelu
  + Výber vhodného spôsobu zálohovania
  + Informačná bezpečnosť
  + Zdokumentovanie a príprava podkladov pre vytvorenie systémového prostredia IaaS

Konzultačné činnosti pre návrh vhodných migračných scenárov existujúcej Technickej architektúry IS do cieľovej Technickej architektúry IaaS gCloud-u

* Pomoc s prípravou Implementačného a migračného plánu
* Pomoc s prípravou a dokumentáciou Prechodovej Technickej architektúry
* Pomoc s prípravou a dokumentáciou Cieľovej Technickej architektúry

Príprava a vytvorenie systémového prostredia IaaS

* vytváranie VM a zakladná konfigurácia
* definovanie komunikačných pravidiel interných a externých sietí
* konfigurácia load-balancerov F5 podľa zadania
* konfigurácia site-to-site VPN
* Technická podpora
* Analýza a riešenie prevádkových problémov

Správa systémových prostredi AIX, Linux, Windows

* monitoring
* aktualizácie
* konfigurácia

**Komunikačné rozhranie:**

- email

- telefón

- Service desk

- Konzultačné stretnutia

**Rozsah: maximálne 7 človekodní mesačne**

# Inštalačné a konfiguračné práce

**Poskytnutie inštalačných a konfiguračných prác pre správu IaaS infraštruktúry**

**Špecifikácia služby:**

1. Inštalácie zdrojov pre správu IaaS (virtualizačná platforma PowerVM, VMWare)
   * konfigurácie serverov (sieťová konfigurácia, konfigurácia technických účtov, a zaradenie do virtualizačnej infraštruktúry)
   * zaradenia serverov do virtualizačnej infraštruktúry
   * vytvorenia a konfigurácie virtualizačnej vrstvy a manažmentu virtualizačnej vrstvy
   * vytvorenie technologického prostredia a vytvorenie a konfigurácia golden image
   * konfigurácia integrácie do zálohovacieho systému
2. Integrácia zdrojov virtualizačnej platformy s orchestračnou vrstvou
   * Zaradenie výpočtových nódov/serverov do orchestračnej platformy
3. Inštalácia zdrojov pre správu IaaS (storage platforma)
   * Konfigurácia kontrolerov (sieťová konfigurácia)
   * Vytvorenie a konfigurácia RAID pre diskové skupiny tier1, tier2, tier3, auto tier
   * Vytvorenie a konfigurácia diskových skupín tier1, tier2, tier3, auto tier
   * Konfigurácia integrácie do monitorovacieho nástroja
4. Integrácia zdrojov storage platformy - Storage s orchestračnou vrstvou
   * Zaradenie Storage do orchestračnej platformy
5. Inštalácia nástroja na správu IaaS – Orchestrátora
   * Inštalácia hypervízora pre orchestrátor
   * Inštalácia centrálnych serverov orchestrátora:
     + Databáza
     + IaaS Gateway, Správa prístupov, Knižnica vzorových VM
     + UserInterface a personalizácia admin rozhrania
     + Process Manager
   * Pripojenie k manažmentovej sieti
   * Inštalácia služieb pre
     + integráciu hypervízorov VM
6. Integrácia komponentov IaaS a vytvorenie infraštruktúrnych virtuálnych objektov pre:
   * Virtualizačnú platformu (vytvorenie a správa VM)
   * LAN sieťové služby (komunikačné spojenia a pravidlá na firewall-och)
   * Storage služby (vytvorenie diskového priestoru, LUN masking a zónovanie SAN)
7. Tvorba a rozširovanie katalógu služieb
   * Tvorba generickej služby skladaním komponentov IaaS
   * Tvorba procesného toku služby
   * Personalizácia generickej služby pre tenantov
8. Tvorba základného reportingu a modelu sledovania využívania zdrojov
9. Funkčné testy
   * Testy funkčnosti vytvorenia VM v prostredí MGMT serverov
   * Testy funkčnosti vytvorenia VM v prostredí virtualizačnej vrstvy
   * Testy funkčnosti vytvorenia VM v prostredí orchestrácie
   * Testy funkčnosti a redundantnosti diskových radičov
   * Testy funkčnosti integrácie v prostredí serverov
   * Testy funkčnosti integrácie v prostredí virtualizácie
10. Školenie administrátorov

