

**A P P E N D I X A**

**Material List Example**

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**Store—MSP Store**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | **Catalog Num** | **Vendor** |  | **Description** | | **Qty** |  |
|  |  |  |  |  |  | |  |  |
|  | **AIR-CAP3502I-A-K9** | AIR-CAP3502I-A-K9 | Cisco |  | 802.11a/g/n Ctrlr-based AP w/CleanAir; Int Ant; | | 5 |  |
|  |  |  |  |  | A Reg Domain | |  |  |
|  |  |  |  |  |  | |  |  |
|  | AIR-AP-BRACKET-1 | AIR-AP-BRACKET-1 | Cisco |  | Cisco 1040/1140/1260/3500 Low Profile | | 5 |  |
|  |  |  |  |  | Mounting Bracket (Default) | |  |  |
|  |  |  |  |  |  | |  |  |
|  | AIR-AP-T-RAIL-R | AIR-AP-T-RAIL-R | Cisco |  | Ceiling Grid Clip for Aironet APs - Recessed | | 5 |  |
|  |  |  |  |  | Mount (Default) | |  |  |
|  |  |  |  |  |  | |  |  |
|  | CON-SNT-CAP352IA | CON-SNT-CAP352IA | Cisco |  | Cisco SMARTNET 8X5XNBD 802.11a/g/n | | 5 |  |
|  |  |  |  |  | Ctrlr-based AP w/CleanAir; I | |  |  |
|  |  |  |  |  |  | |  |  |
|  | S3G1RK9W8-12423JA | S3G1RK9W8-12423JA | Cisco |  | Cisco 3500 Series IOS Wireless LAN | | 5 |  |
|  |  |  |  |  | Controller-based Recovery | |  |  |
|  |  |  |  |  |  | |  |  |
|  | **AIR-WLC2125-K9** | AIR-WLC2125-K9 | Cisco |  | Cisco 2100 Series WLAN Controller for up to 25 | | 1 |  |
|  |  |  |  |  | Lightweight APs | |  |  |
|  |  |  |  |  |  | |  |  |
|  | ASA5505-PWR-AC | ASA5505-PWR-AC | Cisco |  | Cisco ASA 5505 AC Power Supply Adapter | | 1 |  |
|  |  |  |  |  |  | |  |  |
|  | SSC-BLANK | SSC-BLANK | Cisco |  | Cisco ASA 5505 SSC Blank Slot Cover | | 1 |  |
|  |  |  |  |  |  | |  |  |
|  | SWLC2100K9-70-ER | SWLC2100K9-70-ER | Cisco |  | Cisco Unified Wireless Controller SW Release | | 1 |  |
|  |  |  |  |  | 7.0 |  |  |  |
|  |  |  |  |  |  | |  |  |
|  | CAB-AC-C5 | CAB-AC-C5 | Cisco |  | AC Power Cord, Type C5, US | | 1 |  |
|  |  |  |  |  |  | |  |  |
|  | **CON-SNT-AC2125K9** | CON-SNT-AC2125K9 | Cisco |  | SMARTNET 8X5XNBD WLAN Controller for | | 1 |  |
|  |  |  |  |  | for Retail | |  |  |
|  |  |  |  |  |  | |  |  |
|  | SWLC2100K9-70 | SWLC2100K9-70 | Cisco |  | Cisco Unified Wireless Controller SW Release | | 1 |  |
|  |  |  |  |  | 7.0 |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **OL-13453-01** |  |  |  |  |  | **A-1** |  |
|  |  |  |  |  |  |  |

**Appendix A** **Bill Of Material**

**Store—MSP Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ASA5510-AIP10SP-K9 | ASA5510-AIP10SP-K9 | Cisco | Cisco ASA 5510 with AIP-SSM-10, 2GE+3FE, | 1 |
|  |  |  | SW, HA,3DES/AES, SEC PLUS |  |
|  |  |  |  |  |
| ASA5510-SEC-PL | ASA5510-SEC-PL | Cisco | Cisco ASA 5510 Security Plus License w/ HA, | 1 |
|  |  |  | GE, more VLANs + conns |  |
|  |  |  |  |  |
| CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 1 |
|  |  |  | 5-15P, 2.1m |  |
|  |  |  |  |  |
| CON-NSST-AS1A1PK9 | CON-NSST-AS1A1PK9 | Cisco | NOS 8X5XNBD ASA5510-AIP10SP-K9 | 1 |
|  |  |  |  |  |
| SF-ASA-8.3-K8 | SF-ASA-8.3-K8 | Cisco | Cisco ASA 5500 Series Software v8.3 | 1 |
|  |  |  |  |  |
| SF-ASA-AIP-7.0-K9 | SF-ASA-AIP-7.0-K9 | Cisco | Cisco ASA 5500 Series AIP Sofware 7.0 for | 1 |
|  |  |  | Security Service Modules |  |
|  |  |  |  |  |
| **CIAC-GW-K9** | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 4 |
|  |  |  |  |  |
| CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 4 |
|  |  |  | Version 1.0 |  |
|  |  |  |  |  |
| CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 4 |
|  |  |  |  |  |
| **CIVS-IPC-2421** | CIVS-IPC-2421 | Cisco | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, | 1 |
|  |  |  | Smoked, CM |  |
|  |  |  |  |  |
| CON-SNT-IPC2421 | CON-SNT-IPC2421 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2421 | 1 |
|  |  |  |  |  |
| **CIVS-IPC-2500** | CIVS-IPC-2500 | Cisco | Cisco 2500 IP Camera, Full Resolution, | 1 |
|  |  |  | Day/Night |  |
|  |  |  |  |  |
| CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | 1 |
|  |  |  |  |  |
| CIVS-IPC-VT55 | CIVS-IPC-VT55 | Cisco | Cisco IP Camera Tamron 5-50mm Varifocal Lens | 1 |
|  |  |  |  |  |
| CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | 1 |
|  |  |  | for Encode/Dec |  |
|  |  |  |  |  |
| CON-SNT-IPC2500 | CON-SNT-IPC2500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2500 | 1 |
|  |  |  |  |  |
| **CIVS-IPC-2520V** | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | 1 |
|  |  |  |  |  |
| CON-SNT-IPC2520 | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | 1 |
|  |  |  |  |  |
| **CIVS-IPC-2521V** | CIVS-IPC-2521V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, Smoked, VR | 1 |
|  |  |  |  |  |
| CON-SNT-IPC2521 | CON-SNT-IPC2521 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2521V | 1 |
|  |  |  |  |  |
| **CIVS-IPC-4500** | CIVS-IPC-4500 | Cisco | Cisco 4500 IP Camera, HD, DSP, Day/Night | 1 |
|  |  |  |  |  |
| CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | 1 |
|  |  |  |  |  |
| CIVS-IPC-VFM15-50 | CIVS-IPC-VFM15-50 | Cisco | Cisco IP Camera Lens Megapixel 15-50mm | 1 |
|  |  |  | Fujinon |  |
|  |  |  |  |  |

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**Appendix A** **Bill Of Material**

**Store—MSP Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | 1 |
|  |  |  | for Encode/Dec |  |
|  |  |  |  |  |
| CON-SNT-IPC4500 | CON-SNT-IPC4500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-4500 | 1 |
|  |  |  |  |  |
| **CIVS-IPC-5010** | CIVS-IPC-5010 | Cisco | Cisco Video Surveillance IP Camera, Indoor HD | 1 |
|  |  |  | Dome (Clear) |  |
|  |  |  |  |  |
| CON-SNT-CIVSIPC1 | CON-SNT-CIVSIPC1 | Cisco | SMARTNET 8X5XNBD Cisco Video | 1 |
|  |  |  | Surveillance IP Camera |  |
|  |  |  |  |  |
| **CIVS-IPC-5011** | CIVS-IPC-5011 | Cisco | Cisco Video Surveillance IP Camera, Indoor HD | 1 |
|  |  |  | Dome (Smoked) |  |
|  |  |  |  |  |
| CON-SNT-CIVSIPC0 | CON-SNT-CIVSIPC0 | Cisco | SMARTNET 8X5XNBD Cisco Video | 1 |
|  |  |  | Surveillance IP Camera, Indo |  |
|  |  |  |  |  |
| **CIVS-MSP-1RU** | CIVS-MSP-1RU | Cisco | 1RU MSP Assembly | 1 |
|  |  |  |  |  |
| CIVS-CAB-16-AC | CIVS-CAB-16-AC | Cisco | CIVS C16 Power Cable North America | 1 |
|  |  |  |  |  |
| CIVS-HDD-1000 | CIVS-HDD-1000 | Cisco | 1TB SATA Drive for CIVS-MSP | 4 |
|  |  |  |  |  |
| CIVS-MS-SW6.2 | CIVS-MS-SW6.2 | Cisco | CIVS-MS Media Server v6.2 Software License | 1 |
|  |  |  | with Hardware |  |
|  |  |  |  |  |
| CIVS-VSM-SW4262 | CIVS-VSM-SW4262 | Cisco | CIVS-VSM Video Surveillance Manager v4.2/6.2 | 1 |
|  |  |  | SW Mfg Image |  |
|  |  |  |  |  |
| CON-SNT-VSM1U | CON-SNT-VSM1U | Cisco | SMARTNET 8X5XNBD 1RU MSP Assembly | 1 |
|  |  |  |  |  |
| **CIVS-OM-SW4.1=** | CIVS-OM-SW4.1= | Cisco | CIVS-OM Operations Manager v4.1 Software | 1 |
|  |  |  | Only |  |
|  |  |  |  |  |
| CON-SAS-OMSW41 | CON-SAS-OMSW41 | Cisco | SW APP SUPP CIVS-OM Operations Manager | 1 |
|  |  |  | v4.1 Software |  |
|  |  |  |  |  |
| **CIVS-VM-1DFL=** | CIVS-VM-1DFL= | Cisco | Cisco VS Virtual Matrix Client License, 1 client | 1 |
|  |  |  |  |  |
| CON-SAS-VSVMCL1 | CON-SAS-VSVMCL1 | Cisco | SW APP SUPP CIVS-VM-1DFL | 1 |
|  |  |  |  |  |
| **CIVS-VM-SW6.2=** | CIVS-VM-SW6.2= | Cisco | CIVS-VM Virtual Matrix v6.2 Software License | 1 |
|  |  |  |  |  |
| CON-SAS-VMSW62 | CON-SAS-VMSW62 | Cisco | SW APP SUPP CIVS-VM Virtual Matrix v6.2 | 1 |
|  |  |  | Software Lic |  |
|  |  |  |  |  |
| **WS-C2960S-48FPS-L** | WS-C2960S-48FPS-L | Cisco | Catalyst 2960S 48 GigE PoE 740W, 4 x SFP LAN | 1 |
|  |  |  | Base |  |
|  |  |  |  |  |
| CAB-L620P-C13-US | CAB-L620P-C13-US | Cisco | Power Cord, 250VAC, 15A, NEMA L6-20 to | 1 |
|  |  |  | C13, US |  |
|  |  |  |  |  |

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**Appendix A** **Bill Of Material**

**Store—Convenience Store**

**Store—Convenience Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Catalog Num** | **Vendor** | **Description** | **Qty** |
|  |  |  |  |  |
| **AIR-LAP1042N-A-K9** | AIR-LAP1042N-A-K9 | Cisco | 802.11a/g/n Fixed Unified AP; Int Ant; A Reg | 1 |
|  |  |  | Domain |  |
|  |  |  |  |  |
| AIR-AP-BRACKET-1 | AIR-AP-BRACKET-1 | Cisco | 1040/1140/1260/3500 Low Profile Mounting | 1 |
|  |  |  | Bracket (Default) |  |
|  |  |  |  |  |
| AIR-AP-T-RAIL-R | AIR-AP-T-RAIL-R | Cisco | Ceiling Grid Clip for Aironet APs - Recessed | 1 |
|  |  |  | Mount (Default) |  |
|  |  |  |  |  |
| CON-SNT-L1042A | CON-SNT-L1042A | Cisco | SMARTNET 8X5XNBD 802.11a/g/n Fixed Un | 1 |
|  |  |  |  |  |
| S104RK9W-12423JA | S104RK9W-12423JA | Cisco | Cisco 1040 Series IOS WIRELESS LAN LWAPP | 1 |
|  |  |  | RECOVERY |  |
|  |  |  |  |  |
| **CIAC-GW-K9** | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 1 |
|  |  |  |  |  |
| CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 1 |
|  |  |  | Version 1.0 |  |
|  |  |  |  |  |
| CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 1 |
|  |  |  |  |  |
| **CISCO891W-AGN-A-K9** | CISCO891W-AGN-A-K | Cisco | Cisco 891 GigaE SecRouter w/ 802.11n a/b/g | 1 |
|  | 9 |  | FCC Comp |  |
|  |  |  |  |  |
| AIR-ANTM2050D-R | AIR-ANTM2050D-R | Cisco | 2.2dBi/2.4Ghz,5.0dBi/5GHz DualBand Dipole | 3 |
|  |  |  | Antenna |  |
|  |  |  |  |  |
| CAB-AC2 | CAB-AC2 | Cisco | AC Power cord North America | 1 |
|  |  |  |  |  |
| CAB-ETH-S-RJ45 | CAB-ETH-S-RJ45 | Cisco | Yellow Cable for Ethernet, Straight-through, | 1 |
|  |  |  | RJ-45, 6 feet |  |
|  |  |  |  |  |
| ISR-CCP-EXP | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | 1 |
|  |  |  |  |  |
| PWR-80W-AC | PWR-80W-AC | Cisco | Power Supply 80 Watt AC | 1 |
|  |  |  |  |  |
| S890VK9-15001M | S890VK9-15001M | Cisco | Cisco 890 Series IOS UNIVERSAL | 1 |
|  |  |  |  |  |
| SL-890-AIS | SL-890-AIS | Cisco | Cisco 890 Advanced IP Services License | 1 |
|  |  |  |  |  |
| 800-IL-PM-4 | 800-IL-PM-4 | Cisco | 4 Port 802.3af capable pwr module for 890 Series | 1 |
|  |  |  | Router |  |
|  |  |  |  |  |
| CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 1 |
|  |  |  | 5-15P, 2.1m |  |
|  |  |  |  |  |
| CON-SNT-C891WAK9 | CON-SNT-C891WAK9 | Cisco | SMARTNET 8X5XNBD Cisco 891 GigaE | 1 |
|  |  |  | SecRouter |  |
|  |  |  |  |  |
| MEM8XX-512U768D | MEM8XX-512U768D | Cisco | DRAM Upgrade 512 MB to 768 MB | 1 |
|  |  |  |  |  |

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**Appendix A** **Bill Of Material**

**Stores—Mini Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CIVS-IPC-2421** | CIVS-IPC-2421 | Cisco | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, | 1 |
|  |  |  | Smoked, CM |  |
|  |  |  |  |  |
| CON-SNT-IPC2421 | CON-SNT-IPC2421 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2421 | 1 |
|  |  |  |  |  |
| **CIVS-IPC-2500** | CIVS-IPC-2500 | Cisco | Cisco 2500 IP Camera, Full Resolution, | 1 |
|  |  |  | Day/Night |  |
|  |  |  |  |  |
| CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | 1 |
|  |  |  |  |  |
| CIVS-IPC-VT55 | CIVS-IPC-VT55 | Cisco | Cisco IP Camera Tamron 5-50mm Varifocal Lens | 1 |
|  |  |  |  |  |
| CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | 1 |
|  |  |  | for Encode/Dec |  |
|  |  |  |  |  |
| CON-SNT-IPC2500 | CON-SNT-IPC2500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2500 | 1 |
|  |  |  |  |  |
| **WS-C2960PD-8TT-L** | WS-C2960PD-8TT-L | Cisco | Catalyst 2960 Powered Device 8 10/100 + 1 | 1 |
|  |  |  | 1000BT LAN Base |  |
|  |  |  |  |  |
| CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 1 |
|  |  |  | 5-15P, 2.1m |  |
|  |  |  |  |  |
| CON-SNT-C2960P8T | CON-SNT-C2960P8T | Cisco | SMARTNET 8X5XNBD Cat2960 Pwrd Device 8 | 1 |
|  |  |  | 10/100-1 1K BT LAN |  |
|  |  |  |  |  |
| PWR-A | PWR-A | Cisco | Pwr Sply In:100-240VAC Out:48VDC 380mA- | 1 |
|  |  |  | 2960PD-8TT-L |  |
|  |  |  |  |  |

**Stores—Mini Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Catalog Num** | **Vendor** | **Description** | **Qty** |
|  |  |  |  |  |
| **AIR-LAP1042N-A-K9** | AIR-LAP1042N-A-K9 | Cisco | 802.11a/g/n Fixed Unified AP; Int Ant; A Reg | 1 |
|  |  |  | Domain |  |
|  |  |  |  |  |
| AIR-AP-BRACKET-1 | AIR-AP-BRACKET-1 | Cisco | 1040/1140/1260/3500 Low Profile Mounting | 1 |
|  |  |  | Bracket (Default) |  |
|  |  |  |  |  |
| AIR-AP-T-RAIL-R | AIR-AP-T-RAIL-R | Cisco | Ceiling Grid Clip for Aironet APs - Recessed | 1 |
|  |  |  | Mount (Default) |  |
|  |  |  |  |  |
| CON-SNT-L1042A | CON-SNT-L1042A | Cisco | SMARTNET 8X5XNBD 802.11a/g/n Fixed Un | 1 |
|  |  |  |  |  |
| S104RK9W-12423JA | S104RK9W-12423JA | Cisco | Cisco 1040 Series IOS WIRELESS LAN LWAPP | 1 |
|  |  |  | RECOVERY |  |
|  |  |  |  |  |
| **CIAC-GW-K9** | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 1 |
|  |  |  |  |  |
| CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 1 |
|  |  |  | Version 1.0 |  |
|  |  |  |  |  |
| CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 1 |
|  |  |  |  |  |

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**Appendix A** **Bill Of Material**

**Stores—Mini Store**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CISCO1941W-A/K9** | | | CISCO1941W-A/K9 | Cisco | Cisco 1941 Router w/ 802.11 a/b/g/n FCC | 1 |  |
|  |  |  |  |  |  | Compliant WLAN ISM |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-ADSL-RJ11 | | | CAB-ADSL-RJ11 | Cisco | Lavender Cable for xDSL, Straight-through, | 1 |  |
|  |  |  |  |  |  | RJ-11, 6 feet |  |  |
|  |  | | |  |  |  |  |  |
|  | ISR-CCP-EXP | | | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | 1 |  |
|  |  | | |  |  |  |  |  |
|  | S801RK9W-12421JA | | | S801RK9W-12421JA | Cisco | Cisco 801 Series IOS WIRELESS LAN LWAPP | 1 |  |
|  |  |  |  |  |  | RECOVERY |  |  |
|  |  | | |  |  |  |  |  |
|  | S801W7K9-12421JA | | | S801W7K9-12421JA | Cisco | Cisco 801 Series IOS WIRELESS LAN | 1 |  |
|  |  | | |  |  |  |  |  |
|  | SL-19-IPB-K9 | | | SL-19-IPB-K9 | Cisco | IP Base License for Cisco 1900 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 1 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-1941WA | | | CON-SNT-1941WA | Cisco | SMARTNET 8X5XNBD Cisco 1941 Router w/ | 1 |  |
|  |  |  |  |  |  | 802.11 a/b/g/n FCC |  |  |
|  |  | | |  |  |  |  |  |
|  | HWIC-1ADSL | | | HWIC-1ADSL | Cisco | 1-port ADSLoPOTS HWIC | 1 |  |
|  |  | | |  |  |  |  |  |
|  | HWIC-3G-HSPA-A | | | HWIC-3G-HSPA-A | Cisco | 3G HWIC ATT HSPA/UMTS | 1 |  |
|  |  |  |  |  |  | 850/1900/2100MHz; Quad-band 2G |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-1900-512U2.5GB | | | MEM-1900-512U2.5GB | Cisco | 512MB to 2.5GB DRAM Upgrade | 1 |  |
|  |  |  |  |  |  | (2GB+512MB) for Cisco 1941 ISR |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-CF-256U2GB | | | MEM-CF-256U2GB | Cisco | 256MB to 2GB Compact Flash Upgrade for | 1 |  |
|  |  |  |  |  |  | Cisco 1900,2900,3900 |  |  |
|  |  | | |  |  |  |  |  |
|  | PWR-1941-POE | | | PWR-1941-POE | Cisco | Cisco 1941 AC Power Supply with Power Over | 1 |  |
|  |  |  |  |  |  | Ethernet |  |  |
|  |  | | |  |  |  |  |  |
|  | S19UK9-15102T | | | S19UK9-15102T | Cisco | Cisco 1900 IOS UNIVERSAL | 1 |  |
|  |  | | |  |  |  |  |  |
|  | SL-19-SEC-K9 | | | SL-19-SEC-K9 | Cisco | Security License for Cisco 1900 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2421** | | | CIVS-IPC-2421 | Cisco | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, | 1 |  |
|  |  |  |  |  |  | Smoked, CM |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2421 | | | CON-SNT-IPC2421 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2421 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2500** | | | CIVS-IPC-2500 | Cisco | Cisco 2500 IP Camera, Full Resolution, | 1 |  |
|  |  |  |  |  |  | Day/Night |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-CAB-BAC | | | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-IPC-VT55 | | | CIVS-IPC-VT55 | Cisco | Cisco IP Camera Tamron 5-50mm Varifocal Lens | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-PWRPAC-12V | | | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | 1 |  |
|  |  |  |  |  |  | for Encode/Dec |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2500 | | | CON-SNT-IPC2500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2500 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C2960G-8TC-L** | | | WS-C2960G-8TC-L | Cisco | Cisco Catalyst 2960 7 10/100/1000 + 1 T/SFP | 2 |  |
|  |  |  |  |  |  | LAN Base |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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|  | **A-6** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Small Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CAB-AC-RA | CAB-AC-RA | Cisco | Power Cord,110V, Right Angle | 2 |
|  |  |  |  |  |
| CON-SNT-C2960G8C | CON-SNT-C2960G8C | Cisco | SMARTNET 8X5XNBD Catalyst 2960 7 10/1 | 2 |
|  |  |  |  |  |
| GLC-SX-MM= | GLC-SX-MM= | Cisco | GE SFP, LC connector SX transceiver | 2 |
|  |  |  |  |  |
| PWR-CLIP | PWR-CLIP | Cisco | Power retainer clip for compact switches | 2 |
|  |  |  |  |  |
| RCKMNT-19-CMPCT= | RCKMNT-19-CMPCT= | Cisco | 19in RackMount for Cisco Catalyst | 2 |
|  |  |  | 3560,2960,ME-3400 Compact Switch |  |
|  |  |  |  |  |

**Stores—Small Store**

|  |  |  |  |  |  |  |  |  |
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|  | **Name** | **Catalog Num** | **Vendor** |  | **Description** |  | **Qty** | |
|  |  |  |  |  |  |  |  |  |
|  | **AIR-CAP3502E-A-K9** | AIR-CAP3502E-A-K9 | Cisco |  | 802.11a/g/n Ctrlr-based AP w/CleanAir; Ext |  | 2 |  |
|  |  |  |  |  | Ant; A Reg Domain |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | AIR-AP-BRACKET-1 | AIR-AP-BRACKET-1 | Cisco |  | 1040/1140/1260/3500 Low Profile Mounting |  | 2 |  |
|  |  |  |  |  | Bracket (Default) |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | AIR-AP-T-RAIL-R | AIR-AP-T-RAIL-R | Cisco |  | Ceiling Grid Clip for Aironet APs - Recessed |  | 2 |  |
|  |  |  |  |  | Mount (Default) |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | AIR-ANT2422DW-R | AIR-ANT2422DW-R | Cisco |  | 2.4 GHz 2.2 dBi Swivel Dipole Antenna White, |  | 6 |  |
|  |  |  |  |  | RP-TNC |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | AIR-ANT5135DW-R | AIR-ANT5135DW-R | Cisco |  | 5 GHz 3.5 dBi Swivel Dipole Antenna White, |  | 6 |  |
|  |  |  |  |  | RP-TNC |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-CAP3502A | CON-SNT-CAP3502A | Cisco |  | SMARTNET 8X5XNBD 802.11a/g/n |  | 2 |  |
|  |  |  |  |  | Ctrlr-based AP w/CleanAir; E |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | S3G1RK9W8-12423JA | S3G1RK9W8-12423JA | Cisco |  | Cisco 3500 Series IOS Wireless LAN |  | 2 |  |
|  |  |  |  |  | Controller-based Recovery |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **AIR-CAP3502I-A-K9** | AIR-CAP3502I-A-K9 | Cisco |  | 802.11a/g/n Ctrlr-based AP w/CleanAir; Int Ant; |  | 2 |  |
|  |  |  |  |  | A Reg Domain |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | AIR-AP-BRACKET-1 | AIR-AP-BRACKET-1 | Cisco |  | 1040/1140/1260/3500 Low Profile Mounting |  | 2 |  |
|  |  |  |  |  | Bracket (Default) |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | AIR-AP-T-RAIL-R | AIR-AP-T-RAIL-R | Cisco |  | Ceiling Grid Clip for Aironet APs - Recessed |  | 2 |  |
|  |  |  |  |  | Mount (Default) |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-CAP352IA | CON-SNT-CAP352IA | Cisco |  | SMARTNET 8X5XNBD 802.11a/g/n |  | 2 |  |
|  |  |  |  |  | Ctrlr-based AP w/CleanAir; I |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | S3G1RK9W8-12423JA | S3G1RK9W8-12423JA | Cisco |  | Cisco 3500 Series IOS Wireless LAN |  | 2 |  |
|  |  |  |  |  | Controller-based Recovery |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIAC-GW-K9** | CIAC-GW-K9 | Cisco |  | Cisco Physical Access Gateway |  | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco |  | Cisco Physical Access Gateway Software |  | 2 |  |
|  |  |  |  |  | Version 1.0 |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-7** |  |
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**Appendix A** **Bill Of Material**

**Stores—Small Store**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CON-SNT-GWK9 | | | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | **CISCO2921-SEC/K9** | | | CISCO2921-SEC/K9 | Cisco | Cisco 2921 Security Bundle w/SEC license PAK | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | CAB-ADSL-RJ11 | | | CAB-ADSL-RJ11 | Cisco | Lavender Cable for xDSL, Straight-through, | | 1 |  |
|  |  |  |  |  |  | RJ-11, 6 feet |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | ISR-CCP-EXP | | | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | PWR-2921-51-AC | | | PWR-2921-51-AC | Cisco | Cisco 2921/2951 AC Power Supply | | 1 |  |
|  |  | | |  |  |  |  |  |  |
|  | SL-29-IPB-K9 | | | SL-29-IPB-K9 | Cisco | IP Base License | for Cisco 2901-2951 | 1 |  |
|  |  | | |  |  |  |  |  |  |
|  | SL-29-SEC-K9 | | | SL-29-SEC-K9 | Cisco | Security License | for Cisco 2901-2951 | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | SM-DSK-SATA-500GB | | | SM-DSK-SATA-500GB | Cisco | 500 GB hard disk drive for SRE SM | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | SM-MEM-VLP-2GB | | | SM-MEM-VLP-2GB | Cisco | 2GB Very Low Profile SDRAM for SRE SM | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | | 1 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | CON-SNT-2921SEC | | | CON-SNT-2921SEC | Cisco | SMARTNET 8X5XNBD Cisco 2921 Security | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | DISK-MODE-RAID-0 | | | DISK-MODE-RAID-0 | Cisco | Configure hard drives as RAID 0 | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | FL-VMSS-SM-MS | | | FL-VMSS-SM-MS | Cisco | Video Management and Storage System Media | | 1 |  |
|  |  |  |  |  |  | Server License |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | FL-VMSS-SM-OM | | | FL-VMSS-SM-OM | Cisco | Video Management and Storage System | | 1 |  |
|  |  |  |  |  |  | Operations Manager Licen | |  |  |
|  |  | | |  |  |  | |  |  |
|  | HWIC-1ADSL | | | HWIC-1ADSL | Cisco | 1-port ADSLoPOTS HWIC | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | HWIC-3G-HSPA-A | | | HWIC-3G-HSPA-A | Cisco | 3G HWIC ATT HSPA/UMTS | | 1 |  |
|  |  |  |  |  |  | 850/1900/2100MHz; Quad-band 2G | |  |  |
|  |  | | |  |  |  | |  |  |
|  | MEM-2900-512U2.5G | | | MEM-2900-512U2.5GB | Cisco | 512MB to 2.5GB DRAM Upgrade | | 1 |  |
|  | B | | |  |  | (2GB+512MB) for Cisco 2901-2921 | |  |  |
|  |  | | |  |  |  | |  |  |
|  | MEM-CF-256U2GB | | | MEM-CF-256U2GB | Cisco | 256MB to 2GB Compact Flash Upgrade for | | 1 |  |
|  |  |  |  |  |  | Cisco 1900,2900,3900 | |  |  |
|  |  | | |  |  |  | |  |  |
|  | S29UK9-15102T | | | S29UK9-15102T | Cisco | Cisco 2901-2921 IOS UNIVERSAL | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | SM-SRE-900-K9 | | | SM-SRE-900-K9 | Cisco | Services Module with Services Ready Engine | | 1 |  |
|  |  |  |  |  |  | (SRE) |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | SM-VMSS-6.2.1-K9 | | | SM-VMSS-6.2.1-K9 | Cisco | Video Management and Storage System | | 1 |  |
|  |  |  |  |  |  | Software 6.2.1for the SM | |  |  |
|  |  | | |  |  |  | |  |  |
|  | SM9-VMSS | | | SM9-VMSS | Cisco | VMSS software contrainer for SM-SRE-900-K9 | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | VWIC2-2MFT-T1/E1 | | | VWIC2-2MFT-T1/E1 | Cisco | 2-Port 2nd Gen Multiflex Trunk Voice/WAN Int. | | 1 |  |
|  |  |  |  |  |  | Card - T1/E1 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |  |
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|  | **A-8** |  |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Small Store**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CIVS-IPC-2421** | CIVS-IPC-2421 | Cisco |  | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, |  | 1 |  |
|  |  |  |  |  | Smoked, CM |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-IPC2421 | CON-SNT-IPC2421 | Cisco |  | SMARTNET 8X5XNBD CIVS-IPC-2421 |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-IPC-2500** | CIVS-IPC-2500 | Cisco |  | Cisco 2500 IP Camera, Full Resolution, |  | 1 |  |
|  |  |  |  |  | Day/Night |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco |  | CIVS C15 Power Cable North America |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | CIVS-IPC-VT55 | CIVS-IPC-VT55 | Cisco |  | Cisco IP Camera Tamron 5-50mm Varifocal Lens |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco |  | Cisco VS External Dual Voltage Power Supply |  | 1 |  |
|  |  |  |  |  | for Encode/Dec |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-IPC2500 | CON-SNT-IPC2500 | Cisco |  | SMARTNET 8X5XNBD CIVS-IPC-2500 |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-IPC-2520V** | CIVS-IPC-2520V | Cisco |  | Cisco SD IP Dome, 2.8-10mm, D/N, VR |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-IPC2520 | CON-SNT-IPC2520 | Cisco |  | SMARTNET 8X5XNBD CIVS-IPC-2520V |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-IPC-2521V** | CIVS-IPC-2521V | Cisco |  | Cisco SD IP Dome, 2.8-10mm, D/N, Smoked, |  | 1 |  |
|  |  |  |  |  | VR |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-IPC2521 | CON-SNT-IPC2521 | Cisco |  | SMARTNET 8X5XNBD CIVS-IPC-2521V |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-IPC-4500** | CIVS-IPC-4500 | Cisco |  | Cisco 4500 IP Camera, HD, DSP, Day/Night |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco |  | CIVS C15 Power Cable North America |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | CIVS-IPC-VFM15-50 | CIVS-IPC-VFM15-50 | Cisco |  | Cisco IP Camera Lens Megapixel 15-50mm |  | 1 |  |
|  |  |  |  |  | Fujinon |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco |  | Cisco VS External Dual Voltage Power Supply |  | 1 |  |
|  |  |  |  |  | for Encode/Dec |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-IPC4500 | CON-SNT-IPC4500 | Cisco |  | SMARTNET 8X5XNBD CIVS-IPC-4500 |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-IPC-5010** | CIVS-IPC-5010 | Cisco |  | Cisco Video Surveillance IP Camera, Indoor HD |  | 1 |  |
|  |  |  |  |  | Dome (Clear) |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-CIVSIPC1 | CON-SNT-CIVSIPC1 | Cisco |  | SMARTNET 8X5XNBD Cisco Video |  | 1 |  |
|  |  |  |  |  | Surveillance IP Camera |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-IPC-5011** | CIVS-IPC-5011 | Cisco |  | Cisco Video Surveillance IP Camera, Indoor HD |  | 1 |  |
|  |  |  |  |  | Dome (Smoked) |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SNT-CIVSIPC0 | CON-SNT-CIVSIPC0 | Cisco |  | SMARTNET 8X5XNBD Cisco Video |  | 1 |  |
|  |  |  |  |  | Surveillance IP Camera, Indo |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-OM-SW4.1=** | CIVS-OM-SW4.1= | Cisco |  | CIVS-OM Operations Manager v4.1 Software |  | 1 |  |
|  |  |  |  |  | Only |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CON-SAS-OMSW41 | CON-SAS-OMSW41 | Cisco |  | SW APP SUPP CIVS-OM Operations Manager |  | 1 |  |
|  |  |  |  |  | v4.1 Software |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **CIVS-VM-1DFL=** | CIVS-VM-1DFL= | Cisco |  | Cisco VS Virtual Matrix Client License, 1 client |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |
|  |  |  |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-9** |  |
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**Appendix A** **Bill Of Material**

**Stores—Medium Store**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CON-SAS-VSVMCL1 | CON-SAS-VSVMCL1 | Cisco | SW APP SUPP CIVS-VM-1DFL | 1 |
|  |  |  |  |  |
| **CIVS-VM-SW6.2=** | CIVS-VM-SW6.2= | Cisco | CIVS-VM Virtual Matrix v6.2 Software License | 1 |
|  |  |  |  |  |
| CON-SAS-VMSW62 | CON-SAS-VMSW62 | Cisco | SW APP SUPP CIVS-VM Virtual Matrix v6.2 | 1 |
|  |  |  | Software Lic |  |
|  |  |  |  |  |
| **WS-C2960S-48FPS-L** | WS-C2960S-48FPS-L | Cisco | Cisco Catalyst 2960S 48 GigE PoE 740W, 4 x | 1 |
|  |  |  | SFP LAN Base |  |
|  |  |  |  |  |
| CAB-L620P-C13-US | CAB-L620P-C13-US | Cisco | Power Cord, 250VAC, 15A, NEMA L6-20 to | 1 |
|  |  |  | C13, US |  |
|  |  |  |  |  |

**Stores—Medium Store**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | | | **Catalog Num** | **Vendor** | **Description** | **Qty** |  |
|  |  | | |  |  |  |  |  |
|  | **AIR-CAP3502E-A-K9** | | | AIR-CAP3502E-A-K9 | Cisco | 802.11a/g/n Ctrlr-based AP w/CleanAir; Ext | 7 |  |
|  |  |  |  |  |  | Ant; A Reg Domain |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-BRACKET-1 | | | AIR-AP-BRACKET-1 | Cisco | 1040/1140/1260/3500 Low Profile Mounting | 7 |  |
|  |  |  |  |  |  | Bracket (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-T-RAIL-R | | | AIR-AP-T-RAIL-R | Cisco | Ceiling Grid Clip for Aironet APs - Recessed | 7 |  |
|  |  |  |  |  |  | Mount (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-ANT2422DW-R | | | AIR-ANT2422DW-R | Cisco | 2.4 GHz 2.2 dBi Swivel Dipole Antenna White, | 21 |  |
|  |  |  |  |  |  | RP-TNC |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-ANT5135DW-R | | | AIR-ANT5135DW-R | Cisco | 5 GHz 3.5 dBi Swivel Dipole Antenna White, | 21 |  |
|  |  |  |  |  |  | RP-TNC |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-CAP3502A | | | CON-SNT-CAP3502A | Cisco | SMARTNET 8X5XNBD 802.11a/g/n | 7 |  |
|  |  |  |  |  |  | Ctrlr-based AP w/CleanAir; E |  |  |
|  |  | | |  |  |  |  |  |
|  | S3G1RK9W8-12423JA | | | S3G1RK9W8-12423JA | Cisco | Cisco 3500 Series IOS Wireless LAN | 7 |  |
|  |  |  |  |  |  | Controller-based Recovery |  |  |
|  |  | | |  |  |  |  |  |
|  | **AIR-CAP3502I-A-K9** | | | AIR-CAP3502I-A-K9 | Cisco | 802.11a/g/n Ctrlr-based AP w/CleanAir; Int Ant; | 7 |  |
|  |  |  |  |  |  | A Reg Domain |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-BRACKET-1 | | | AIR-AP-BRACKET-1 | Cisco | 1040/1140/1260/3500 Low Profile Mounting | 7 |  |
|  |  |  |  |  |  | Bracket (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-T-RAIL-R | | | AIR-AP-T-RAIL-R | Cisco | Ceiling Grid Clip for Aironet APs - Recessed | 7 |  |
|  |  |  |  |  |  | Mount (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-CAP352IA | | | CON-SNT-CAP352IA | Cisco | SMARTNET 8X5XNBD 802.11a/g/n | 7 |  |
|  |  |  |  |  |  | Ctrlr-based AP w/CleanAir; I |  |  |
|  |  | | |  |  |  |  |  |
|  | S3G1RK9W8-12423JA | | | S3G1RK9W8-12423JA | Cisco | Cisco 3500 Series IOS Wireless LAN | 7 |  |
|  |  |  |  |  |  | Controller-based Recovery |  |  |
|  |  | | |  |  |  |  |  |
|  | **CIAC-GW-K9** | | | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | | | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 4 |  |
|  |  |  |  |  |  | Version 1.0 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
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|  | **A-10** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Medium Store**

|  |  |  |  |  |  |  |  |  |  |  |
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|  | CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | | | |  | 4 |  |
|  |  |  |  |  | | | |  |  |  |
|  | **CISCO2951-SEC/K9** | CISCO2951-SEC/K9 | Cisco | Cisco 2951 Security Bundle w/SEC license PAK | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | CAB-ADSL-RJ11 | CAB-ADSL-RJ11 | Cisco | Lavender Cable for xDSL, Straight-through, | | | |  | 1 |  |
|  |  |  |  | RJ-11, 6 feet |  |  |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | ISR-CCP-EXP | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | PWR-2921-51-AC | PWR-2921-51-AC | Cisco | Cisco 2921/2951 AC Power Supply | | | |  | 1 |  |
|  |  |  |  |  |  | | |  |  |  |
|  | SL-29-IPB-K9 | SL-29-IPB-K9 | Cisco | IP Base License | for Cisco 2901-2951 | | |  | 1 |  |
|  |  |  |  |  |  | | |  |  |  |
|  | SL-29-SEC-K9 | SL-29-SEC-K9 | Cisco | Security License | for Cisco 2901-2951 | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | SM-DSK-SATA-500GB | SM-DSK-SATA-500GB | Cisco | 500 GB hard disk drive for SRE SM | | | |  | 2 |  |
|  |  |  |  |  | | | |  |  |  |
|  | SM-MEM-VLP-2GB | SM-MEM-VLP-2GB | Cisco | 2GB Very Low Profile SDRAM for SRE SM | | | |  | 2 |  |
|  |  |  |  |  | | | |  |  |  |
|  | CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | | | |  | 1 |  |
|  |  |  |  | 5-15P, 2.1m |  |  |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | DISK-MODE-RAID-0 | DISK-MODE-RAID-0 | Cisco | Configure hard drives as RAID 0 | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | FL-VMSS-SM-MS | FL-VMSS-SM-MS | Cisco | Video Management and Storage System Media | | | |  | 1 |  |
|  |  |  |  | Server License |  |  |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | FL-VMSS-SM-OM | FL-VMSS-SM-OM | Cisco | Video Management and Storage System | | | |  | 1 |  |
|  |  |  |  | Operations Manager Licen | | | |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | HWIC-1ADSL | HWIC-1ADSL | Cisco | 1-port ADSLoPOTS HWIC | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | MEM-2951-512U2GB | MEM-2951-512U2GB | Cisco | 512MB to 2GB DRAM Upgrade (1 2GB DIMM) | | | |  | 1 |  |
|  |  |  |  | for Cisco 2951 ISR | | | |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | MEM-CF-256U2GB | MEM-CF-256U2GB | Cisco | 256MB to 2GB Compact Flash Upgrade for | | | |  | 1 |  |
|  |  |  |  | Cisco 1900,2900,3900 | | | |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | S2951UK9-15102T | S2951UK9-15102T | Cisco | Cisco 2951 IOS UNIVERSAL | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | SM-SRE-900-K9 | SM-SRE-900-K9 | Cisco | Services Module with Services Ready Engine | | | |  | 1 |  |
|  |  |  |  | (SRE) |  |  |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | SM-VMSS-6.2.1-K9 | SM-VMSS-6.2.1-K9 | Cisco | Video Management and Storage System | | | |  | 1 |  |
|  |  |  |  | Software 6.2.1for the SM | | | |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | SM9-VMSS | SM9-VMSS | Cisco | VMSS software contrainer for SM-SRE-900-K9 | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | VWIC2-2MFT-T1/E1 | VWIC2-2MFT-T1/E1 | Cisco | 2-Port 2nd Gen Multiflex Trunk Voice/WAN Int. | | | |  | 1 |  |
|  |  |  |  | Card - T1/E1 |  |  |  |  |  |  |
|  |  |  |  |  | | | |  |  |  |
|  | **CISCO2951-SEC/K9** | CISCO2951-SEC/K9 | Cisco | Cisco 2951 Security Bundle w/SEC license PAK | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | ISR-CCP-EXP | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | | | |  | 1 |  |
|  |  |  |  |  | | | |  |  |  |
|  | PWR-2921-51-AC | PWR-2921-51-AC | Cisco | Cisco 2921/2951 AC Power Supply | | | |  | 1 |  |
|  |  |  |  |  | |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  |  | **A-11** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Medium Store**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | SL-29-IPB-K9 | | | SL-29-IPB-K9 | Cisco | IP Base License | for Cisco 2901-2951 | 1 |  |
|  |  | | |  |  |  |  |  |  |
|  | SL-29-SEC-K9 | | | SL-29-SEC-K9 | Cisco | Security License | for Cisco 2901-2951 | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | | 1 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | HWIC-3G-HSPA-A | | | HWIC-3G-HSPA-A | Cisco | 3G HWIC ATT HSPA/UMTS | | 1 |  |
|  |  |  |  |  |  | 850/1900/2100MHz; Quad-band 2G | |  |  |
|  |  | | |  |  |  | |  |  |
|  | MEM-2951-512U2GB | | | MEM-2951-512U2GB | Cisco | 512MB to 2GB DRAM Upgrade (1 2GB DIMM) | | 1 |  |
|  |  |  |  |  |  | for Cisco 2951 ISR | |  |  |
|  |  | | |  |  |  | |  |  |
|  | MEM-CF-256U2GB | | | MEM-CF-256U2GB | Cisco | 256MB to 2GB Compact Flash Upgrade for | | 1 |  |
|  |  |  |  |  |  | Cisco 1900,2900,3900 | |  |  |
|  |  | | |  |  |  | |  |  |
|  | NME-AIR-WLC25-K9 | | | NME-AIR-WLC25-K9 | Cisco | 25-AP WLAN Controller NM for Cisco | | 1 |  |
|  |  |  |  |  |  | 2800/3800 Series |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | S2951UK9-15102T | | | S2951UK9-15102T | Cisco | Cisco 2951 IOS UNIVERSAL | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | SM-NM-ADPTR | | | SM-NM-ADPTR | Cisco | Network Module Adapter for SM Slot on Cisco | | 1 |  |
|  |  |  |  |  |  | 2900, 3900 ISR |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | SWLCEK9-60 | | | SWLCEK9-60 | Cisco | Cisco Unified WLAN Controller SW Release 6.0 | | 1 |  |
|  |  |  |  |  |  | - MD |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | VWIC2-2MFT-T1/E1 | | | VWIC2-2MFT-T1/E1 | Cisco | 2-Port 2nd Gen Multiflex Trunk Voice/WAN Int. | | 1 |  |
|  |  |  |  |  |  | Card - T1/E1 |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | **CIVS-IPC-2421** | | | CIVS-IPC-2421 | Cisco | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, | | 2 |  |
|  |  |  |  |  |  | Smoked, CM |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | CON-SNT-IPC2421 | | | CON-SNT-IPC2421 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2421 | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | **CIVS-IPC-2500** | | | CIVS-IPC-2500 | Cisco | Cisco 2500 IP Camera, Full Resolution, | | 2 |  |
|  |  |  |  |  |  | Day/Night |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | CIVS-CAB-BAC | | | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | CIVS-IPC-VT55 | | | CIVS-IPC-VT55 | Cisco | Cisco IP Camera Tamron 5-50mm Varifocal | | 2 |  |
|  |  |  |  |  |  | Lens |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | CIVS-PWRPAC-12V | | | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | | 2 |  |
|  |  |  |  |  |  | for Encode/Dec |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | CON-SNT-IPC2500 | | | CON-SNT-IPC2500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2500 | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | **CIVS-IPC-2520V** | | | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | CON-SNT-IPC2520 | | | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | | 2 |  |
|  |  | | |  |  |  | |  |  |
|  | **CIVS-IPC-2521V** | | | CIVS-IPC-2521V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, Smoked, | | 1 |  |
|  |  |  |  |  |  | VR |  |  |  |
|  |  | | |  |  |  | |  |  |
|  | CON-SNT-IPC2521 | | | CON-SNT-IPC2521 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2521V | | 1 |  |
|  |  | | |  |  |  | |  |  |
|  | **CIVS-IPC-2521V** | | | CIVS-IPC-2521V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, Smoked, | | 1 |  |
|  |  |  |  |  |  | VR |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |  |
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|  | **A-12** |  |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Medium Store**