**Rozsah: maximálne 130 človekodní mesačne**

# Odborné konzultácie

**Podpora a poskytnutie odborných konzultácií pri migráciách a prepájaniach ISVS do vládneho cloudu**

Účelom týchto činností je zabezpečenie podpory organizácií, pri migrácii ich ISVS do vládneho cloudu a to konkrétne v nasledujúcich fázach:

1. **Analýza a plánovanie**

Účelom činnosti je pripraviť analýzu a plán migrácie IKT, na základe ktorého sa budú jednotlivé aktivity presunu realizovať. Dôležité je pokryť celý proces presunu vrátane otestovania a prechodu do prevádzky. Taktiež je potrebné stanoviť plán obnovy do pôvodného stavu, pre prípad zlyhania samotnej migrácie. V jednotlivých krokoch samozrejme spôsoby riešenia závisia od migrovaných prostriedkov a zvolených služieb z katalógu služieb.

1. Naplánovanie spôsobu migrácie
2. Harmonogram migrácie IKT
3. **Migrácia**

Činnosti majú zabezpečiť podporu realizácie schválených harmonogramov migrácie IKT. Vzhľadom na väčšie množstvo plánovaných aktivít, je požadované dodržanie jednotného postupu. Účelom postupu je zabezpečiť plynulý prechod migrovaných prostriedkov do prevádzky a zároveň eliminovať riziká, ktoré by mohli vyplývať z opomenutia niektorých krokov v prípade, ak by neexistoval takýto spoločný postup.

Tieto činnosti obsahujú:

1. Posúdenie pripravenosti migrácie
2. Realizácia presunu v krokoch
   * + Presun
     + Riešenie bezpečnosti (nastavenie prístupových práv a.p.)
     + Testovanie
3. Príprava na prechod do prevádzky
   * + Zapojenie na dohľad (monitoring, „service desk“)
     + Asistencia pri prechode do prevádzky

**Garantované SLA pre poskytovanie technickej podpory:**

Dostupnosť 24/7 (t.j. 24 hodín 7 dní v týždni). Reakčná doba pre túto službu je do 48 hodín v pracovných dňoch a termíny na poskytnutie služieb budú závislé od vzájomnej dohody medzi poskytovateľom a objednávateľom vzhľadom na komplexnosť a rozsah poskytovanej technickej podpory.

**Rozsah: maximálne 7 človekodní mesačne**

# Služby Helpdesku

HelpDesk poskytovateľa poskytuje nepretržitú servisnú pohotovosť pre nahlasovanie porúch 24 hodín denne, 7 dní v týždni a prijíma hlásenia od oprávnených pracovníkov objednávateľa, ako aj od oprávnených pracovníkov tretích strán poskytujúcich služby v súvislosti so servisovanými zariadeniami objednávateľa.

V záujme neodkladného riešenia problémových udalostí HelpDesk zabezpečuje:

* nahlasovanie porúch na zmluvné servisné organizácie
* poskytuje primárnu telefonickú asistenciu pri riešení problému
* koordinuje činnosti smerujúce k vyriešeniu problému
* navrhuje primerané reakcie na hlásenia, a podľa potreby eskaluje udalosti na určených pracovníkov objednávateľa
* sleduje postup riešenia problému
* zaznamenáva vykonávané kroky všetkých zúčastnených až do úplného vyriešenia problému

Možnosť nahlasovania porúch/požiadaviek:

* telefonicky, spätné volanie do 30 minút v režime 24x7,
* emailom, pričom sa požaduje spätné potvrdenie emailu do 30 minút,
* prístupom na helpdeskovú aplikáciu.