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|  | CON-SNT-IPC2521 | CON-SNT-IPC2521 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2521V | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-4500** | CIVS-IPC-4500 | Cisco | Cisco 4500 IP Camera, HD, DSP, Day/Night | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-IPC-VFM15-50 | CIVS-IPC-VFM15-50 | Cisco | Cisco IP Camera Lens Megapixel 15-50mm | | |  | 2 |  |
|  |  |  |  | Fujinon | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | | |  | 2 |  |
|  |  |  |  | for Encode/Dec | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-IPC4500 | CON-SNT-IPC4500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-4500 | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-5010** | CIVS-IPC-5010 | Cisco | Cisco Video Surveillance IP Camera, Indoor HD | | |  | 2 |  |
|  |  |  |  | Dome (Clear) | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-CIVSIPC1 | CON-SNT-CIVSIPC1 | Cisco | SMARTNET 8X5XNBD Cisco Video | | |  | 2 |  |
|  |  |  |  | Surveillance IP Camera | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-5011** | CIVS-IPC-5011 | Cisco | Cisco Video Surveillance IP Camera, Indoor HD | | |  | 2 |  |
|  |  |  |  | Dome (Smoked) | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-CIVSIPC0 | CON-SNT-CIVSIPC0 | Cisco | SMARTNET 8X5XNBD Cisco Video | | |  | 2 |  |
|  |  |  |  | Surveillance IP Camera, Indo | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-OM-SW4.1=** | CIVS-OM-SW4.1= | Cisco | CIVS-OM Operations Manager v4.1 Software | | |  | 1 |  |
|  |  |  |  | Only | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SAS-OMSW41 | CON-SAS-OMSW41 | Cisco | SW APP SUPP CIVS-OM Operations Manager | | |  | 1 |  |
|  |  |  |  | v4.1 Software | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-VM-1DFL=** | CIVS-VM-1DFL= | Cisco | Cisco VS Virtual Matrix Client License, 1 client | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SAS-VSVMCL1 | CON-SAS-VSVMCL1 | Cisco | SW APP SUPP CIVS-VM-1DFL | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-VM-SW6.2=** | CIVS-VM-SW6.2= | Cisco | CIVS-VM Virtual Matrix v6.2 Software License | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SAS-VMSW62 | CON-SAS-VMSW62 | Cisco | SW APP SUPP CIVS-VM Virtual Matrix v6.2 | | |  | 1 |  |
|  |  |  |  | Software Lic | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **WS-C2960PD-8TT-L** | WS-C2960PD-8TT-L | Cisco | Cisco Catalyst 2960 Powered Device 8 10/100 + | | |  | 10 |  |
|  |  |  |  | 1 1000BT LAN Base | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | | |  | 10 |  |
|  |  |  |  | 5-15P, 2.1m | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-C2960P8T | CON-SNT-C2960P8T | Cisco | SMARTNET 8X5XNBD Cat2960 Pwrd Device | | |  | 10 |  |
|  |  |  |  | 8 10/100-1 1K BT LAN | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | PWR-A | PWR-A | Cisco | Pwr Sply In:100-240VAC Out:48VDC 380mA- | | |  | 10 |  |
|  |  |  |  | 2960PD-8TT-L | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **WS-C3750X-48PF-S** | WS-C3750X-48PF-S | Cisco | Cisco Catalyst 3750X 48 Port Full PoE IP Base | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | C3KX-PWR-1100WAC | C3KX-PWR-1100WAC | Cisco | Cisco Catalyst 3K-X 1100W AC Power Supply | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | C3KX-NM-1G | C3KX-NM-1G | Cisco | Cisco Catalyst 3K-X 1G Network Module option | | |  | 2 |  |
|  |  |  |  | PID | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Stores—Large Store**

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| C3KX-PWR-1100WAC/2 | C3KX-PWR-1100WAC/ | Cisco | Cisco Catalyst 3K-X 1100W AC Secondary | 2 |
|  | 2 |  | Power Supply |  |
|  |  |  |  |  |
| CAB-3KX-AC | CAB-3KX-AC | Cisco | AC Power Cord for Catalyst 3K-X (North | 4 |
|  |  |  | America) |  |
|  |  |  |  |  |
| CAB-SPWR-150CM | CAB-SPWR-150CM | Cisco | 3750X Stack Power Cable 150 CM - Upgrade | 2 |
|  |  |  |  |  |
| CAB-STACK-1M-NH | CAB-STACK-1M-NH | Cisco | Cisco StackWise 1M Non-Halogen Lead Free | 2 |
|  |  |  | Stacking Cable |  |
|  |  |  |  |  |
| CON-SNT-3750X4FS | CON-SNT-3750X4FS | Cisco | SMARTNET 8X5XNBD Catalyst 3750X 48 Port | 2 |
|  |  |  | Full PoE IP Base |  |
|  |  |  |  |  |
| S375XVK9T-12253SE | S375XVK9T-12253SE | Cisco | Cisco CAT 3750X IOS UNIVERSAL WITH | 2 |
|  |  |  | WEB BASE DEV MGR |  |
|  |  |  |  |  |
| SFP-GE-S= | SFP-GE-S= | Cisco | 1000BASE-SX SFP (DOM) | 8 |
|  |  |  |  |  |

**Stores—Large Store**

|  |  |  |  |  |  |  |  |  |
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|  | **Name** | | | **Catalog Num** | **Vendor** | **Description** | **Qty** |  |
|  |  | | |  |  |  |  |  |
|  | **AIR-CAP3502E-A-K9** | | | AIR-CAP3502E-A-K9 | Cisco | 802.11a/g/n Ctrlr-based AP w/CleanAir; Ext Ant; | 12 |  |
|  |  |  |  |  |  | A Reg Domain |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-BRACKET-1 | | | AIR-AP-BRACKET-1 | Cisco | 1040/1140/1260/3500 Low Profile Mounting | 12 |  |
|  |  |  |  |  |  | Bracket (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-T-RAIL-R | | | AIR-AP-T-RAIL-R | Cisco | Ceiling Grid Clip for Aironet APs - Recessed | 12 |  |
|  |  |  |  |  |  | Mount (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-ANT2422DW-R | | | AIR-ANT2422DW-R | Cisco | 2.4 GHz 2.2 dBi Swivel Dipole Antenna White, | 36 |  |
|  |  |  |  |  |  | RP-TNC |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-ANT5135DW-R | | | AIR-ANT5135DW-R | Cisco | 5 GHz 3.5 dBi Swivel Dipole Antenna White, | 36 |  |
|  |  |  |  |  |  | RP-TNC |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-CAP3502A | | | CON-SNT-CAP3502A | Cisco | SMARTNET 8X5XNBD 802.11a/g/n Ctrlr-based | 12 |  |
|  |  |  |  |  |  | AP w/CleanAir; E |  |  |
|  |  | | |  |  |  |  |  |
|  | S3G1RK9W8-12423JA | | | S3G1RK9W8-12423JA | Cisco | Cisco 3500 Series IOS Wireless LAN | 12 |  |
|  |  |  |  |  |  | Controller-based Recovery |  |  |
|  |  | | |  |  |  |  |  |
|  | **AIR-CAP3502I-A-K9** | | | AIR-CAP3502I-A-K9 | Cisco | 802.11a/g/n Ctrlr-based AP w/CleanAir; Int Ant; | 12 |  |
|  |  |  |  |  |  | A Reg Domain |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-BRACKET-1 | | | AIR-AP-BRACKET-1 | Cisco | 1040/1140/1260/3500 Low Profile Mounting | 12 |  |
|  |  |  |  |  |  | Bracket (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | AIR-AP-T-RAIL-R | | | AIR-AP-T-RAIL-R | Cisco | Ceiling Grid Clip for Aironet APs - Recessed | 12 |  |
|  |  |  |  |  |  | Mount (Default) |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-CAP352IA | | | CON-SNT-CAP352IA | Cisco | SMARTNET 8X5XNBD 802.11a/g/n Ctrlr-based | 12 |  |
|  |  |  |  |  |  | AP w/CleanAir; I |  |  |
|  |  | | |  |  |  |  |  |
|  | S3G1RK9W8-12423JA | | | S3G1RK9W8-12423JA | Cisco | Cisco 3500 Series IOS Wireless LAN | 12 |  |
|  |  |  |  |  |  | Controller-based Recovery |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **A-14** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Large Store**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **AIR-CT5508-25-K9** | AIR-CT5508-25-K9 | Cisco | Cisco 5508 Series Wireless Controller for up to | | |  | 2 |  |
|  |  |  |  | 25 APs | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | LIC-CT5508-25 | LIC-CT5508-25 | Cisco | 25 AP Base license | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | LIC-CT5508-BASE | LIC-CT5508-BASE | Cisco | Base Software License | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | AIR-PWR-5500-AC | AIR-PWR-5500-AC | Cisco | Cisco 5500 Series Wireless Controller | | |  | 2 |  |
|  |  |  |  | Redundant Power Supply | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | AIR-PWR-CORD-NA | AIR-PWR-CORD-NA | Cisco | AIR Line Cord North America | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-CT0825 | CON-SNT-CT0825 | Cisco | SMARTNET 8X5XNBD Cisco 5508 Series | | |  | 2 |  |
|  |  |  |  |  | | |  |  |  |
|  | GLC-T= | GLC-T= | Cisco | 1000BASE-T SFP | | |  | 6 |  |
|  |  |  |  |  | | |  |  |  |
|  | SWC5500K9-70 | SWC5500K9-70 | Cisco | Cisco Unified Wireless Controller SW Release | | |  | 2 |  |
|  |  |  |  | 7.0 |  |  |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIAC-GW-K9** | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | | |  | 8 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | | |  | 8 |  |
|  |  |  |  | Version 1.0 | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | | |  | 8 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CISCO3945-SEC/K9** | CISCO3945-SEC/K9 | Cisco | Cisco 3945 Security Bundle w/SEC license PAK | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | 3900-FANASSY | 3900-FANASSY | Cisco | Cisco 3925/3945 Fan Assembly (Bezel included) | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | C3900-SPE150/K9 | C3900-SPE150/K9 | Cisco | Cisco Services Performance Engine 150 for | | |  | 1 |  |
|  |  |  |  | Cisco 3945 ISR | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | ISR-CCP-EXP | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | PWR-3900-AC | PWR-3900-AC | Cisco | Cisco 3925/3945 AC Power Supply | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | SL-39-IPB-K9 | SL-39-IPB-K9 | Cisco | IP Base License for Cisco 3925/3945 | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | SL-39-SEC-K9 | SL-39-SEC-K9 | Cisco | Security License for Cisco 3900 Series | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | | |  | 2 |  |
|  |  |  |  | 5-15P, 2.1m | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-P2ST-NMEIPSK9 | CON-P2ST-NMEIPSK9 | Cisco | PM2, 8X5XNBD NME-IPS-K9 | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-3945SEC | CON-SNT-3945SEC | Cisco | SMARTNET 8X5XNBD Cisco 3945 Security | | |  | 1 |  |
|  |  |  |  | Bundle w/SEC license | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | HWIC-3G-HSPA-A | HWIC-3G-HSPA-A | Cisco | 3G HWIC ATT HSPA/UMTS | | |  | 1 |  |
|  |  |  |  | 850/1900/2100MHz; Quad-band 2G | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | IPS-SW-NME-7.0-K9 | IPS-SW-NME-7.0-K9 | Cisco | IPS Software v7.0 for NME-IPS | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | MEM-3900-1GU2GB | MEM-3900-1GU2GB | Cisco | 1GB to 2GB DRAM Upgrade (1GB+1GB) for | | |  | 1 |  |
|  |  |  |  | Cisco 3925/3945 ISR | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-15** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Large Store**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | MEM-CF-256U2GB | | | MEM-CF-256U2GB | Cisco | 256MB to 2GB Compact Flash Upgrade for | 1 |  |
|  |  |  |  |  |  | Cisco 1900,2900,3900 |  |  |
|  |  | | |  |  |  |  |  |
|  | NME-IPS-K9 | | | NME-IPS-K9 | Cisco | Cisco IPS NM for 2811, 2821, 2851 and 3800 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | PWR-3900-AC/2 | | | PWR-3900-AC/2 | Cisco | Cisco 3925/3945 AC Power Supply (Secondary | 1 |  |
|  |  |  |  |  |  | PS) |  |  |
|  |  | | |  |  |  |  |  |
|  | S39UK9-15102T | | | S39UK9-15102T | Cisco | Cisco 3925-3945 IOS UNIVERSAL | 1 |  |
|  |  | | |  |  |  |  |  |
|  | SM-NM-ADPTR | | | SM-NM-ADPTR | Cisco | Network Module Adapter for SM Slot on Cisco | 1 |  |
|  |  |  |  |  |  | 2900, 3900 ISR |  |  |
|  |  | | |  |  |  |  |  |
|  | VWIC2-2MFT-T1/E1 | | | VWIC2-2MFT-T1/E1 | Cisco | 2-Port 2nd Gen Multiflex Trunk Voice/WAN Int. | 1 |  |
|  |  |  |  |  |  | Card - T1/E1 |  |  |
|  |  | | |  |  |  |  |  |
|  | **CISCO3945-SEC/K9** | | | CISCO3945-SEC/K9 | Cisco | Cisco 3945 Security Bundle w/SEC license PAK | 1 |  |
|  |  | | |  |  |  |  |  |
|  | 3900-FANASSY | | | 3900-FANASSY | Cisco | Cisco 3925/3945 Fan Assembly (Bezel included) | 1 |  |
|  |  | | |  |  |  |  |  |
|  | C3900-SPE150/K9 | | | C3900-SPE150/K9 | Cisco | Cisco Services Performance Engine 150 for | 1 |  |
|  |  |  |  |  |  | Cisco 3945 ISR |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-ADSL-RJ11 | | | CAB-ADSL-RJ11 | Cisco | Lavender Cable for xDSL, Straight-through, | 1 |  |
|  |  |  |  |  |  | RJ-11, 6 feet |  |  |
|  |  | | |  |  |  |  |  |
|  | ISR-CCP-EXP | | | ISR-CCP-EXP | Cisco | Cisco Config Pro Express on Router Flash | 1 |  |
|  |  | | |  |  |  |  |  |
|  | PWR-3900-AC | | | PWR-3900-AC | Cisco | Cisco 3925/3945 AC Power Supply | 1 |  |
|  |  | | |  |  |  |  |  |
|  | SL-39-IPB-K9 | | | SL-39-IPB-K9 | Cisco | IP Base License for Cisco 3925/3945 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | SL-39-SEC-K9 | | | SL-39-SEC-K9 | Cisco | Security License for Cisco 3900 Series | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 2 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-P2ST-NMEIPSK9 | | | CON-P2ST-NMEIPSK9 | Cisco | PM2, 8X5XNBD NME-IPS-K9 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-3945SEC | | | CON-SNT-3945SEC | Cisco | SMARTNET 8X5XNBD Cisco 3945 Security | 1 |  |
|  |  |  |  |  |  | Bundle w/SEC license |  |  |
|  |  | | |  |  |  |  |  |
|  | HWIC-1ADSL | | | HWIC-1ADSL | Cisco | 1-port ADSLoPOTS HWIC | 1 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-SW-NME-7.0-K9 | | | IPS-SW-NME-7.0-K9 | Cisco | IPS Software v7.0 for NME-IPS | 1 |  |
|  |  | | |  |  |  |  |  |
|  | MEM-3900-1GU2GB | | | MEM-3900-1GU2GB | Cisco | 1GB to 2GB DRAM Upgrade (1GB+1GB) for | 1 |  |
|  |  |  |  |  |  | Cisco 3925/3945 ISR |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-CF-256U2GB | | | MEM-CF-256U2GB | Cisco | 256MB to 2GB Compact Flash Upgrade for | 1 |  |
|  |  |  |  |  |  | Cisco 1900,2900,3900 |  |  |
|  |  | | |  |  |  |  |  |
|  | NME-IPS-K9 | | | NME-IPS-K9 | Cisco | Cisco IPS NM for 2811, 2821, 2851 and 3800 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | PWR-3900-AC/2 | | | PWR-3900-AC/2 | Cisco | Cisco 3925/3945 AC Power Supply (Secondary | 1 |  |
|  |  |  |  |  |  | PS) |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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|  | **A-16** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Large Store**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | S39UK9-15102T | S39UK9-15102T | Cisco | Cisco 3925-3945 IOS UNIVERSAL | | |  | 1 |  |
|  |  |  |  |  | | |  |  |  |
|  | SM-NM-ADPTR | SM-NM-ADPTR | Cisco | Network Module Adapter for SM Slot on Cisco | | |  | 1 |  |
|  |  |  |  | 2900, 3900 ISR | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | VWIC2-2MFT-T1/E1 | VWIC2-2MFT-T1/E1 | Cisco | 2-Port 2nd Gen Multiflex Trunk Voice/WAN Int. | | |  | 1 |  |
|  |  |  |  | Card - T1/E1 | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-2421** | CIVS-IPC-2421 | Cisco | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, | | |  | 4 |  |
|  |  |  |  | Smoked, CM | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-IPC2421 | CON-SNT-IPC2421 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2421 | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-2500** | CIVS-IPC-2500 | Cisco | Cisco 2500 IP Camera, Full Resolution, | | |  | 4 |  |
|  |  |  |  | Day/Night | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-IPC-VT55 | CIVS-IPC-VT55 | Cisco | Cisco IP Camera Tamron 5-50mm Varifocal Lens | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | | |  | 4 |  |
|  |  |  |  | for Encode/Dec | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-IPC2500 | CON-SNT-IPC2500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2500 | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-2520V** | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-IPC2520 | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-2521V** | CIVS-IPC-2521V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, Smoked, | | |  | 4 |  |
|  |  |  |  | VR | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-IPC2521 | CON-SNT-IPC2521 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2521V | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-4500** | CIVS-IPC-4500 | Cisco | Cisco 4500 IP Camera, HD, DSP, Day/Night | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-CAB-BAC | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-IPC-VFM15-50 | CIVS-IPC-VFM15-50 | Cisco | Cisco IP Camera Lens Megapixel 15-50mm | | |  | 4 |  |
|  |  |  |  | Fujinon | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CIVS-PWRPAC-12V | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | | |  | 4 |  |
|  |  |  |  | for Encode/Dec | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-IPC4500 | CON-SNT-IPC4500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-4500 | | |  | 4 |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-5010** | CIVS-IPC-5010 | Cisco | Cisco Video Surveillance IP Camera, Indoor HD | | |  | 4 |  |
|  |  |  |  | Dome (Clear) | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-CIVSIPC1 | CON-SNT-CIVSIPC1 | Cisco | SMARTNET 8X5XNBD Cisco Video | | |  | 4 |  |
|  |  |  |  | Surveillance IP Camera | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | **CIVS-IPC-5011** | CIVS-IPC-5011 | Cisco | Cisco Video Surveillance IP Camera, Indoor HD | | |  | 4 |  |
|  |  |  |  | Dome (Smoked) | | |  |  |  |
|  |  |  |  |  | | |  |  |  |
|  | CON-SNT-CIVSIPC0 | CON-SNT-CIVSIPC0 | Cisco | SMARTNET 8X5XNBD Cisco Video | | |  | 4 |  |
|  |  |  |  | Surveillance IP Camera, Indo | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-17** | |  |
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**Appendix A** **Bill Of Material**

**Stores—Large Store**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CIVS-MSP-2RU** | | | CIVS-MSP-2RU | Cisco | 2RU w/Motherboard;1 CPU;RAID;Pwr | 1 |  |
|  |  |  |  |  |  | Supp;NO Drives;NO Options |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-CAB-16-AC | | | CIVS-CAB-16-AC | Cisco | CIVS C16 Power Cable North America | 2 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-HDD-1000 | | | CIVS-HDD-1000 | Cisco | 1TB SATA Drive for CIVS-MSP | 12 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-MS-SW6.2 | | | CIVS-MS-SW6.2 | Cisco | CIVS-MS Media Server v6.2 Software License | 1 |  |
|  |  |  |  |  |  | with Hardware |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-PS-900 | | | CIVS-PS-900 | Cisco | Redundant 900W Power Supply for CIVS-MSP | 1 |  |
|  |  |  |  |  |  | 2RU, 4RU |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-VSM-SW4262 | | | CIVS-VSM-SW4262 | Cisco | CIVS-VSM Video Surveillance Manager | 1 |  |
|  |  |  |  |  |  | v4.2/6.2 SW Mfg Image |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-VSM2U | | | CON-SNT-VSM2U | Cisco | SMARTNET 8X5XNBD 2RU MSP Assembly | 1 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-OM-SW4.1=** | | | CIVS-OM-SW4.1= | Cisco | CIVS-OM Operations Manager v4.1 Software | 1 |  |
|  |  |  |  |  |  | Only |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SAS-OMSW41 | | | CON-SAS-OMSW41 | Cisco | SW APP SUPP CIVS-OM Operations Manager | 1 |  |
|  |  |  |  |  |  | v4.1 Software |  |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-VM-1DFL=** | | | CIVS-VM-1DFL= | Cisco | Cisco VS Virtual Matrix Client License, 1 client | 2 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SAS-VSVMCL1 | | | CON-SAS-VSVMCL1 | Cisco | SW APP SUPP CIVS-VM-1DFL | 2 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-VM-SW6.2=** | | | CIVS-VM-SW6.2= | Cisco | CIVS-VM Virtual Matrix v6.2 Software License | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SAS-VMSW62 | | | CON-SAS-VMSW62 | Cisco | SW APP SUPP CIVS-VM Virtual Matrix v6.2 | 1 |  |
|  |  |  |  |  |  | Software Lic |  |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C3560-8PC-S** | | | WS-C3560-8PC-S | Cisco | Catalyst 3560 Compact 8 10/100 PoE + 1 T/SFP; | 20 |  |
|  |  |  |  |  |  | IP Base Image |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC-RA | | | CAB-AC-RA | Cisco | Power Cord,110V, Right Angle | 20 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-WSC3568 | | | CON-SNTP-WSC3568 | Cisco | SMARTNET 24X7X4 Catalyst 3560 8 10/1 | 20 |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C3560X-24P-S** | | | WS-C3560X-24P-S | Cisco | Cisco Catalyst 3560X 24 Port PoE IP Base | 6 |  |
|  |  | | |  |  |  |  |  |
|  | C3KX-PWR-715WAC | | | C3KX-PWR-715WAC | Cisco | Cisco Catalyst 3K-X 715W AC Power Supply | 6 |  |
|  |  | | |  |  |  |  |  |
|  | C3KX-NM-1G | | | C3KX-NM-1G | Cisco | Cisco Catalyst 3K-X 1G Network Module option | 6 |  |
|  |  |  |  |  |  | PID |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-3KX-AC | | | CAB-3KX-AC | Cisco | AC Power Cord for Catalyst 3K-X (North | 6 |  |
|  |  |  |  |  |  | America) |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-3560X2PS | | | CON-SNT-3560X2PS | Cisco | SMARTNET 8X5XNBD Catalyst 3560X 24 Port | 6 |  |
|  |  |  |  |  |  | PoE IP Base |  |  |
|  |  | | |  |  |  |  |  |
|  | S356XVK9T-12253SE | | | S356XVK9T-12253SE | Cisco | CAT 3560X IOS UNIVERSAL WITH WEB | 6 |  |
|  |  |  |  |  |  | BASED DEV MGR |  |  |
|  |  | | |  |  |  |  |  |
|  | SFP-GE-S= | | | SFP-GE-S= | Cisco | 1000BASE-SX SFP (DOM) | 12 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **A-18** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Data Center, Internet Edge, DMZ**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **WS-C4507R+E** | WS-C4507R+E | Cisco | Cisco Catalyst 4500E 7 slot chassis for | 2 |
|  |  |  | 48Gbps/slot |  |
|  |  |  |  |  |
| C4500E-IPB | C4500E-IPB | Cisco | Paper IP Base License | 2 |
|  |  |  |  |  |
| CAB-AC-2800W-TWLK | CAB-AC-2800W-TWL | Cisco | U.S. Power Cord, Twist Lock, NEMA 6-20 Plug | 4 |
|  | K |  |  |  |
|  |  |  |  |  |
| CON-SNT-C4507R+E | CON-SNT-C4507R+E | Cisco | SMARTNET 8X5XNBD Catalyst4500E 7 slot | 2 |
|  |  |  | chassis for 48Gbps |  |
|  |  |  |  |  |
| GLC-SX-MM= | GLC-SX-MM= | Cisco | GE SFP, LC connector SX transceiver | 48 |
|  |  |  |  |  |
| PWR-C45-2800ACV | PWR-C45-2800ACV | Cisco | Cisco Catalyst 4500 2800W AC Power Supply | 2 |
|  |  |  | (Data and PoE) |  |
|  |  |  |  |  |
| PWR-C45-2800ACV/2 | PWR-C45-2800ACV/2 | Cisco | Cisco Catalyst 4500 2800W AC Power Supply | 2 |
|  |  |  | (Data and PoE) |  |
|  |  |  |  |  |
| S45UK9-31-01XO | S45UK9-31-01XO | Cisco | CAT4500e SUP7e Universal Crypto Image | 2 |
|  |  |  |  |  |
| WS-X4448-GB-SFP | WS-X4448-GB-SFP | Cisco | Cisco Catalyst 4500 48-Port 1000Base-X (SFPs | 2 |
|  |  |  | Optional) |  |
|  |  |  |  |  |
| WS-X45-SUP7-E | WS-X45-SUP7-E | Cisco | Cisco Catalyst 4500 E-Series Supervisor, | 2 |
|  |  |  | 848Gbps |  |
|  |  |  |  |  |
| WS-X45-SUP7-E/2 | WS-X45-SUP7-E/2 | Cisco | Cisco Catalyst 4500 E-Series Supervisor, | 2 |
|  |  |  | 848Gbps |  |
|  |  |  |  |  |
| WS-X4624-SFP-E | WS-X4624-SFP-E | Cisco | Cisco Catalyst 4500 E-Series 24-Port GE (SFP) | 2 |
|  |  |  |  |  |
| WS-X4748-RJ45V+E | WS-X4748-RJ45V+E | Cisco | Cisco Catalyst 4500E 48-Port PoE 802.3at | 2 |
|  |  |  | 10/100/1000(RJ45) |  |
|  |  |  |  |  |

**Data Center, Internet Edge, DMZ**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | **Catalog Num** | **Vendor** | **Description** | | | **Qty** | |
|  |  |  |  |  | | |  |  |
|  | **ASA5585-S60-2A-K9** | ASA5585-S60-2A-K9 | Cisco | Cisco ASA 5585-X Chas w/ SSP60,6 GE,4 | | | 2 |  |
|  |  |  |  | SFP+,2 GE Mgt,2 AC,3DES/AES | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-SSP-60-INC | ASA-SSP-60-INC | Cisco | Cisco ASA 5585-X Security Services | | | 2 |  |
|  |  |  |  | Processor-60 with 6GE, 4SFP+ | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-VPN-CLNT-K9 | ASA-VPN-CLNT-K9 | Cisco | Cisco VPN Client Software (Windows, Solaris, | | | 2 |  |
|  |  |  |  | Linux, Mac) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA5500-ENCR-K9 | ASA5500-ENCR-K9 | Cisco | Cisco ASA 5500 Strong Encryption License | | | 2 |  |
|  |  |  |  | (3DES/AES) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA5585-BLANK-F | ASA5585-BLANK-F | Cisco | Cisco ASA 5585-X Full Width Blank Slot Cover | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | ASA5585-BLANK-HD | ASA5585-BLANK-HD | Cisco | Cisco ASA 5585-X Hard Drive Blank Slot Cover | | | 4 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
|  |  |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-19** |  |
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**Appendix A** **Bill Of Material**

**Data Center, Internet Edge, DMZ**

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|  | ASA5585-PWR-AC | | | ASA5585-PWR-AC | Cisco | Cisco ASA 5585-X AC Power Supply | 4 |  |
|  |  | | |  |  |  |  |  |
|  | ASA-ADV-END-SEC | | | ASA-ADV-END-SEC | Cisco | Cisco ASA 5500 Advanced Endpoint | 2 |  |
|  |  |  |  |  |  | Assessment License for SSL VPN |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA5500-SC-10 | | | ASA5500-SC-10 | Cisco | Cisco ASA 5500 10 Security Contexts License | 2 |  |
|  |  | | |  |  |  |  |  |
|  | ASA5500-SSL-1000 | | | ASA5500-SSL-1000 | Cisco | Cisco ASA 5500 SSL VPN 1000 Premium User | 2 |  |
|  |  |  |  |  |  | License |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-US515P-C19-US | | | CAB-US515P-C19-US | Cisco | NEMA 5-15 to IEC-C19 13ft US | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-A85S62K9 | | | CON-SNT-A85S62K9 | Cisco | SMARTNET 8X5XNBD ASA 5585-X Chas w/ | 2 |  |
|  |  |  |  |  |  | SSP40,6 GE,4 SFP+,2 G |  |  |
|  |  | | |  |  |  |  |  |
|  | SF-ASA5585-8.2-K8 | | | SF-ASA5585-8.2-K8 | Cisco | Cisco ASA 5500 Series Software Version 8.2 for | 2 |  |
|  |  |  |  |  |  | ASA 5585-X, DES |  |  |
|  |  | | |  |  |  |  |  |
|  | **ASR1002-5G-SHA/K9** | | | ASR1002-5G-SHA/K9 | Cisco | Cisco ASR1002 Sec+HA Bundle w/ | 2 |  |
|  |  |  |  |  |  | ESP-5G,AESK9,License,4GB DRAM |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1000-ESP5 | | | ASR1000-ESP5 | Cisco | Cisco ASR1K Embedded Services | 2 |  |
|  |  |  |  |  |  | Processor,5Gbps,ASR1002 only |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-FPI-RTU | | | FLASR1-FPI-RTU | Cisco | Flex. Pack Insp. Right-To-Use Feat | 2 |  |
|  |  |  |  |  |  | Lic,ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-FW-RTU | | | FLASR1-FW-RTU | Cisco | Firewall Right-To-Use Feature Lic for ASR1000 | 2 |  |
|  |  |  |  |  |  | Series |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-IOSRED-RTU | | | FLASR1-IOSRED-RTU | Cisco | SW Redundancy Right-To-Use Feat Lic for | 2 |  |
|  |  |  |  |  |  | ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-IPSEC-RTU | | | FLASR1-IPSEC-RTU | Cisco | Encryption Right-To-Use Feature Lic for | 2 |  |
|  |  |  |  |  |  | ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | SASR1R1-AESK9-31S | | | SASR1R1-AESK9-31S | Cisco | Cisco ASR 1000 Series RP1 ADVANCED | 2 |  |
|  |  |  |  |  |  | ENTERPRISE SERVICES |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1002-PWR-AC | | | ASR1002-PWR-AC | Cisco | Cisco ASR1002 AC Power Supply | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC-RA | | | CAB-AC-RA | Cisco | Power Cord,110V, Right Angle | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-25GSHAK9 | | | CON-SNTP-25GSHAK | Cisco | SMARTNET 24X7X4 ASR1002 Sec+HA | 2 |  |
|  |  |  |  | 9 |  | Bundle w/ESP-5G, AESK9 |  |  |
|  |  | | |  |  |  |  |  |
|  | **ASR1004-20G-HA/K9** | | | ASR1004-20G-HA/K9 | Cisco | Cisco ASR1004 HA Bundle w/ | 2 |  |
|  |  |  |  |  |  | ESP-20G,RP1,SIP10,AESK9,License |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1000-ESP20 | | | ASR1000-ESP20 | Cisco | Cisco ASR1000 Embedded Services Processor, | 2 |  |
|  |  |  |  |  |  | 20G |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1000-SPA | | | ASR1000-SPA | Cisco | SPA for ASR1000; No Physical Part; For | 4 |  |
|  |  |  |  |  |  | Tracking Only |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-IOSRED-RTU | | | FLASR1-IOSRED-RTU | Cisco | SW Redundancy Right-To-Use Feat Lic for | 2 |  |
|  |  |  |  |  |  | ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | M-ASR1K-HDD-40GB | | | M-ASR1K-HDD-40GB | Cisco | Cisco ASR1000 RP1 40GB HDD | 2 |  |
|  |  | | |  |  |  |  |  |
|  | M-ASR1K-RP1-4GB | | | M-ASR1K-RP1-4GB | Cisco | Cisco ASR1000 RP1 4GB DRAM | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center, Internet Edge, DMZ**

|  |  |  |  |  |  |  |  |  |
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|  | SASR1R1-AESK9-31S | SASR1R1-AESK9-31S | Cisco | Cisco ASR 1000 Series RP1 ADVANCED | | | 2 |  |
|  |  |  |  | ENTERPRISE SERVICES | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASR1000-RP1-BUN | ASR1000-RP1-BUN | Cisco | Cisco ASR1000 Route Processor 1, 4GB | | | 2 |  |
|  |  |  |  | DRAM,Bundle Component | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASR1000-SIP10 | ASR1000-SIP10 | Cisco | Cisco ASR1000 SPA Interface Processor 10 | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | ASR1000-SIP10-BUN | ASR1000-SIP10-BUN | Cisco | Cisco ASR1000 SPA Interface Processor 10, | | | 2 |  |
|  |  |  |  | Bundle Component | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASR1004-PWR-AC | ASR1004-PWR-AC | Cisco | Cisco ASR1004 AC Power Supply | | | 4 |  |
|  |  |  |  |  | | |  |  |
|  | CAB-AC15A-90L-US | CAB-AC15A-90L-US | Cisco | 15A AC Pwr Cord, left-angle (United States) | | | 4 |  |
|  |  |  |  | (bundle option) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNTP-420GHAK9 | CON-SNTP-420GHAK | Cisco | SMARTNET 24X7X4 ASR1004 Chassis 2 P/S | | | 2 |  |
|  |  | 9 |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNTP-A1ESP20 | CON-SNTP-A1ESP20 | Cisco | SMARTNET 24X7X4 ASR1000 Embedded Svc | | | 2 |  |
|  |  |  |  | Processor,20G,Crypt | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNTP-ASRRP1B | CON-SNTP-ASRRP1B | Cisco | SMARTNET 24X7X4 Cisco ASR1000 Route | | | 2 |  |
|  |  |  |  | Processor 1 | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNTP-ASRSIPB | CON-SNTP-ASRSIPB | Cisco | SMARTNET 24X7X4 Cisco ASR1000 SPA | | | 2 |  |
|  |  |  |  | Interface Processor | | |  |  |
|  |  |  |  |  | | |  |  |
|  | FLASR1-FW-RTU | FLASR1-FW-RTU | Cisco | Firewall Right-To-Use Feature Lic for ASR1000 | | | 2 |  |
|  |  |  |  | Series | | |  |  |
|  |  |  |  |  | | |  |  |
|  | SPA-1X10GE-L-V2 | SPA-1X10GE-L-V2 | Cisco | Cisco 1-Port 10GE LAN-PHY Shared Port | | | 4 |  |
|  |  |  |  | Adapter | | |  |  |
|  |  |  |  |  | | |  |  |
|  | XFP-10G-MM-SR | XFP-10G-MM-SR | Cisco | 10GBASE-SR XFP Module | | | 4 |  |
|  |  |  |  |  | | |  |  |
|  | **CIAC-GW-K9** | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | | | 4 |  |
|  |  |  |  |  | | |  |  |
|  | CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | | | 4 |  |
|  |  |  |  | Version 1.0 | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | | | 4 |  |
|  |  |  |  |  | | |  |  |
|  | **CIVS-IPC-2520V** | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | | | 4 |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNT-IPC2520 | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | | | 4 |  |
|  |  |  |  |  | | |  |  |
|  | **Ironport Bundle E-mail** | Ironport Bundle E-mail | Cisco | Ironport A La Carte examples for Webn and | | | 2 |  |
|  | **and Web** | and Web |  | E-mail | | |  |  |
|  |  |  |  |  | | |  |  |
|  | **N5K-C5020P-NBF** | N5K-C5020P-NBF | Cisco | Cisco Nexus 5020 NetApp OSM version, 2 PS | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | N5020-ACC-KIT | N5020-ACC-KIT | Cisco | Cisco Nexus 5020 Accessory Kit, Option | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | N5K-PAC-1200W | N5K-PAC-1200W | Cisco | Cisco Nexus 5020 PSU module, 100-240VAC | | | 4 |  |
|  |  |  |  | 1200W | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CAB-9K12A-NA | CAB-9K12A-NA | Cisco | Power Cord, 125VAC 13A NEMA 5-15 Plug, | | | 4 |  |
|  |  |  |  | North America | | |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center, Internet Edge, DMZ**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CON-SNTP-N5020 | | | CON-SNTP-N5020 | Cisco | SMARTNET 24X7X4 N5000 2RU Chassis no PS | 2 |  |
|  |  |  |  |  |  | 5 |  |  |
|  |  | | |  |  |  |  |  |
|  | N5000FMS1K9 | | | N5000FMS1K9 | Cisco | Cisco Nexus 5000 Fabric Manager Server | 2 |  |
|  |  |  |  |  |  | License |  |  |
|  |  | | |  |  |  |  |  |
|  | N5K-M1600 | | | N5K-M1600 | Cisco | N5000 1000 Series Module 6port 10GE(req | 4 |  |
|  |  |  |  |  |  | SFP+) |  |  |
|  |  | | |  |  |  |  |  |
|  | N5KUK9-421N2.1 | | | N5KUK9-421N2.1 | Cisco | Cisco Nexus 5000 Base OS Software Rel | 2 |  |
|  |  |  |  |  |  | 4.2(1)N2(1) |  |  |
|  |  | | |  |  |  |  |  |
|  | SFP-H10GB-CU1M | | | SFP-H10GB-CU1M | Cisco | 10GBASE-CU SFP+ Cable 1 Meter | 16 |  |
|  |  | | |  |  |  |  |  |
|  | SFP-H10GB-CU3M | | | SFP-H10GB-CU3M | Cisco | 10GBASE-CU SFP+ Cable 3 Meter | 64 |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C3750X-24T-S** | | | WS-C3750X-24T-S | Cisco | Cisco Catalyst 3750X 24 Port Data IP Base | 6 |  |
|  |  | | |  |  |  |  |  |
|  | C3KX-PWR-350WAC | | | C3KX-PWR-350WAC | Cisco | Cisco Catalyst 3K-X 350W AC Power Supply | 6 |  |
|  |  | | |  |  |  |  |  |
|  | S375XVK9T-12255SE | | | S375XVK9T-12255SE | Cisco | CAT 3750X IOS UNIVERSAL WITH WEB | 6 |  |
|  |  |  |  |  |  | BASE DEV MGR |  |  |
|  |  | | |  |  |  |  |  |
|  | C3KX-PWR-350WAC/2 | | | C3KX-PWR-350WAC/ | Cisco | Cisco Catalyst 3K-X 350W AC Secondary Power | 6 |  |
|  |  |  |  | 2 |  | Supply |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-3KX-AC | | | CAB-3KX-AC | Cisco | AC Power Cord for Catalyst 3K-X (North | 12 |  |
|  |  |  |  |  |  | America) |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-SPWR-150CM | | | CAB-SPWR-150CM | Cisco | 3750X Stack Power Cable 150 CM - Upgrade | 6 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-STACK-1M-NH | | | CAB-STACK-1M-NH | Cisco | Cisco StackWise 1M Non-Halogen Lead Free | 6 |  |
|  |  |  |  |  |  | Stacking Cable |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-3750X2TS | | | CON-SNTP-3750X2TS | Cisco | SMARTNET 24X7X4 Catalyst 3750X 24 Port | 6 |  |
|  |  |  |  |  |  | Data IP Base |  |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C6509-E** | | | WS-C6509-E | Cisco | Cisco Catalyst 6500 Enhanced 9-slot | 1 |  |
|  |  |  |  |  |  | chassis,15RU,no PS,no Fan Tray |  |  |
|  |  | | |  |  |  |  |  |
|  | BF-S720-64MB-RP | | | BF-S720-64MB-RP | Cisco | Bootflash for SUP720-64MB-RP | 2 |  |
|  |  | | |  |  |  |  |  |
|  | MEM-C6K-CPTFL1GB | | | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | 2 |  |
|  |  |  |  |  |  | 1GB |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-XCEF720-256M | | | MEM-XCEF720-256M | Cisco | Cisco Catalyst 6500 256MB DDR, xCEF720 | 1 |  |
|  |  |  |  |  |  | (67xx interface, DFC3A) |  |  |
|  |  | | |  |  |  |  |  |
|  | SF-FWM-ASDM-6.1F | | | SF-FWM-ASDM-6.1F | Cisco | Device Manager for FWSM 4.0 for Catalyst 6500 | 1 |  |
|  |  |  |  |  |  | and 7600 |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-F6K-MSFC3 | | | VS-F6K-MSFC3 | Cisco | Cisco Catalyst 6500 Multilayer Switch Feature | 2 |  |
|  |  |  |  |  |  | Card (MSFC) III |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-F6K-PFC3C | | | VS-F6K-PFC3C | Cisco | Cisco Catalyst 6500 Sup 720-10G Policy Feature | 2 |  |
|  |  |  |  |  |  | Card 3C |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-S720-10G | | | VS-S720-10G | Cisco | Cisco Catalyst 6500 Supervisor 720 with 2 | 2 |  |
|  |  |  |  |  |  | 10GbE ports |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-F6700-CFC | | | WS-F6700-CFC | Cisco | Cisco Catalyst 6500 Central Fwd Card for | 1 |  |
|  |  |  |  |  |  | WS-X67xx modules |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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|  | **A-22** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Data Center, Internet Edge, DMZ**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | WS-F6700-DFC3CXL | WS-F6700-DFC3CXL | Cisco | Cisco Catalyst 6500 Dist Fwd Card- 3CXL, for | | | 1 |  |
|  |  |  |  | WS-X67xx | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-X6716-10GE | WS-X6716-10GE | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | | | 1 |  |
|  |  |  |  | Base Module | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ACE-16G-LIC | ACE-16G-LIC | Cisco | ACE20 16Gbps License | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | ACE-SSL-05K-K9 | ACE-SSL-05K-K9 | Cisco | Application Control Engine SSL License, 5000 | | | 1 |  |
|  |  |  |  | TPS | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ACE-VIRT-020 | ACE-VIRT-020 | Cisco | Application Control Engine Virtualization 20 | | | 1 |  |
|  |  |  |  | Contexts | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ACE20-MOD-K9 | ACE20-MOD-K9 | Cisco | Application Control Engine 20 Hardware | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | CAB-AC-C6K-TWLK | CAB-AC-C6K-TWLK | Cisco | Power Cord, 250Vac 16A, twist lock NEMA | | | 4 |  |
|  |  |  |  | L6-20 plug, US | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CF-ADAPTER-SP | CF-ADAPTER-SP | Cisco | SP adapter for SUP720 and SUP720-10G | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | CON-P2OS-WIDSBNK9 | CON-P2OS-WIDSBNK | Cisco | PM2,OS 8X5XNBD 600M IDSM-2 Mod for | | | 1 |  |
|  |  | 9 |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNT-ACE20MOD | CON-SNT-ACE20MOD | Cisco | SMARTNET 8X5XNBD Application Control | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNT-WS-FWM1K9 | CON-SNT-WS-FWM1 | Cisco | 8x5xNBD Svc, Firewall blade for Catalyst 6500 | | | 1 |  |
|  |  | K9 |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |
|  | MEM-C6K-CPTFL1GB | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | | | 2 |  |
|  |  |  |  | 1GB | | |  |  |
|  |  |  |  |  | | |  |  |
|  | SC-SVC-FWM-4.0-K9 | SC-SVC-FWM-4.0-K9 | Cisco | Firewall Module Software 4.0 for 6500 and 7600, | | | 1 |  |
|  |  |  |  | 2 free VFW | | |  |  |
|  |  |  |  |  | | |  |  |
|  | SC-SVC-IPSV7.0-K9 | SC-SVC-IPSV7.0-K9 | Cisco | IPS Software v7.0 for IDSM2 | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | SC6K-A23-ACE | SC6K-A23-ACE | Cisco | ACE Module Software A2(3) | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | SV33ISK9C-12233SXI | SV33ISK9C-12233SXI | Cisco | Cisco CAT6000-VSS720 IOS IP SERVICES | | | 1 |  |
|  |  |  |  | SSH - DEFAULT | | |  |  |
|  |  |  |  |  | | |  |  |
|  | VS-S720-10G-3C | VS-S720-10G-3C | Cisco | Cisco Cat 6500 Supervisor 720 with 2 ports | | | 2 |  |
|  |  |  |  | 10GbE and MSFC3 PFC3C | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-C6509-E-FAN | WS-C6509-E-FAN | Cisco | Cisco Catalyst 6509-E Chassis Fan Tray | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | WS-CAC-6000W | WS-CAC-6000W | Cisco | Cat6500 6000W AC Power Supply | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | WS-SVC-FWM-1-K9 | WS-SVC-FWM-1-K9 | Cisco | Firewall blade for 6500 and 7600, VFW License | | | 1 |  |
|  |  |  |  | Separate | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-SVC-IDS2-BUN-K9 | WS-SVC-IDS2-BUN-K | Cisco | 600M IDSM-2 Mod for Cat | | | 1 |  |
|  |  | 9 |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-X6716-10G-3CXL | WS-X6716-10G-3CXL | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | | | 1 |  |
|  |  |  |  | w/ DFC3CXL(req X2) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-X6748-GE-TX | WS-X6748-GE-TX | Cisco | Cat6500 48-port 10/100/1000 GE Mod: fabric | | | 1 |  |
|  |  |  |  | enabled, RJ-45 | | |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-23** |  |
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**Appendix A** **Bill Of Material**