V rámci preventívnych činností v rámci HelpDesku:

* sleduje termíny plánu pravidelných servisných prehliadok
* iniciuje ich včasné vykonávanie,
* vypracováva pravidelné mesačné hlásenia objednávateľovi o činnosti, stave a poruchovosti monitorovaných zariadení.

Služba HelpDesk pozostáva z nasledujúcich služieb:

* Reporting
* Riešenie hlásení a problémov
* Kontrola plánu preventívnych činností
* Vedenie dispečerského denníka
* Asistencia zúčastneným stranám
* Informovanie o priebehu servisnej činnosti
* Eskalácia problémov u objednávateľa

**Reporting**

Reporting predstavuje základný nástroj pre vyhodnocovanie prevádzky dátového centra z dlhodobejšieho hľadiska. Poskytovateľ bude poskytovať nasledovné reporty:

* report o plnení plánu preventívnych činností - 1x za 2 mesiace;
* report o počte porúch zariadení a ich trvaní a o počte servisných zásahov - 1x za mesiac;
* reporty z kritických problémov alebo servisných zásahov – vypracované na základe požiadavky objednávateľa;
* sumárny ročný report.

**Riešenie hlásení a problémov**

V záujme neodkladného riešenia problémových udalostí musí dispečing zabezpečovať:

* nahlasovanie porúch na zmluvné servisné organizácie,
* poskytovať primárnu telefonickú asistenciu pri riešení problému,
* koordinovať činnosti smerujúce k vyriešeniu problému,
* sledovať postup riešenia problému
* a zaznamenávať vykonávané kroky všetkých zúčastnených až do úplného vyriešenia problému.

**Garantované SLA:**

Dostupnost 24/7 (t.j. 24 hodín 7 dní v týždni).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parametre** | **Priorita** | | | |
| **1** | **2** | **3** | **4** |
| Reakčná doba\* | 4 hod. | 12 hod. | 24 hod. | 48 hod. |
| Doba odstránenia problému | 1 pracovný deň | 3 pracovné dni | 5 pracovných dni | 10 pracovných dní |

\*Súčasťou reakčnej doby je aj rámcový návrh riešenia, za podmienky poskytnutia potrebnej súčinnosti zo strany objednávateľa.

Je v zodpovednosti servisnej podpory:

* zaznamenať incident a určiť prioritu na základe nasledovnej matice:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dopad** | Vysoký | **3** | **2** | **1** |
| Stredný | **4** | **3** | **2** |
| Nízky | **4** | **4** | **3** |
|  |  | Nízka | Stredná | Vysoká |
|  |  |  | **Urgencia** |  |

**Vedenie dispečerského denníka**

Dispečing objednávateľa bude viesť dispečerský denník udalostí (papierové alebo elektronické zaznamenávanie hlásení).

**Asistencia zúčastneným stranám**

Služba poskytuje zabezpečenie telefonickej alebo e-mailovej asistencie (podpory) pre objednávateľa a dodávateľa podieľajúce sa na servisnom zásahu alebo preventívnej činnosti, tj. dispečer všetko dohodne a objednávateľovi a dodávateľovi poskytne potrebné informácie (napr. kto, kedy a za kým príde).

**Informovanie o priebehu servisnej činnosti**

Služba predstavuje informovanie objednávateľa o priebehu servisnej činnosti (e-mailom, telefonicky), t.j. začiatok, ukončenie, ako servisný zásah prebiehal, história už zrealizovaných krokov vrátane vyhodnotenia ich úspešnosti.

**Eskalácia problémov u objednávateľa**

V prípade zistenia problému bude dispečing neodkladne tento stav hlásiť (telefonicky alebo e-mailom) oprávneným zástupcom objednávateľa.

Podrobná eskalačná matica bude dohodnutá medzi zmluvnými stranami do 10 kalendárnych dní od účinnosti zmluvy.

*Poznámka: Za rok 2020 bolo prostredníctvom Helpdesku riešených celkovo 243 incidentov.*