**Data Center, Internet Edge, DMZ**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | X2-10GB-SR | | | X2-10GB-SR | Cisco | 10GBASE-SR X2 Module | 18 |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C6509-E** | | | WS-C6509-E | Cisco | Cisco Catalyst 6500 Enhanced 9-slot | 1 |  |
|  |  |  |  |  |  | chassis,15RU,no PS,no Fan Tray |  |  |
|  |  | | |  |  |  |  |  |
|  | BF-S720-64MB-RP | | | BF-S720-64MB-RP | Cisco | Bootflash for SUP720-64MB-RP | 2 |  |
|  |  | | |  |  |  |  |  |
|  | MEM-C6K-CPTFL1GB | | | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | 2 |  |
|  |  |  |  |  |  | 1GB |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-XCEF720-256M | | | MEM-XCEF720-256M | Cisco | Cisco Catalyst 6500 256MB DDR, xCEF720 | 1 |  |
|  |  |  |  |  |  | (67xx interface, DFC3A) |  |  |
|  |  | | |  |  |  |  |  |
|  | SF-FWM-ASDM-6.1F | | | SF-FWM-ASDM-6.1F | Cisco | Device Manager for FWSM 4.0 for Catalyst 6500 | 1 |  |
|  |  |  |  |  |  | and 7600 |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-F6K-MSFC3 | | | VS-F6K-MSFC3 | Cisco | Cisco Catalyst 6500 Multilayer Switch Feature | 2 |  |
|  |  |  |  |  |  | Card (MSFC) III |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-F6K-PFC3C | | | VS-F6K-PFC3C | Cisco | Cisco Catalyst 6500 Sup 720-10G Policy Feature | 2 |  |
|  |  |  |  |  |  | Card 3C |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-S720-10G | | | VS-S720-10G | Cisco | Cisco Catalyst 6500 Supervisor 720 with 2 | 2 |  |
|  |  |  |  |  |  | 10GbE ports |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-F6700-CFC | | | WS-F6700-CFC | Cisco | Cisco Catalyst 6500 Central Fwd Card for | 1 |  |
|  |  |  |  |  |  | WS-X67xx modules |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-F6700-DFC3CXL | | | WS-F6700-DFC3CXL | Cisco | Cisco Catalyst 6500 Dist Fwd Card- 3CXL, for | 1 |  |
|  |  |  |  |  |  | WS-X67xx |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-X6716-10GE | | | WS-X6716-10GE | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | 1 |  |
|  |  |  |  |  |  | Base Module |  |  |
|  |  | | |  |  |  |  |  |
|  | ACE-16G-LIC | | | ACE-16G-LIC | Cisco | ACE20 16Gbps License | 1 |  |
|  |  | | |  |  |  |  |  |
|  | ACE-SSL-05K-K9 | | | ACE-SSL-05K-K9 | Cisco | Application Control Engine SSL License, 5000 | 1 |  |
|  |  |  |  |  |  | TPS |  |  |
|  |  | | |  |  |  |  |  |
|  | ACE-VIRT-020 | | | ACE-VIRT-020 | Cisco | Application Control Engine Virtualization 20 | 1 |  |
|  |  |  |  |  |  | Contexts |  |  |
|  |  | | |  |  |  |  |  |
|  | ACE20-MOD-K9 | | | ACE20-MOD-K9 | Cisco | Application Control Engine 20 Hardware | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC-C6K-TWLK | | | CAB-AC-C6K-TWLK | Cisco | Power Cord, 250Vac 16A, twist lock NEMA | 4 |  |
|  |  |  |  |  |  | L6-20 plug, US |  |  |
|  |  | | |  |  |  |  |  |
|  | CF-ADAPTER-SP | | | CF-ADAPTER-SP | Cisco | SP adapter for SUP720 and SUP720-10G | 2 |  |
|  |  | | |  |  |  |  |  |
|  | CON-P2OS-WIDSBNK9 | | | CON-P2OS-WIDSBNK | Cisco | PM2,OS 8X5XNBD 600M IDSM-2 Mod for | 1 |  |
|  |  |  |  | 9 |  |  |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-ACE20MOD | | | CON-SNT-ACE20MOD | Cisco | SMARTNET 8X5XNBD Application Control | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-WS-FWM1K9 | | | CON-SNT-WS-FWM1 | Cisco | 8x5xNBD Svc, Firewall blade for Catalyst 6500 | 1 |  |
|  |  |  |  | K9 |  |  |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-C6K-CPTFL1GB | | | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | 2 |  |
|  |  |  |  |  |  | 1GB |  |  |
|  |  | | |  |  |  |  |  |
|  | SC-SVC-FWM-4.0-K9 | | | SC-SVC-FWM-4.0-K9 | Cisco | Firewall Module Software 4.0 for 6500 and 7600, | 1 |  |
|  |  |  |  |  |  | 2 free VFW |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—WAN Aggregation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SC-SVC-IPSV7.0-K9 | SC-SVC-IPSV7.0-K9 | Cisco | IPS Software v7.0 for IDSM2 | 1 |
|  |  |  |  |  |
| SC6K-A23-ACE | SC6K-A23-ACE | Cisco | ACE Module Software A2(3) | 1 |
|  |  |  |  |  |
| SV33ISK9C-12233SXI | SV33ISK9C-12233SXI | Cisco | Cisco CAT6000-VSS720 IOS IP SERVICES | 1 |
|  |  |  | SSH - DEFAULT |  |
|  |  |  |  |  |
| VS-S720-10G-3C | VS-S720-10G-3C | Cisco | Cat 6500 Supervisor 720 with 2 ports 10GbE and | 2 |
|  |  |  | MSFC3 PFC3C |  |
|  |  |  |  |  |
| WS-C6509-E-FAN | WS-C6509-E-FAN | Cisco | Cisco Catalyst 6509-E Chassis Fan Tray | 1 |
|  |  |  |  |  |
| WS-CAC-6000W | WS-CAC-6000W | Cisco | Cat6500 6000W AC Power Supply | 2 |
|  |  |  |  |  |
| WS-SVC-FWM-1-K9 | WS-SVC-FWM-1-K9 | Cisco | Firewall blade for 6500 and 7600, VFW License | 1 |
|  |  |  | Separate |  |
|  |  |  |  |  |
| WS-SVC-IDS2-BUN-K9 | WS-SVC-IDS2-BUN-K | Cisco | 600M IDSM-2 Mod for Cat | 1 |
|  | 9 |  |  |  |
|  |  |  |  |  |
| WS-X6716-10G-3CXL | WS-X6716-10G-3CXL | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | 1 |
|  |  |  | w/ DFC3CXL(req X2) |  |
|  |  |  |  |  |
| WS-X6748-GE-TX | WS-X6748-GE-TX | Cisco | Cat6500 48-port 10/100/1000 GE Mod: fabric | 1 |
|  |  |  | enabled, RJ-45 |  |
|  |  |  |  |  |
| X2-10GB-SR | X2-10GB-SR | Cisco | 10GBASE-SR X2 Module | 18 |
|  |  |  |  |  |

**Data Center—WAN Aggregation**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | **Catalog Num** | **Vendor** | **Description** | | | **Qty** | |
|  |  |  |  |  | | |  |  |
|  | **ASA5540-AIP40-K9** | ASA5540-AIP40-K9 | Cisco | ASA 5540 Appliance w/ AIP-SSM-40, SW, HA, | | | 4 |  |
|  |  |  |  | 4GE+1FE, 3DES/AES | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-AIP-40-INC-K9 | ASA-AIP-40-INC-K9 | Cisco | ASA 5500 AIP Security Services Module-40 | | | 4 |  |
|  |  |  |  | included w/ bundles | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA5500-ENCR-K9 | ASA5500-ENCR-K9 | Cisco | ASA 5500 Strong Encryption License | | | 4 |  |
|  |  |  |  | (3DES/AES) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA5540-VPN-PR | ASA5540-VPN-PR | Cisco | ASA 5540 VPN Premium 5000 IPsec User | | | 4 |  |
|  |  |  |  | License (7.0 Only) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-AC-E-5540 | ASA-AC-E-5540 | Cisco | AnyConnect Essentials VPN License - ASA | | | 4 |  |
|  |  |  |  | 5540 (2500 Users) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-AC-M-5540 | ASA-AC-M-5540 | Cisco | AnyConnect Mobile - ASA 5540 (req. Essentials | | | 4 |  |
|  |  |  |  | or Premium) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-VPN-CLNT-K9 | ASA-VPN-CLNT-K9 | Cisco | Cisco VPN Client Software (Windows, Solaris, | | | 4 |  |
|  |  |  |  | Linux, Mac) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-VPNS-1000 | ASA-VPNS-1000 | Cisco | Premium Shared VPN Server License - 1000 | | | 4 |  |
|  |  |  |  | users | | |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
|  |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—WAN Aggregation**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ASA5500-SC-5 | | | ASA5500-SC-5 | Cisco | Cisco ASA 5500 5 Security Contexts License | 4 |  |
|  |  | | |  |  |  |  |  |
|  | ASA5500-SSL-100 | | | ASA5500-SSL-100 | Cisco | Cisco ASA 5500 SSL VPN 100 Premium User | 4 |  |
|  |  |  |  |  |  | License |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 4 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SU3-AS4A40K9 | | | CON-SU3-AS4A40K9 | Cisco | IPS SVC, AR 24X7X4 ASA5540-AIP40-K9 | 4 |  |
|  |  | | |  |  |  |  |  |
|  | SF-ASA-8.3-K8 | | | SF-ASA-8.3-K8 | Cisco | Cisco ASA 5500 Series Software v8.3 | 4 |  |
|  |  | | |  |  |  |  |  |
|  | SF-ASA-AIP-7.0-K9 | | | SF-ASA-AIP-7.0-K9 | Cisco | Cisco ASA 5500 Series AIP Sofware 7.0 for | 4 |  |
|  |  |  |  |  |  | Security Service Modules |  |  |
|  |  | | |  |  |  |  |  |
|  | **ASR1002-5G-SHA/K9** | | | ASR1002-5G-SHA/K9 | Cisco | Cisco ASR1002 Sec+HA Bundle w/ | 4 |  |
|  |  |  |  |  |  | ESP-5G,AESK9,License,4GB DRAM |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1000-ESP5 | | | ASR1000-ESP5 | Cisco | Cisco ASR1K Embedded Services | 4 |  |
|  |  |  |  |  |  | Processor,5Gbps,ASR1002 only |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-FPI-RTU | | | FLASR1-FPI-RTU | Cisco | Flex. Pack Insp. Right-To-Use Feat | 4 |  |
|  |  |  |  |  |  | Lic,ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-FW-RTU | | | FLASR1-FW-RTU | Cisco | Firewall Right-To-Use Feature Lic for ASR1000 | 4 |  |
|  |  |  |  |  |  | Series |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-IOSRED-RTU | | | FLASR1-IOSRED-RTU | Cisco | SW Redundancy Right-To-Use Feat Lic for | 4 |  |
|  |  |  |  |  |  | ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-IPSEC-RTU | | | FLASR1-IPSEC-RTU | Cisco | Encryption Right-To-Use Feature Lic for | 4 |  |
|  |  |  |  |  |  | ASR1000 Series |  |  |
|  |  | | |  |  |  |  |  |
|  | SASR1R1-AESK9-31S | | | SASR1R1-AESK9-31S | Cisco | Cisco ASR 1000 Series RP1 ADVANCED | 4 |  |
|  |  |  |  |  |  | ENTERPRISE SERVICES |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1002-PWR-AC | | | ASR1002-PWR-AC | Cisco | Cisco ASR1002 AC Power Supply | 8 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC-RA | | | CAB-AC-RA | Cisco | Power Cord,110V, Right Angle | 8 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-25GSHAK9 | | | CON-SNTP-25GSHAK | Cisco | SMARTNET 24X7X4 ASR1002 Sec+HA | 4 |  |
|  |  |  |  | 9 |  | Bundle w/ESP-5G, AESK9 |  |  |
|  |  | | |  |  |  |  |  |
|  | **CIAC-GW-K9** | | | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | | | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 4 |  |
|  |  |  |  |  |  | Version 1.0 |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-GWK9 | | | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2520V** | | | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2520 | | | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **IPS-4260-4GE-BP-K9** | | | IPS-4260-4GE-BP-K9 | Cisco | 4260 Bundle with 4-Port Cu NIC | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-4GE-BP-INT | | | IPS-4GE-BP-INT | Cisco | 4-Port Copper NIC with bypass for the IPS 4260 | 2 |  |
|  |  |  |  |  |  | and 4270 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Service**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 4 |
|  |  |  | 5-15P, 2.1m |  |
|  |  |  |  |  |
| CON-P2SP-4260-4G | CON-P2SP-4260-4G | Cisco | PM2, 24X7X4 IPS-4260-4GE-BP-K9 | 2 |
|  |  |  |  |  |
| IPS-4260-PWR | IPS-4260-PWR | Cisco | Redundant power for 4260 | 2 |
|  |  |  |  |  |
| IPS-4GE-BP-INT | IPS-4GE-BP-INT | Cisco | 4-Port Copper NIC with bypass for the IPS 4260 | 2 |
|  |  |  | and 4270 |  |
|  |  |  |  |  |
| IPS-SW-6.2 | IPS-SW-6.2 | Cisco | Cisco IPS Sensor software version 6.2 | 2 |
|  |  |  |  |  |
| **WS-C3750X-24T-S** | WS-C3750X-24T-S | Cisco | Cisco Catalyst 3750X 24 Port Data IP Base | 8 |
|  |  |  |  |  |
| C3KX-PWR-350WAC | C3KX-PWR-350WAC | Cisco | Cisco Catalyst 3K-X 350W AC Power Supply | 8 |
|  |  |  |  |  |
| S375XVK9T-12255SE | S375XVK9T-12255SE | Cisco | CAT 3750X IOS UNIVERSAL WITH WEB | 8 |
|  |  |  | BASE DEV MGR |  |
|  |  |  |  |  |
| C3KX-PWR-350WAC/2 | C3KX-PWR-350WAC/2 | Cisco | Cisco Catalyst 3K-X 350W AC Secondary | 8 |
|  |  |  | Power Supply |  |
|  |  |  |  |  |
| CAB-3KX-AC | CAB-3KX-AC | Cisco | AC Power Cord for Catalyst 3K-X (North | 16 |
|  |  |  | America) |  |
|  |  |  |  |  |
| CAB-SPWR-150CM | CAB-SPWR-150CM | Cisco | 3750X Stack Power Cable 150 CM - Upgrade | 8 |
|  |  |  |  |  |
| CAB-STACK-1M-NH | CAB-STACK-1M-NH | Cisco | Cisco StackWise 1M Non-Halogen Lead Free | 8 |
|  |  |  | Stacking Cable |  |
|  |  |  |  |  |
| CON-SNTP-3750X2TS | CON-SNTP-3750X2TS | Cisco | SMARTNET 24X7X4 Catalyst 3750X 24 Port | 8 |
|  |  |  | Data IP Base |  |
|  |  |  |  |  |

**Data Center—Service**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | **Catalog Num** | **Vendor** | **Description** | | | **Qty** |  |
|  |  |  |  |  | | |  |  |
|  | **ASA5585-S60-2A-K9** | ASA5585-S60-2A-K9 | Cisco | ASA 5585-X Chas w/ SSP60,6 GE,4 SFP+,2 GE | | | 2 |  |
|  |  |  |  | Mgt,2 AC,3DES/AES | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-SSP-60-INC | ASA-SSP-60-INC | Cisco | ASA 5585-X Security Services Processor-60 | | | 2 |  |
|  |  |  |  | with 6GE, 4SFP+ | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA-VPN-CLNT-K9 | ASA-VPN-CLNT-K9 | Cisco | Cisco VPN Client Software (Windows, Solaris, | | | 2 |  |
|  |  |  |  | Linux, Mac) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA5500-ENCR-K9 | ASA5500-ENCR-K9 | Cisco | Cisco ASA 5500 Strong Encryption License | | | 2 |  |
|  |  |  |  | (3DES/AES) | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ASA5585-BLANK-F | ASA5585-BLANK-F | Cisco | Cisco ASA 5585-X Full Width Blank Slot Cover | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | ASA5585-BLANK-HD | ASA5585-BLANK-HD | Cisco | Cisco ASA 5585-X Hard Drive Blank Slot Cover | | | 4 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
|  |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Service**

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|  | ASA5585-PWR-AC | | | ASA5585-PWR-AC | Cisco | Cisco ASA 5585-X AC Power Supply | 4 |  |
|  |  | | |  |  |  |  |  |
|  | ASA-ADV-END-SEC | | | ASA-ADV-END-SEC | Cisco | Cisco ASA 5500 Advanced Endpoint | 2 |  |
|  |  |  |  |  |  | Assessment License for SSL VPN |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA5500-SC-10 | | | ASA5500-SC-10 | Cisco | Cisco ASA 5500 10 Security Contexts License | 2 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-US515P-C19-US | | | CAB-US515P-C19-US | Cisco | NEMA 5-15 to IEC-C19 13ft US | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-A85S62K9 | | | CON-SNT-A85S62K9 | Cisco | SMARTNET 8X5XNBD ASA 5585-X Chas w/ | 2 |  |
|  |  |  |  |  |  | SSP40,6 GE,4 SFP+,2 G |  |  |
|  |  | | |  |  |  |  |  |
|  | SF-ASA5585-8.2-K8 | | | SF-ASA5585-8.2-K8 | Cisco | Cisco ASA 5500 Series Software Version 8.2 for | 2 |  |
|  |  |  |  |  |  | ASA 5585-X, DES |  |  |
|  |  | | |  |  |  |  |  |
|  | **CIAC-GW-K9** | | | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | | | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 4 |  |
|  |  |  |  |  |  | Version 1.0 |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-GWK9 | | | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-IPC-2520V | | | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2520 | | | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **IPS4270-2X10GE-K9** | | | IPS4270-2X10GE-K9 | Cisco | IPS 4270-20 bundled with 2-port 10GE NIC | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-2X10GE-SR-INC | | | IPS-2X10GE-SR-INC | Cisco | 2X10GE interface card included in 10GE 4270 | 2 |  |
|  |  |  |  |  |  | bundle |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-US515P-C19-US | | | CAB-US515P-C19-US | Cisco | NEMA 5-15 to IEC-C19 13ft US | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-P2ST-IPS42702 | | | CON-P2ST-IPS42702 | Cisco | PM2, 8X5XNBD IPS 4270-20 bundled | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-2SX-INT | | | IPS-2SX-INT | Cisco | 2-port fiber interface for the 4260 and 4270 | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-4GE-BP-INT | | | IPS-4GE-BP-INT | Cisco | 4-Port Copper NIC with bypass for the IPS 4260 | 2 |  |
|  |  |  |  |  |  | and 4270 |  |  |
|  |  | | |  |  |  |  |  |
|  | IPS-SW-7.0 | | | IPS-SW-7.0 | Cisco | Cisco IPS software version 7.0 | 2 |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C6509-E** | | | WS-C6509-E | Cisco | Cisco Catalyst 6500 Enhanced 9-slot | 1 |  |
|  |  |  |  |  |  | chassis,15RU,no PS,no Fan Tray |  |  |
|  |  | | |  |  |  |  |  |
|  | BF-S720-64MB-RP | | | BF-S720-64MB-RP | Cisco | Bootflash for SUP720-64MB-RP | 2 |  |
|  |  | | |  |  |  |  |  |
|  | MEM-C6K-CPTFL1GB | | | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | 2 |  |
|  |  |  |  |  |  | 1GB |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-XCEF720-256M | | | MEM-XCEF720-256M | Cisco | Cisco Catalyst 6500 256MB DDR, xCEF720 | 1 |  |
|  |  |  |  |  |  | (67xx interface, DFC3A) |  |  |
|  |  | | |  |  |  |  |  |
|  | SF-FWM-ASDM-6.1F | | | SF-FWM-ASDM-6.1F | Cisco | Device Manager for FWSM 4.0 for Catalyst | 1 |  |
|  |  |  |  |  |  | 6500 and 7600 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Service**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | VS-F6K-MSFC3 | VS-F6K-MSFC3 | Cisco | Cisco Catalyst 6500 Multilayer Switch Feature | | | 2 |  |
|  |  |  |  | Card (MSFC) III | | |  |  |
|  |  |  |  |  | | |  |  |
|  | VS-F6K-PFC3C | VS-F6K-PFC3C | Cisco | Cisco Catalyst 6500 Sup 720-10G Policy Feature | | | 2 |  |
|  |  |  |  | Card 3C | | |  |  |
|  |  |  |  |  | | |  |  |
|  | VS-S720-10G | VS-S720-10G | Cisco | Cisco Catalyst 6500 Supervisor 720 with 2 | | | 2 |  |
|  |  |  |  | 10GbE ports | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-F6700-CFC | WS-F6700-CFC | Cisco | Cisco Catalyst 6500 Central Fwd Card for | | | 1 |  |
|  |  |  |  | WS-X67xx modules | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-F6700-DFC3CXL | WS-F6700-DFC3CXL | Cisco | Cisco Catalyst 6500 Dist Fwd Card- 3CXL, for | | | 1 |  |
|  |  |  |  | WS-X67xx | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-X6716-10GE | WS-X6716-10GE | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | | | 1 |  |
|  |  |  |  | Base Module | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ACE-16G-LIC | ACE-16G-LIC | Cisco | ACE20 16Gbps License | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | ACE-SSL-05K-K9 | ACE-SSL-05K-K9 | Cisco | Application Control Engine SSL License, 5000 | | | 1 |  |
|  |  |  |  | TPS | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ACE-VIRT-020 | ACE-VIRT-020 | Cisco | Application Control Engine Virtualization 20 | | | 1 |  |
|  |  |  |  | Contexts | | |  |  |
|  |  |  |  |  | | |  |  |
|  | ACE20-MOD-K9 | ACE20-MOD-K9 | Cisco | Application Control Engine 20 Hardware | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | CAB-AC-C6K-TWLK | CAB-AC-C6K-TWLK | Cisco | Power Cord, 250Vac 16A, twist lock NEMA | | | 4 |  |
|  |  |  |  | L6-20 plug, US | | |  |  |
|  |  |  |  |  | | |  |  |
|  | CF-ADAPTER-SP | CF-ADAPTER-SP | Cisco | SP adapter for SUP720 and SUP720-10G | | | 2 |  |
|  |  |  |  |  | | |  |  |
|  | CON-P2OS-WIDSBNK9 | CON-P2OS-WIDSBNK | Cisco | PM2,OS 8X5XNBD 600M IDSM-2 Mod for | | | 1 |  |
|  |  | 9 |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNT-ACE20MOD | CON-SNT-ACE20MOD | Cisco | SMARTNET 8X5XNBD Application Control | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | CON-SNT-WS-FWM1K9 | CON-SNT-WS-FWM1K | Cisco | 8x5xNBD Svc, Firewall blade for Catalyst 6500 | | | 1 |  |
|  |  | 9 |  |  |  |  |  |  |
|  |  |  |  |  | | |  |  |
|  | MEM-C6K-CPTFL1GB | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | | | 2 |  |
|  |  |  |  | 1GB | | |  |  |
|  |  |  |  |  | | |  |  |
|  | SC-SVC-FWM-4.0-K9 | SC-SVC-FWM-4.0-K9 | Cisco | Firewall Module Software 4.0 for 6500 and | | | 1 |  |
|  |  |  |  | 7600, 2 free VFW | | |  |  |
|  |  |  |  |  | | |  |  |
|  | SC-SVC-IPSV7.0-K9 | SC-SVC-IPSV7.0-K9 | Cisco | IPS Software v7.0 for IDSM2 | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | SC6K-A23-ACE | SC6K-A23-ACE | Cisco | ACE Module Software A2(3) | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | SV33ISK9C-12233SXI | SV33ISK9C-12233SXI | Cisco | Cisco CAT6000-VSS720 IOS IP SERVICES | | | 1 |  |
|  |  |  |  | SSH - DEFAULT | | |  |  |
|  |  |  |  |  | | |  |  |
|  | VS-S720-10G-3C | VS-S720-10G-3C | Cisco | Cat 6500 Supervisor 720 with 2 ports 10GbE and | | | 2 |  |
|  |  |  |  | MSFC3 PFC3C | | |  |  |
|  |  |  |  |  | | |  |  |
|  | WS-C6509-E-FAN | WS-C6509-E-FAN | Cisco | Cisco Catalyst 6509-E Chassis Fan Tray | | | 1 |  |
|  |  |  |  |  | | |  |  |
|  | WS-CAC-6000W | WS-CAC-6000W | Cisco | Cat6500 6000W AC Power Supply | | | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
|  |  |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Service**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | WS-SVC-FWM-1-K9 | | | WS-SVC-FWM-1-K9 | Cisco | Firewall blade for 6500 and 7600, VFW License | 1 |  |
|  |  |  |  |  |  | Separate |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-SVC-IDS2-BUN-K9 | | | WS-SVC-IDS2-BUN-K9 | Cisco | 600M IDSM-2 Mod for Cat | 1 |  |
|  |  | | |  |  |  |  |  |
|  | WS-X6716-10G-3CXL | | | WS-X6716-10G-3CXL | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | 1 |  |
|  |  |  |  |  |  | w/ DFC3CXL(req X2) |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-X6748-GE-TX | | | WS-X6748-GE-TX | Cisco | Cat6500 48-port 10/100/1000 GE Mod: fabric | 1 |  |
|  |  |  |  |  |  | enabled, RJ-45 |  |  |
|  |  | | |  |  |  |  |  |
|  | X2-10GB-SR | | | X2-10GB-SR | Cisco | 10GBASE-SR X2 Module | 18 |  |
|  |  | | |  |  |  |  |  |
|  | **WS-C6509-E** | | | WS-C6509-E | Cisco | Cisco Catalyst 6500 Enhanced 9-slot | 1 |  |
|  |  |  |  |  |  | chassis,15RU,no PS,no Fan Tray |  |  |
|  |  | | |  |  |  |  |  |
|  | BF-S720-64MB-RP | | | BF-S720-64MB-RP | Cisco | Bootflash for SUP720-64MB-RP | 2 |  |
|  |  | | |  |  |  |  |  |
|  | MEM-C6K-CPTFL1GB | | | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | 2 |  |
|  |  |  |  |  |  | 1GB |  |  |
|  |  | | |  |  |  |  |  |
|  | MEM-XCEF720-256M | | | MEM-XCEF720-256M | Cisco | Cisco Catalyst 6500 256MB DDR, xCEF720 | 1 |  |
|  |  |  |  |  |  | (67xx interface, DFC3A) |  |  |
|  |  | | |  |  |  |  |  |
|  | SF-FWM-ASDM-6.1F | | | SF-FWM-ASDM-6.1F | Cisco | Device Manager for FWSM 4.0 for Catalyst | 1 |  |
|  |  |  |  |  |  | 6500 and 7600 |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-F6K-MSFC3 | | | VS-F6K-MSFC3 | Cisco | Cisco Catalyst 6500 Multilayer Switch Feature | 2 |  |
|  |  |  |  |  |  | Card (MSFC) III |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-F6K-PFC3C | | | VS-F6K-PFC3C | Cisco | Cisco Catalyst 6500 Sup 720-10G Policy Feature | 2 |  |
|  |  |  |  |  |  | Card 3C |  |  |
|  |  | | |  |  |  |  |  |
|  | VS-S720-10G | | | VS-S720-10G | Cisco | Cisco Catalyst 6500 Supervisor 720 with 2 | 2 |  |
|  |  |  |  |  |  | 10GbE ports |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-F6700-CFC | | | WS-F6700-CFC | Cisco | Cisco Catalyst 6500 Central Fwd Card for | 1 |  |
|  |  |  |  |  |  | WS-X67xx modules |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-F6700-DFC3CXL | | | WS-F6700-DFC3CXL | Cisco | Cisco Catalyst 6500 Dist Fwd Card- 3CXL, for | 1 |  |
|  |  |  |  |  |  | WS-X67xx |  |  |
|  |  | | |  |  |  |  |  |
|  | WS-X6716-10GE | | | WS-X6716-10GE | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | 1 |  |
|  |  |  |  |  |  | Base Module |  |  |
|  |  | | |  |  |  |  |  |
|  | ACE-16G-LIC | | | ACE-16G-LIC | Cisco | ACE20 16Gbps License | 1 |  |
|  |  | | |  |  |  |  |  |
|  | ACE-SSL-05K-K9 | | | ACE-SSL-05K-K9 | Cisco | Application Control Engine SSL License, 5000 | 1 |  |
|  |  |  |  |  |  | TPS |  |  |
|  |  | | |  |  |  |  |  |
|  | ACE-VIRT-020 | | | ACE-VIRT-020 | Cisco | Application Control Engine Virtualization 20 | 1 |  |
|  |  |  |  |  |  | Contexts |  |  |
|  |  | | |  |  |  |  |  |
|  | ACE20-MOD-K9 | | | ACE20-MOD-K9 | Cisco | Application Control Engine 20 Hardware | 1 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC-C6K-TWLK | | | CAB-AC-C6K-TWLK | Cisco | Power Cord, 250Vac 16A, twist lock NEMA | 4 |  |
|  |  |  |  |  |  | L6-20 plug, US |  |  |
|  |  | | |  |  |  |  |  |
|  | CF-ADAPTER-SP | | | CF-ADAPTER-SP | Cisco | SP adapter for SUP720 and SUP720-10G | 2 |  |
|  |  | | |  |  |  |  |  |
|  | CON-P2OS-WIDSBNK9 | | | CON-P2OS-WIDSBNK | Cisco | PM2,OS 8X5XNBD 600M IDSM-2 Mod for | 1 |  |
|  |  |  |  | 9 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Secure Storage**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CON-SNT-ACE20MOD | CON-SNT-ACE20MOD | Cisco | SMARTNET 8X5XNBD Application Control | 1 |
|  |  |  |  |  |
| CON-SNT-WS-FWM1K9 | CON-SNT-WS-FWM1K | Cisco | 8x5xNBD Svc, Firewall blade for Catalyst 6500 | 1 |
|  | 9 |  |  |  |
|  |  |  |  |  |
| MEM-C6K-CPTFL1GB | MEM-C6K-CPTFL1GB | Cisco | Cisco Catalyst 6500 Compact Flash Memory | 2 |
|  |  |  | 1GB |  |
|  |  |  |  |  |
| SC-SVC-FWM-4.0-K9 | SC-SVC-FWM-4.0-K9 | Cisco | Firewall Module Software 4.0 for 6500 and | 1 |
|  |  |  | 7600, 2 free VFW |  |
|  |  |  |  |  |
| SC-SVC-IPSV7.0-K9 | SC-SVC-IPSV7.0-K9 | Cisco | IPS Software v7.0 for IDSM2 | 1 |
|  |  |  |  |  |
| SC6K-A23-ACE | SC6K-A23-ACE | Cisco | ACE Module Software A2(3) | 1 |
|  |  |  |  |  |
| SV33ISK9C-12233SXI | SV33ISK9C-12233SXI | Cisco | Cisco CAT6000-VSS720 IOS IP SERVICES | 1 |
|  |  |  | SSH - DEFAULT |  |
|  |  |  |  |  |
| VS-S720-10G-3C | VS-S720-10G-3C | Cisco | Cat 6500 Supervisor 720 with 2 ports 10GbE and | 2 |
|  |  |  | MSFC3 PFC3C |  |
|  |  |  |  |  |
| WS-C6509-E-FAN | WS-C6509-E-FAN | Cisco | Cisco Catalyst 6509-E Chassis Fan Tray | 1 |
|  |  |  |  |  |
| WS-CAC-6000W | WS-CAC-6000W | Cisco | Cat6500 6000W AC Power Supply | 2 |
|  |  |  |  |  |
| WS-SVC-FWM-1-K9 | WS-SVC-FWM-1-K9 | Cisco | Firewall blade for 6500 and 7600, VFW License | 1 |
|  |  |  | Separate |  |
|  |  |  |  |  |
| WS-SVC-IDS2-BUN-K9 | WS-SVC-IDS2-BUN-K9 | Cisco | 600M IDSM-2 Mod for Cat | 1 |
|  |  |  |  |  |
| WS-X6716-10G-3CXL | WS-X6716-10G-3CXL | Cisco | Cisco Catalyst 6500 16 port 10 Gigabit Ethernet | 1 |
|  |  |  | w/ DFC3CXL(req X2) |  |
|  |  |  |  |  |
| WS-X6748-GE-TX | WS-X6748-GE-TX | Cisco | Cat6500 48-port 10/100/1000 GE Mod: fabric | 1 |
|  |  |  | enabled, RJ-45 |  |
|  |  |  |  |  |
| X2-10GB-SR | X2-10GB-SR | Cisco | 10GBASE-SR X2 Module | 18 |
|  |  |  |  |  |

**Data Center—Secure Storage**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Catalog Num** | **Vendor** | **Description** | **Qty** |
|  |  |  |  |  |
| **DS-C9509-2AK9** | DS-C9509-2AK9 | Cisco | MDS 9509 Base Config: Chassis, 2 Sup-2A, 2 | 2 |
|  |  |  | 3K AC PS |  |
|  |  |  |  |  |
| CAB-9K16A-US2 | CAB-9K16A-US2 | Cisco | Power Cord 250VAC 16A, US/Japan, Src Plug | 4 |
|  |  |  | NEMA L6-20 |  |
|  |  |  |  |  |
| CON-SNT-4848K | CON-SNT-4848K | Cisco | SMARTNET 8X5XNBD Host Optimized 8G FC | 4 |
|  |  |  |  |  |
| CON-SNT-9304K | CON-SNT-9304K | Cisco | SMARTNET 8X5XNBD MDS 9000 18-port FC | 2 |
|  |  |  | and 4-port GE Module |  |
|  |  |  |  |  |

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**Appendix A** **Bill Of Material**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CON-SNT-C9509U | CON-SNT-C9509U | Cisco | SMARTNET 8X5XNBD MDS 9509 Base | 2 |
|  |  |  | Config: Chassis, 2 Sup-2A |  |
|  |  |  |  |  |
| DS-9509-KIT-EMC | DS-9509-KIT-EMC | Cisco | MDS 9509 Accessory Kit for EMC | 2 |
|  |  |  |  |  |
| DS-SFP-FC4G-SW | DS-SFP-FC4G-SW | Cisco | 4 Gbps Fibre Channel-SW SFP, LC | 36 |
|  |  |  |  |  |
| DS-SFP-FC8G-SW | DS-SFP-FC8G-SW | Cisco | 8 Gbps Fibre Channel SW SFP+, LC | 192 |
|  |  |  |  |  |
| DS-X9248-48K9 | DS-X9248-48K9 | Cisco | 4/44-Port Host-Optimized 8-Gbps FC Module | 4 |
|  |  |  |  |  |
| DS-X9304-18K9 | DS-X9304-18K9 | Cisco | MDS 9000 18-port FC and 4-port GE Module | 2 |
|  |  |  |  |  |
| M9500ENT1K9 | M9500ENT1K9 | Cisco | Enterprise package license for 1 MDS9500 | 2 |
|  |  |  | switch |  |
|  |  |  |  |  |
| M9500SSE1K9 | M9500SSE1K9 | Cisco | Storage Services Enabler: 1 ASM on 1 | 2 |
|  |  |  | MDS9500 |  |
|  |  |  |  |  |
| M95IOA184 | M95IOA184 | Cisco | Cisco I/O Accelerator License for MSM-18/4 on | 2 |
|  |  |  | MDS 9500 |  |
|  |  |  |  |  |
| M95S2K9-5.0.4 | M95S2K9-5.0.4 | Cisco | MDS 9500 Supervisor/Fabric-2, NX-OS | 2 |
|  |  |  | Software Release 5.0(4) |  |
|  |  |  |  |  |
| SSI-M9K9-504 | SSI-M9K9-504 | Cisco | MDS SSI Image 5.0(4) | 2 |
|  |  |  |  |  |

**Data Center—Extranet Edge**

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|  | **Name** | | | **Catalog Num** | **Vendor** | **Description** | **Qty** |  |
|  |  | | |  |  |  |  |  |
|  | **ASA5585-S60-2A-K9** | | | ASA5585-S60-2A-K9 | Cisco | Cisco ASA 5585-X Chas w/ SSP60,6 GE,4 | 2 |  |
|  |  |  |  |  |  | SFP+,2 GE Mgt,2 AC,3DES/AES |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA-SSP-60-INC | | | ASA-SSP-60-INC | Cisco | Cisco ASA 5585-X Security Services | 2 |  |
|  |  |  |  |  |  | Processor-60 with 6GE, 4SFP+ |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA-VPN-CLNT-K9 | | | ASA-VPN-CLNT-K9 | Cisco | Cisco VPN Client Software (Windows, Solaris, | 2 |  |
|  |  |  |  |  |  | Linux, Mac) |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA5500-ENCR-K9 | | | ASA5500-ENCR-K9 | Cisco | Cisco ASA 5500 Strong Encryption License | 2 |  |
|  |  |  |  |  |  | (3DES/AES) |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA5585-BLANK-F | | | ASA5585-BLANK-F | Cisco | Cisco ASA 5585-X Full Width Blank Slot Cover | 2 |  |
|  |  | | |  |  |  |  |  |
|  | ASA5585-BLANK-HD | | | ASA5585-BLANK-HD | Cisco | Cisco ASA 5585-X Hard Drive Blank Slot | 4 |  |
|  |  |  |  |  |  | Cover |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA5585-PWR-AC | | | ASA5585-PWR-AC | Cisco | Cisco ASA 5585-X AC Power Supply | 4 |  |
|  |  | | |  |  |  |  |  |
|  | ASA-ADV-END-SEC | | | ASA-ADV-END-SEC | Cisco | Cisco ASA 5500 Advanced Endpoint | 2 |  |
|  |  |  |  |  |  | Assessment License for SSL VPN |  |  |
|  |  | | |  |  |  |  |  |
|  | ASA5500-SC-10 | | | ASA5500-SC-10 | Cisco | Cisco ASA 5500 10 Security Contexts License | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
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|  | ASA5500-SSL-1000 | ASA5500-SSL-1000 | Cisco | Cisco ASA 5500 SSL VPN 1000 Premium User | |  | 2 |  |
|  |  |  |  | License | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-US515P-C19-US | CAB-US515P-C19-US | Cisco | NEMA 5-15 to IEC-C19 13ft US | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNT-A85S62K9 | CON-SNT-A85S62K9 | Cisco | SMARTNET 8X5XNBD ASA 5585-X Chas w/ | |  | 2 |  |
|  |  |  |  | SSP40,6 GE,4 SFP+,2 G | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SF-ASA5585-8.2-K8 | SF-ASA5585-8.2-K8 | Cisco | Cisco ASA 5500 Series Software Version 8.2 for | |  | 2 |  |
|  |  |  |  | ASA 5585-X, DES | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | **ASR1002-5G-SHA/K9** | ASR1002-5G-SHA/K9 | Cisco | Cisco ASR1002 Sec+HA Bundle w/ | |  | 2 |  |
|  |  |  |  | ESP-5G,AESK9,License,4GB DRAM | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | ASR1000-ESP5 | ASR1000-ESP5 | Cisco | Cisco ASR1K Embedded Services | |  | 2 |  |
|  |  |  |  | Processor,5Gbps,ASR1002 only | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | FLASR1-FPI-RTU | FLASR1-FPI-RTU | Cisco | Flex. Pack Insp. Right-To-Use Feat | |  | 2 |  |
|  |  |  |  | Lic,ASR1000 Series | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | FLASR1-FW-RTU | FLASR1-FW-RTU | Cisco | Firewall Right-To-Use Feature Lic for ASR1000 | |  | 2 |  |
|  |  |  |  | Series | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | FLASR1-IOSRED-RTU | FLASR1-IOSRED-RTU | Cisco | SW Redundancy Right-To-Use Feat Lic for | |  | 2 |  |
|  |  |  |  | ASR1000 Series | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | FLASR1-IPSEC-RTU | FLASR1-IPSEC-RTU | Cisco | Encryption Right-To-Use Feature Lic for | |  | 2 |  |
|  |  |  |  | ASR1000 Series | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SASR1R1-AESK9-31S | SASR1R1-AESK9-31S | Cisco | Cisco ASR 1000 Series RP1 ADVANCED | |  | 2 |  |
|  |  |  |  | ENTERPRISE SERVICES | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | ASR1002-PWR-AC | ASR1002-PWR-AC | Cisco | Cisco ASR1002 AC Power Supply | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-AC-RA | CAB-AC-RA | Cisco | Power Cord,110V, Right Angle | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNTP-25GSHAK9 | CON-SNTP-25GSHAK | Cisco | SMARTNET 24X7X4 ASR1002 Sec+HA | |  | 2 |  |
|  |  | 9 |  | Bundle w/ESP-5G, AESK9 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | **ASR1004-20G-HA/K9** | ASR1004-20G-HA/K9 | Cisco | ASR1004 HA Bundle w/ | |  | 2 |  |
|  |  |  |  | ESP-20G,RP1,SIP10,AESK9,License | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | ASR1000-ESP20 | ASR1000-ESP20 | Cisco | Cisco ASR1000 Embedded Services Processor, | |  | 2 |  |
|  |  |  |  | 20G | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | ASR1000-SPA | ASR1000-SPA | Cisco | SPA for ASR1000; No Physical Part; For | |  | 4 |  |
|  |  |  |  | Tracking Only | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | FLASR1-IOSRED-RTU | FLASR1-IOSRED-RTU | Cisco | SW Redundancy Right-To-Use Feat Lic for | |  | 2 |  |
|  |  |  |  | ASR1000 Series | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | M-ASR1K-HDD-40GB | M-ASR1K-HDD-40GB | Cisco | Cisco ASR1000 RP1 40GB HDD | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | M-ASR1K-RP1-4GB | M-ASR1K-RP1-4GB | Cisco | Cisco ASR1000 RP1 4GB DRAM | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | SASR1R1-AESK9-31S | SASR1R1-AESK9-31S | Cisco | Cisco ASR 1000 Series RP1 ADVANCED | |  | 2 |  |
|  |  |  |  | ENTERPRISE SERVICES | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | ASR1000-RP1-BUN | ASR1000-RP1-BUN | Cisco | Cisco ASR1000 Route Processor 1, 4GB | |  | 2 |  |
|  |  |  |  | DRAM,Bundle Component | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | ASR1000-SIP10 | ASR1000-SIP10 | Cisco | Cisco ASR1000 SPA Interface Processor 10 | |  | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Extranet Edge**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ASR1000-SIP10-BUN | | | ASR1000-SIP10-BUN | Cisco | Cisco ASR1000 SPA Interface Processor 10, | 2 |  |
|  |  |  |  |  |  | Bundle Component |  |  |
|  |  | | |  |  |  |  |  |
|  | ASR1004-PWR-AC | | | ASR1004-PWR-AC | Cisco | Cisco ASR1004 AC Power Supply | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC15A-90L-US | | | CAB-AC15A-90L-US | Cisco | 15A AC Pwr Cord, left-angle (United States) | 4 |  |
|  |  |  |  |  |  | (bundle option) |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-420GHAK9 | | | CON-SNTP-420GHAK | Cisco | SMARTNET 24X7X4 ASR1004 Chassis 2 P/S | 2 |  |
|  |  |  |  | 9 |  |  |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-A1ESP20 | | | CON-SNTP-A1ESP20 | Cisco | SMARTNET 24X7X4 ASR1000 Embedded Svc | 2 |  |
|  |  |  |  |  |  | Processor,20G,Crypt |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-ASRRP1B | | | CON-SNTP-ASRRP1B | Cisco | SMARTNET 24X7X4 Cisco ASR1000 Route | 2 |  |
|  |  |  |  |  |  | Processor 1 |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-ASRSIPB | | | CON-SNTP-ASRSIPB | Cisco | SMARTNET 24X7X4 Cisco ASR1000 SPA | 2 |  |
|  |  |  |  |  |  | Interface Processor |  |  |
|  |  | | |  |  |  |  |  |
|  | FLASR1-FW-RTU | | | FLASR1-FW-RTU | Cisco | Firewall Right-To-Use Feature Lic for ASR1000 | 2 |  |
|  |  |  |  |  |  | Series |  |  |
|  |  | | |  |  |  |  |  |
|  | SPA-1X10GE-L-V2 | | | SPA-1X10GE-L-V2 | Cisco | Cisco 1-Port 10GE LAN-PHY Shared Port | 4 |  |
|  |  |  |  |  |  | Adapter |  |  |
|  |  | | |  |  |  |  |  |
|  | XFP-10G-MM-SR | | | XFP-10G-MM-SR | Cisco | 10GBASE-SR XFP Module | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIAC-GW-K9** | | | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | | | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | 4 |  |
|  |  |  |  |  |  | Version 1.0 |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-GWK9 | | | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-IPC-2520V | | | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2520 | | | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **IPS-4260-4GE-BP-K9** | | | IPS-4260-4GE-BP-K9 | Cisco | 4260 Bundle with 4-Port Cu NIC | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-4GE-BP-INT | | | IPS-4GE-BP-INT | Cisco | 4-Port Copper NIC with bypass for the IPS 4260 | 2 |  |
|  |  |  |  |  |  | and 4270 |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 4 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-P2SP-4260-4G | | | CON-P2SP-4260-4G | Cisco | PM2, 24X7X4 IPS-4260-4GE-BP-K9 | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-4260-PWR | | | IPS-4260-PWR | Cisco | Redundant power for 4260 | 2 |  |
|  |  | | |  |  |  |  |  |
|  | IPS-4GE-BP-INT | | | IPS-4GE-BP-INT | Cisco | 4-Port Copper NIC with bypass for the IPS 4260 | 2 |  |
|  |  |  |  |  |  | and 4270 |  |  |
|  |  | | |  |  |  |  |  |
|  | IPS-SW-6.2 | | | IPS-SW-6.2 | Cisco | Cisco IPS Sensor software version 6.2 | 2 |  |
|  |  | | |  |  |  |  |  |
|  | **N5K-C5020P-NBF** | | | N5K-C5020P-NBF | Cisco | Cisco Nexus 5020 NetApp OSM version, 2 PS | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Physical Security**

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| --- | --- | --- | --- | --- |
| N5020-ACC-KIT | N5020-ACC-KIT | Cisco | Nexus 5020 Accessory Kit, Option | 2 |
|  |  |  |  |  |
| N5K-PAC-1200W | N5K-PAC-1200W | Cisco | Nexus 5020 PSU module, 100-240VAC 1200W | 4 |
|  |  |  |  |  |
| CAB-9K12A-NA | CAB-9K12A-NA | Cisco | Power Cord, 125VAC 13A NEMA 5-15 Plug, | 4 |
|  |  |  | North America |  |
|  |  |  |  |  |
| CON-SNTP-N5020 | CON-SNTP-N5020 | Cisco | SMARTNET 24X7X4 N5000 2RU Chassis no | 2 |
|  |  |  | PS 5 |  |
|  |  |  |  |  |
| N5000FMS1K9 | N5000FMS1K9 | Cisco | Nexus 5000 Fabric Manager Server License | 2 |
|  |  |  |  |  |
| N5K-M1600 | N5K-M1600 | Cisco | N5000 1000 Series Module 6port 10GE(req | 4 |
|  |  |  | SFP+) |  |
|  |  |  |  |  |
| N5KUK9-421N2.1 | N5KUK9-421N2.1 | Cisco | Nexus 5000 Base OS Software Rel 4.2(1)N2(1) | 2 |
|  |  |  |  |  |
| SFP-H10GB-CU1M | SFP-H10GB-CU1M | Cisco | 10GBASE-CU SFP+ Cable 1 Meter | 16 |
|  |  |  |  |  |
| SFP-H10GB-CU3M | SFP-H10GB-CU3M | Cisco | 10GBASE-CU SFP+ Cable 3 Meter | 64 |
|  |  |  |  |  |
| **WS-C3750X-24T-S** | WS-C3750X-24T-S | Cisco | Cisco Catalyst 3750X 24 Port Data IP Base | 8 |
|  |  |  |  |  |
| C3KX-PWR-350WAC | C3KX-PWR-350WAC | Cisco | Cisco Catalyst 3K-X 350W AC Power Supply | 8 |
|  |  |  |  |  |
| S375XVK9T-12255SE | S375XVK9T-12255SE | Cisco | CAT 3750X IOS UNIVERSAL WITH WEB | 8 |
|  |  |  | BASE DEV MGR |  |
|  |  |  |  |  |
| C3KX-PWR-350WAC/2 | C3KX-PWR-350WAC/2 | Cisco | Cisco Catalyst 3K-X 350W AC Secondary | 8 |
|  |  |  | Power Supply |  |
|  |  |  |  |  |
| CAB-3KX-AC | CAB-3KX-AC | Cisco | AC Power Cord for Catalyst 3K-X (North | 16 |
|  |  |  | America) |  |
|  |  |  |  |  |
| CAB-SPWR-150CM | CAB-SPWR-150CM | Cisco | 3750X Stack Power Cable 150 CM - Upgrade | 8 |
|  |  |  |  |  |
| CAB-STACK-1M-NH | CAB-STACK-1M-NH | Cisco | Cisco StackWise 1M Non-Halogen Lead Free | 8 |
|  |  |  | Stacking Cable |  |
|  |  |  |  |  |
| CON-SNTP-3750X2TS | CON-SNTP-3750X2TS | Cisco | SMARTNET 24X7X4 Catalyst 3750X 24 Port | 8 |
|  |  |  | Data IP Base |  |
|  |  |  |  |  |

**Data Center—Physical Security**

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|  | **Name** | **Catalog Num** | **Vendor** | **Description** | |  | **Qty** |  |
|  |  |  |  |  | |  |  |  |
|  | **CIAC-GW-K9** | CIAC-GW-K9 | Cisco | Cisco Physical Access Gateway | |  | 8 |  |
|  |  |  |  |  | |  |  |  |
|  | CIAC-GW-SW-1.0-K9 | CIAC-GW-SW-1.0-K9 | Cisco | Cisco Physical Access Gateway Software | |  | 8 |  |
|  |  |  |  | Version 1.0 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNT-GWK9 | CON-SNT-GWK9 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | |  | 8 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-35** |  |
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**Appendix A** **Bill Of Material**

**Data Center—Physical Security**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CIAC-PAME-1125-K9** | | | CIAC-PAME-1125-K9 | Cisco | Cisco Physical Access Manager Appliance | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC | | | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 4 |  |
|  |  |  |  |  |  | 5-15P, 2.1m |  |  |
|  |  | | |  |  |  |  |  |
|  | CIAC-SW-LNX-1.0-K9 | | | CIAC-SW-LNX-1.0-K9 | Cisco | Cisco PAM Appliance Software Version 1.0 | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-PAM1125 | | | CON-SNT-PAM1125 | Cisco | SMARTNET 8X5XNBD Cisco Physical Access | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2421** | | | CIVS-IPC-2421 | Cisco | Cisco Indoor SD IP Dome, 2.8-10mm, D/N, | 4 |  |
|  |  |  |  |  |  | Smoked, CM |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2421 | | | CON-SNT-IPC2421 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2421 | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2500** | | | CIVS-IPC-2500 | Cisco | Cisco 2500 IP Camera, Full Resolution, | 4 |  |
|  |  |  |  |  |  | Day/Night |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-CAB-BAC | | | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-IPC-VT55 | | | CIVS-IPC-VT55 | Cisco | Cisco IP Camera Tamron 5-50mm Varifocal | 4 |  |
|  |  |  |  |  |  | Lens |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-PWRPAC-12V | | | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | 4 |  |
|  |  |  |  |  |  | for Encode/Dec |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2500 | | | CON-SNT-IPC2500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2500 | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2520V** | | | CIVS-IPC-2520V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, VR | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2520 | | | CON-SNT-IPC2520 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2520V | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-2521V** | | | CIVS-IPC-2521V | Cisco | Cisco SD IP Dome, 2.8-10mm, D/N, Smoked, | 4 |  |
|  |  |  |  |  |  | VR |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC2521 | | | CON-SNT-IPC2521 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-2521V | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-4500** | | | CIVS-IPC-4500 | Cisco | Cisco 4500 IP Camera, HD, DSP, Day/Night | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-CAB-BAC | | | CIVS-CAB-BAC | Cisco | CIVS C15 Power Cable North America | 4 |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-IPC-VFM15-50 | | | CIVS-IPC-VFM15-50 | Cisco | Cisco IP Camera Lens Megapixel 15-50mm | 4 |  |
|  |  |  |  |  |  | Fujinon |  |  |
|  |  | | |  |  |  |  |  |
|  | CIVS-PWRPAC-12V | | | CIVS-PWRPAC-12V | Cisco | Cisco VS External Dual Voltage Power Supply | 4 |  |
|  |  |  |  |  |  | for Encode/Dec |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-IPC4500 | | | CON-SNT-IPC4500 | Cisco | SMARTNET 8X5XNBD CIVS-IPC-4500 | 4 |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-5010** | | | CIVS-IPC-5010 | Cisco | Cisco Video Surveillance IP Camera, Indoor | 4 |  |
|  |  |  |  |  |  | HD Dome (Clear) |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNT-CIVSIPC1 | | | CON-SNT-CIVSIPC1 | Cisco | SMARTNET 8X5XNBD Cisco Video | 4 |  |
|  |  |  |  |  |  | Surveillance IP Camera |  |  |
|  |  | | |  |  |  |  |  |
|  | **CIVS-IPC-5011** | | | CIVS-IPC-5011 | Cisco | Cisco Video Surveillance IP Camera, Indoor | 4 |  |
|  |  |  |  |  |  | HD Dome (Smoked) |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | **A-36** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Data Center—Wireless Systems**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CON-SNT-CIVSIPC0 | CON-SNT-CIVSIPC0 | Cisco | SMARTNET 8X5XNBD Cisco Video | 4 |
|  |  |  | Surveillance IP Camera, Indo |  |
|  |  |  |  |  |
| **CIVS-MSP-4RU** | CIVS-MSP-4RU | Cisco | 4RU w/Motherboard;1 CPU;RAID;Pwr | 2 |
|  |  |  | Suppl;NO Drives;NO Options |  |
|  |  |  |  |  |
| CIVS-CAB-16-AC | CIVS-CAB-16-AC | Cisco | CIVS C16 Power Cable North America | 4 |
|  |  |  |  |  |
| CIVS-FC-1P | CIVS-FC-1P | Cisco | 1 Port FibreChannel Card for CIVS-MSP | 2 |
|  |  |  |  |  |
| CIVS-HDD-1000 | CIVS-HDD-1000 | Cisco | 1TB SATA Drive for CIVS-MSP | 48 |
|  |  |  |  |  |
| CIVS-MS-SW6.2 | CIVS-MS-SW6.2 | Cisco | CIVS-MS Media Server v6.2 Software License | 2 |
|  |  |  | with Hardware |  |
|  |  |  |  |  |
| CIVS-PS-900 | CIVS-PS-900 | Cisco | Redundant 900W Power Supply for CIVS-MSP | 2 |
|  |  |  | 2RU, 4RU |  |
|  |  |  |  |  |
| CIVS-VSM-SW4262 | CIVS-VSM-SW4262 | Cisco | CIVS-VSM Video Surveillance Manager | 2 |
|  |  |  | v4.2/6.2 SW Mfg Image |  |
|  |  |  |  |  |
| CON-SNT-VSM4U | CON-SNT-VSM4U | Cisco | SMARTNET 8X5XNBD 4RU MSP Assembly | 2 |
|  |  |  |  |  |
| **CIVS-SS-4U-42000** | CIVS-SS-4U-42000 | Cisco | Cisco VS 4U Storage System with 42x1000GB | 4 |
|  |  |  | drives |  |
|  |  |  |  |  |
| CON-SNT-VSS442K | CON-SNT-VSS442K | Cisco | SMARTNET 8X5XNBD CIVS-SS-4U-42000 | 4 |
|  |  |  |  |  |
| **CIVS-VM-1DFL=** | CIVS-VM-1DFL= | Cisco | Cisco VS Virtual Matrix Client License, 1 client | 10 |
|  |  |  |  |  |
| **CIVS-VM-SW6.2=** | CIVS-VM-SW6.2= | Cisco | CIVS-VM Virtual Matrix v6.2 Software | 1 |
|  |  |  | License |  |
|  |  |  |  |  |
| CON-SAS-VMSW62 | CON-SAS-VMSW62 | Cisco | SW APP SUPP CIVS-VM Virtual Matrix v6.2 | 1 |
|  |  |  | Software Lic |  |
|  |  |  |  |  |

**Data Center—Wireless Systems**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | **Catalog Num** | **Vendor** | **Description** | |  | **Qty** |  |
|  |  |  |  |  | |  |  |  |
|  | **AIR-CT5508-500-2PK** | AIR-CT5508-500-2PK | Cisco | 2x AIR-CT5508-500-K9 | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | AIR-PWR-CORD-NA | AIR-PWR-CORD-NA | Cisco | AIR Line Cord North America | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | LIC-CT5508-500 | LIC-CT5508-500 | Cisco | 500 AP Base license | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | LIC-CT5508-BASE | LIC-CT5508-BASE | Cisco | Base Software License | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | SWC5500K9-70 | SWC5500K9-70 | Cisco | Cisco Unified Wireless Controller SW Release | |  | 4 |  |
|  |  |  |  | 7.0 |  |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | AIR-CT5508-500-K9Z | AIR-CT5508-500-K9Z | Cisco | 5508 Series Controller for up to 500 APs | |  | 4 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
|  |  |  |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-37** |  |
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**Appendix A** **Bill Of Material**

**Data Center—Management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CON-SNTP-AIRC552P | CON-SNTP-AIRC552P | Cisco | SMARTNET 24X7X4 Two 5508 Series | 2 |
|  |  |  | Controller for up to 500 |  |
|  |  |  |  |  |
| **AIR-MSE-3355-K9** | AIR-MSE-3355-K9 | Cisco | MSE 3355 Hardware SKU | 2 |
|  |  |  |  |  |
| AIR-MSE-PAK | AIR-MSE-PAK | Cisco | Mobility Services Configurable PAK | 2 |
|  |  |  |  |  |
| AIR-PWR-CORD-NA | AIR-PWR-CORD-NA | Cisco | AIR Line Cord North America | 2 |
|  |  |  |  |  |
| AIR-WIPS-AP-2000 | AIR-WIPS-AP-2000 | Cisco | Cisco wIPS License, Supporting Cisco 2000 | 2 |
|  |  |  | Monitor Mode APs |  |
|  |  |  |  |  |
| SWMSE3355K9-70 | SWMSE3355K9-70 | Cisco | Cisco 3355 Series Mobility Services Engine | 2 |
|  |  |  | SW Release 7.0 |  |
|  |  |  |  |  |
| **WCS-CD-K9** | WCS-CD-K9 | Cisco | CD With Windows And Linux. No License. | 4 |
|  |  |  |  |  |
| **WCS-ENT-PLUS-K9** | WCS-ENT-PLUS-K9 | Cisco | Family SKU for WCS Enterprise PLUS | 1 |
|  |  |  | License Products |  |
|  |  |  |  |  |
| CON-SAU-WENTK9 | CON-SAU-WENTK9 | Cisco | SW APP SUPP + UPGR Family SKU for WCS | 1 |
|  |  |  | E |  |
|  |  |  |  |  |
| WCS-ENT-PLUS-10000 | WCS-ENT-PLUS-10000 | Cisco | Cisco WCS Enterprise PLUS License for | 1 |
|  |  |  | 10,000 APs, Win/Linux |  |
|  |  |  |  |  |

**Data Center—Management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Catalog Num** | **Vendor** | **Description** | **Qty** |
|  |  |  |  |  |
| **CSACS-1121-K9** | CSACS-1121-K9 | Cisco | ACS 1121 Appliance With 5.x SW And Base | 2 |
|  |  |  | license |  |
|  |  |  |  |  |
| CSACS-5-BASE-LIC | CSACS-5-BASE-LIC | Cisco | Cisco Secure ACS 5 Base License | 2 |
|  |  |  |  |  |
| CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | 2 |
|  |  |  | 5-15P, 2.1m |  |
|  |  |  |  |  |
| CON-SNTP-SACS1121 | CON-SNTP-SACS1121 | Cisco | SMARTNET 24X7X4 ACS 1121 Appliance | 2 |
|  |  |  | With 5.1 |  |
|  |  |  |  |  |
| CSACS-5-ADV-LIC | CSACS-5-ADV-LIC | Cisco | ACS 5 Security Group Access System License | 2 |
|  |  |  |  |  |
| CSACS-5.2-SW-K9 | CSACS-5.2-SW-K9 | Cisco | Config Option: ACS 5.2 Software Loaded On | 2 |
|  |  |  | 1121 |  |
|  |  |  |  |  |
| **CSMPR-LIC-1000** | CSMPR-LIC-1000 | Cisco | Cisco Security Manager Pro - Incremental 1000 | 1 |
|  |  |  | Device License |  |
|  |  |  |  |  |
| CON-P2S-CSMPRI1K | CON-P2S-CSMPRI1K | Cisco | PM2, SAS CSM Ent Pro -1K incr. dev license | 1 |
|  |  |  |  |  |
| **CSMPR50-4.0-K9** | CSMPR50-4.0-K9 | Cisco | Cisco Security Manager 4.0 Professional w/ 50 | 1 |
|  |  |  | Device License |  |
|  |  |  |  |  |

**Cisco PCI Solution for Retail 2.0 Design and Implementation Guide**

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**Appendix A** **Bill Of Material**

**Data Center—Management**

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|  | CSMPR50-PAK4 | CSMPR50-PAK4 | Cisco | CS Mgr Enterprise Pro 50 - Secondary PAK | |  | 1 |  |
|  |  |  |  |  | |  |  |  |
|  | CON-CSSPS-CSMPR50 | CON-CSSPS-CSMPR50 | Cisco | SHARED SUPP SAS CS Mgr 4.0 Enterprise | |  | 1 |  |
| 4 | | 4 |  | Pro 50 DeviceBase | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | **CSMPR50-U-4.0-K9** | CSMPR50-U-4.0-K9 | Cisco | Cisco Security Manager 3.x to 4.0 Upgrade - | |  | 1 |  |
|  |  |  |  | PRO-50 License | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CSMPR50-PAK4 | CSMPR50-PAK4 | Cisco | CS Mgr Enterprise Pro 50 - Secondary PAK | |  | 1 |  |
|  |  |  |  |  | |  |  |  |
|  | **NAC3355-3500-K9** | NAC3355-3500-K9 | Cisco | NAC Appliance 3355 Server -max 3500 users | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | NAC3355-95-CAVACC | NAC3355-95-CAVACC | Cisco | NAC Appliance 3355-95 Cavium Accelerator | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | NAC3355-SVR | NAC3355-SVR | Cisco | NAC Appliance 3355 Server Hardware | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | |  | 8 |  |
|  |  |  |  | 5-15P, 2.1m | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNT-NAC535M | CON-SNT-NAC535M | Cisco | SMARTNET 8X5XNBD NAC3355-3500-K9 | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | NAC-SVR-48-K9 | NAC-SVR-48-K9 | Cisco | NAC Appliance Server Release 4.8 | |  | 4 |  |
|  |  |  |  |  | |  |  |  |
|  | **NACMGR-M-STD-K9** | NACMGR-M-STD-K9 | Cisco | Cisco NAC Standard Manager for 20 servers | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | NAC3355 | NAC3355 | Cisco | NAC Appliance 3355 Manager Hardware | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | NAC3355-95-CAVACC | NAC3355-95-CAVACC | Cisco | NAC Appliance 3355-95 Cavium Accelerator | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-AC | CAB-AC | Cisco | AC Power Cord (North America), C13, NEMA | |  | 4 |  |
|  |  |  |  | 5-15P, 2.1m | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNT-NAMSTDK9 | CON-SNT-NAMSTDK9 | Cisco | SMARTNET 8X5XNBD | |  | 2 |  |
|  |  |  |  | NACMGR-M-STD-K9 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | **SPESMA-VC-BASE** | SPESMA-VC-BASE | Cisco | EMC VoyenceControl Base | |  | 1 |  |
|  |  |  |  |  | |  |  |  |
|  | SP-PRODUCTS-TERMS | SP-PRODUCTS-TERM | Cisco | Buyer Acceptance of SolutionsPlus Terms and | |  | 1 |  |
|  |  | S |  | Conditions | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SPESMA-VC-LIC | SPESMA-VC-LIC | Cisco | EMC VoyenceControl License Card | |  | 1 |  |
|  |  |  |  |  | |  |  |  |
|  | SPESMA-VCMD-P | SPESMA-VCMD-P | Cisco | EMC VoyenceControl Prod Lic (RTU Lic per | |  | 1 |  |
|  |  |  |  | NOC/Data Ctr) | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SPESMA-VCMD1-03 | SPESMA-VCMD1-03 | Cisco | EMC VoyenceControl Managed Tier 1 Device | |  | 1,200 |  |
|  |  |  |  | License: 1001-1500 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SPESMA-VCMD2-03 | SPESMA-VCMD2-03 | Cisco | EMC VoyenceControl Managed Tier 2 Device | |  | 1,200 |  |
|  |  |  |  | License: 1001-1500 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SPESMA-VCMD3-03 | SPESMA-VCMD3-03 | Cisco | EMC VoyenceControl Managed Tier 3 Device | |  | 1,200 |  |
|  |  |  |  | License: 1001-1500 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SPESMA-VCO-LIC | SPESMA-VCO-LIC | Cisco | EMC Voyence PCI Advisor License Card | |  | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Access, Aggregation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SPESMA-VCO-NA02 | SPESMA-VCO-NA02 | Cisco | EMC Voyence Network Advisor - Less Than | 1 |
|  |  |  | 10,000 Devices |  |
|  |  |  |  |  |
| SPESMA-VCO-PCI | SPESMA-VCO-PCI | Cisco | EMC Voyence PCI Advisor | 1 |
|  |  |  |  |  |

**Data Center—Access, Aggregation**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | | | **Catalog Num** | **Vendor** | **Description** | **Qty** |  |
|  |  | | |  |  |  |  |  |
|  | **L-VLVSG-VNMC=** | | | L-VLVSG-VNMC= | Cisco | Virtual Network Mgmt Center Base License | 1 |  |
|  |  |  |  |  |  | for VSG eDelivery |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-CSSPU-LVLVSG | | | CON-CSSPU-LVLVSG | Cisco | SHARED SUPP SAU Virtual Network Mgmt | 1 |  |
|  |  |  |  |  |  | Center Base for VSG |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SAU-LVLVSG | | | CON-SAU-LVLVSG | Cisco | SW APP SUPP + UPGR Virtual Network | 1 |  |
|  |  |  |  |  |  | Mgmt Center Base for VSG |  |  |
|  |  | | |  |  |  |  |  |
|  | L-VLVSG-VNMC-P1 | | | L-VLVSG-VNMC-P1 | Cisco | VSG and VNMC eDelivery CPU License | 32 |  |
|  |  |  |  |  |  | Promo 1 Qty 32 |  |  |
|  |  | | |  |  |  |  |  |
|  | **N1K-C1010** | | | N1K-C1010 | Cisco | Cisco Nexus 1010 Virtual Services Appliance | 1 |  |
|  |  | | |  |  |  |  |  |
|  | A01-X0105 | | | A01-X0105 | Cisco | 2.66GHz Xeon X5650 95W CPU/12MB | 2 |  |
|  |  |  |  |  |  | cache/DDR3 1333MHz |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-C13-C14-JMPR | | | CAB-C13-C14-JMPR | Cisco | Recessed receptical AC power cord 27 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | N01-M304GB1 | | | N01-M304GB1 | Cisco | 4GB DDR3-1333MHz | 4 |  |
|  |  |  |  |  |  | RDIMM/PC3-10600/dual rank 1Gb DRAMs |  |  |
|  |  | | |  |  |  |  |  |
|  | N1K-VLCPU-32 | | | N1K-VLCPU-32 | Cisco | Nexus 1000V for Nexus 1010 Paper CPU | 1 |  |
|  |  |  |  |  |  | License Qty 32 |  |  |
|  |  | | |  |  |  |  |  |
|  | N2XX-ABPCI03 | | | N2XX-ABPCI03 | Cisco | Broadcom 5709 Quad Port 10/100/1Gb NIC | 1 |  |
|  |  |  |  |  |  | w/TOE iSCSI |  |  |
|  |  | | |  |  |  |  |  |
|  | R200-BBLKD | | | R200-BBLKD | Cisco | HDD slot blanking panel for UCS C200 M1 | 2 |  |
|  |  |  |  |  |  | Rack Servers |  |  |
|  |  | | |  |  |  |  |  |
|  | R200-BHTS1 | | | R200-BHTS1 | Cisco | CPU heat sink for UCS C200 M1 Rack Server | 2 |  |
|  |  | | |  |  |  |  |  |
|  | R200-D500GCSATA03 | | | R200-D500GCSATA03 | Cisco | Gen 2 500GB SATA 7.2K RPM 3.5in HDD/hot | 2 |  |
|  |  |  |  |  |  | plug/C200 drive sled |  |  |
|  |  | | |  |  |  |  |  |
|  | R200-PCIBLKF1 | | | R200-PCIBLKF1 | Cisco | PCIe Full Height blanking panel for UCS | 1 |  |
|  |  |  |  |  |  | C-Series Rack Server |  |  |
|  |  | | |  |  |  |  |  |
|  | R200-SASCBL-001 | | | R200-SASCBL-001 | Cisco | Internal SAS Cable for a base UCS C200 M1 | 1 |  |
|  |  |  |  |  |  | Server |  |  |
|  |  | | |  |  |  |  |  |
|  | R2X0-ML002 | | | R2X0-ML002 | Cisco | LSI 1064E (4-port SAS 3.0G RAID 0, 1, 1E ) | 1 |  |
|  |  |  |  |  |  | Mezz Card |  |  |
|  |  | | |  |  |  |  |  |
|  | R2X0-PSU2-650W-SB | | | R2X0-PSU2-650W-SB | Cisco | 650W power supply, w/added 5A Standby for | 1 |  |
|  |  |  |  |  |  | UCS C200 or C210 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
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|  | **A-40** |  |  |  |  | **OL-13453-01** | |  |
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**Appendix A** **Bill Of Material**

**Data Center—Access, Aggregation**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | R2XX-CMAG3-1032 | R2XX-CMAG3-1032 | Cisco | Cable Mgmt Arm for R2XX-G31032RAIL for | |  | 1 |  |
|  |  |  |  | C200/C210 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | R2XX-G31032RAIL | R2XX-G31032RAIL | Cisco | G3 shorter stronger Rail Kit for UCS 200, 210 | |  | 1 |  |
|  |  |  |  | Rack Servers | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | R2XX-PSUBLKP | R2XX-PSUBLKP | Cisco | Power supply unit blnking pnl for UCS 200 | |  | 1 |  |
|  |  |  |  | M1 or 210 M1 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | R2XX-RAID1 | R2XX-RAID1 | Cisco | Enable RAID 1 Setting | |  | 1 |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-N5K6A-NA | CAB-N5K6A-NA | Cisco | Power Cord, 200/240V 6A North America | |  | 1 |  |
|  |  |  |  |  | |  |  |  |
|  | **N1K-VLCPU-32=** | N1K-VLCPU-32= | Cisco | Nexus 1000V Paper CPU License Qty 32 | |  | 1 |  |
|  |  |  |  | (1YR Min Service) | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | N1K-VLCPU-01 | N1K-VLCPU-01 | Cisco | Nexus 1000V Paper CPU License Qty 1 | |  | 32 |  |
|  |  |  |  |  | |  |  |  |
|  | **N5K-C5020P-NBF** | N5K-C5020P-NBF | Cisco | Nexus 5020 NetApp OSM version, 2 PS | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | N5020-ACC-KIT | N5020-ACC-KIT | Cisco | Nexus 5020 Accessory Kit, Option | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | N5K-PAC-1200W | N5K-PAC-1200W | Cisco | Nexus 5020 PSU module, 100-240VAC | |  | 4 |  |
|  |  |  |  | 1200W | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-9K12A-NA | CAB-9K12A-NA | Cisco | Power Cord, 125VAC 13A NEMA 5-15 Plug, | |  | 4 |  |
|  |  |  |  | North America | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNTP-N5020 | CON-SNTP-N5020 | Cisco | SMARTNET 24X7X4 N5000 2RU Chassis no | |  | 2 |  |
|  |  |  |  | PS 5 | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | N5000FMS1K9 | N5000FMS1K9 | Cisco | Nexus 5000 Fabric Manager Server License | |  | 2 |  |
|  |  |  |  |  | |  |  |  |
|  | N5K-M1600 | N5K-M1600 | Cisco | N5000 1000 Series Module 6port 10GE(req | |  | 4 |  |
|  |  |  |  | SFP+) | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | N5KUK9-421N2.1 | N5KUK9-421N2.1 | Cisco | Nexus 5000 Base OS Software Rel | |  | 2 |  |
|  |  |  |  | 4.2(1)N2(1) | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | SFP-H10GB-CU1M | SFP-H10GB-CU1M | Cisco | 10GBASE-CU SFP+ Cable 1 Meter | |  | 16 |  |
|  |  |  |  |  | |  |  |  |
|  | SFP-H10GB-CU3M | SFP-H10GB-CU3M | Cisco | 10GBASE-CU SFP+ Cable 3 Meter | |  | 64 |  |
|  |  |  |  |  | |  |  |  |
|  | **N7K-C7010-BUN-R** | N7K-C7010-BUN-R | Cisco | Nexus 7010 Bundle | |  | 2 |  |
|  |  |  |  | (Chassis,(2)SUP1,(3)FAB1,(3)AC-6KW PSU) | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | N7K-AC-6.0KW | N7K-AC-6.0KW | Cisco | Nexus 7000 - 6.0KW AC Power Supply | |  | 6 |  |
|  |  |  |  | Module | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | N7K-C7010-FAB1-BUN | N7K-C7010-FAB1-BUN | Cisco | Nexus 7000 - 10 Slot Chassis - 46Gbps/Slot | |  | 6 |  |
|  |  |  |  | Fabric Module | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | N7K-SUP1-BUN | N7K-SUP1-BUN | Cisco | Nexus 7000 - Supervisor 1, Includes External | |  | 4 |  |
|  |  |  |  | 8GB Flash | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CAB-AC-2500W-US1 | CAB-AC-2500W-US1 | Cisco | Power Cord, 250Vac 16A, straight blade | |  | 12 |  |
|  |  |  |  | NEMA 6-20 plug, US | |  |  |  |
|  |  |  |  |  | |  |  |  |
|  | CON-SNTP-C701BR | CON-SNTP-C701BR | Cisco | SMARTNET 24X7X4 Nexus 7010 Bundle | |  | 2 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |  |
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|  | **OL-13453-01** |  |  |  |  |  | **A-41** |  |
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**Appendix A** **Bill Of Material**

**Data Center—UCS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| N7K-CPF-2GB | N7K-CPF-2GB | Cisco | Nexus Compact Flash Memory 2GB | 4 |
|  |  |  | (Expansion Flash - Slot 0) |  |
|  |  |  |  |  |
| N7K-M132XP-12 | N7K-M132XP-12 | Cisco | Nexus 7000 - 32 Port 10GbE, 80G Fabric (req. | 6 |
|  |  |  | SFP+) |  |
|  |  |  |  |  |
| N7K-M148GT-11 | N7K-M148GT-11 | Cisco | Nexus 7000 - 48 Port 10/100/1000, RJ-45 | 2 |
|  |  |  |  |  |
| N7KS1K9-50 | N7KS1K9-50 | Cisco | Cisco NX-OS Release 5.0 | 2 |
|  |  |  |  |  |
| SFP-10G-SR | SFP-10G-SR | Cisco | 10GBASE-SR SFP Module | 34 |
|  |  |  |  |  |
| **WS-C4948-10GE-S** | WS-C4948-10GE-S | Cisco | Catalyst 4948, IPB s/w, | 2 |
|  |  |  | 48\*10/100/1000+2\*10GE(X2), 1 AC p/s |  |
|  |  |  |  |  |
| PWR-C49-300AC | PWR-C49-300AC | Cisco | Catalyst 4948 300-Watt AC Power Supply | 2 |
|  |  |  |  |  |
| S49IPB-12253SG | S49IPB-12253SG | Cisco | Cisco CAT4900 IOS IP BASE W/O CRYPTO | 2 |
|  |  |  |  |  |
| CAB-US515-C15-US | CAB-US515-C15-US | Cisco | NEMA 5-15 to IEC-C15 8ft US | 2 |
|  |  |  |  |  |
| CON-SNT-C4948GES | CON-SNT-C4948GES | Cisco | SMARTNET 8X5XNBD 4948, IPB s/w | 2 |
|  |  |  | 4810/100/1K 2 10GE |  |
|  |  |  |  |  |
| X2-10GB-SR= | X2-10GB-SR= | Cisco | 10GBASE-SR X2 Module | 4 |
|  |  |  |  |  |

**Data Center—UCS**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | | | **Catalog Num** | **Vendor** | **Description** |  | **Qty** |  |
|  |  | | |  |  |  |  |  |  |
|  | **N20-Z0001** | | | N20-Z0001 | Cisco | Cisco Unified Computing System |  | 1 |  |
|  |  | | |  |  |  |  |  |  |
|  | N1K-VLEM-UCS-1 | | | N1K-VLEM-UCS-1 | Cisco | Nexus 1000V License PAK For 1 Virtual |  | 32 |  |
|  |  |  |  |  |  | Ethernet Module On UCS |  |  |  |
|  |  | | |  |  |  |  |  |  |
|  | VMW-VS-ENTP-1A | | | VMW-VS-ENTP-1A | Cisco | VMware vSphere Enterprise Plus (1 CPU), |  | 32 |  |
|  |  |  |  |  |  | 1yr support required |  |  |  |
|  |  | | |  |  |  |  |  |  |
|  | A01-X0100 | | | A01-X0100 | Cisco | 3.33GHz Xeon X5680 130W CPU/12MB |  | 64 |  |
|  |  |  |  |  |  | cache/DDR3 1333MHz |  |  |  |
|  |  | | |  |  |  |  |  |  |
|  | A03-D146GC2 | | | A03-D146GC2 | Cisco | 146GB 6Gb SAS 15K RPM SFF HDD/hot |  | 64 |  |
|  |  |  |  |  |  | plug/drive sled mounted |  |  |  |
|  |  | | |  |  |  |  |  |  |
|  | CAB-AC-C6K-TWLK | | | CAB-AC-C6K-TWLK | Cisco | Power Cord, 250Vac 16A, twist lock NEMA |  | 16 |  |
|  |  |  |  |  |  | L6-20 plug, US |  |  |  |
|  |  | | |  |  |  |  |  |  |
|  | CAB-N5K6A-NA | | | CAB-N5K6A-NA | Cisco | Power Cord, 200/240V 6A North America |  | 4 |  |
|  |  | | |  |  |  |  |  |  |
|  | CON-ISV1-VCS1A | | | CON-ISV1-VCS1A | Cisco | ISV 24X7 VMware vCenter Server Std 1 Yr |  | 32 |  |
|  |  |  |  |  |  | RQD |  |  |  |
|  |  | | |  |  |  |  |  |  |
|  | CON-ISV1-VLEMUCS | | | CON-ISV1-VLEMUCS | Cisco | ISV 24X7 Nexus 1000V License PAK For 1 |  | 64 |  |
|  |  |  |  |  |  | Virtual Et |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—UCS**

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|  | CON-ISV1-VSENTP1A | CON-ISV1-VSENTP1A | Cisco | ISV 24X7 VMware vSphere EntPlus1CPU | | 32 |  |
|  |  |  |  | 1Yr RQD | |  |  |
|  |  |  |  |  | |  |  |
|  | CON-ISV1-VSENTP3A | CON-ISV1-VSENTP3A | Cisco | ISV 24X7 VMware vSphere EntPlus1CPU | | 32 |  |
|  |  |  |  | 3Yr RQD | |  |  |
|  |  |  |  |  | |  |  |
|  | CON-UCS1-1E0440 | CON-UCS1-1E0440 | Cisco | UC SUPPORT 8X5XNBD 4PT 10GE/4PT | | 2 |  |
|  |  |  |  | 4Gb FC/ExpanMod 6100Series | |  |  |
|  |  |  |  |  | |  |  |
|  | CON-UCS1-1S6200 | CON-UCS1-1S6200 | Cisco | UC SUPPORT 8X5XNBD 6140XP 40PT | | 2 |  |
|  |  |  |  | Fabric Interconnect | |  |  |
|  |  |  |  |  | |  |  |
|  | CON-UCS1-2C6508 | CON-UCS1-2C6508 | Cisco | UC SUPPORT 8X5XNBD 5108 Blade Server | | 4 |  |
|  |  |  |  | Chassis | |  |  |
|  |  |  |  |  | |  |  |
|  | CON-UCS1-2Z0001 | CON-UCS1-2Z0001 | Cisco | UC SUPPORT 8X5XNBD Cisco Unified | | 1 |  |
|  |  |  |  | Computing System | |  |  |
|  |  |  |  |  | |  |  |
|  | CON-UCS1-B66251 | CON-UCS1-B66251 | Cisco | UC SUPPORT 8X5XNBD UCSB200 M2 | | 32 |  |
|  |  |  |  | Blade Svr w/o CPU Mem HDD Mez | |  |  |
|  |  |  |  |  | |  |  |
|  | DS-SFP-FC4G-SW | DS-SFP-FC4G-SW | Cisco | 4 Gbps Fibre Channel-SW SFP, LC | | 32 |  |
|  |  |  |  |  | |  |  |
|  | N01-M308GB2-L | N01-M308GB2-L | Cisco | 8GB DDR3-1333MHz | | 384 |  |
|  |  |  |  | RDIMM/PC3-10600/dual rank/Low Voltage | |  |  |
|  |  |  |  |  | |  |  |
|  | N01-UAC1 | N01-UAC1 | Cisco | Single phase AC power module for UCS 5108 | | 4 |  |
|  |  |  |  |  | |  |  |
|  | N10-E0440 | N10-E0440 | Cisco | 4-port 10 GE/4-port 4Gb FC/Expansion | | 2 |  |
|  |  |  |  | module/UCS 6100 Series | |  |  |
|  |  |  |  |  | |  |  |
|  | N10-L001 | N10-L001 | Cisco | UCS 6100 Series Fabric Interconnect 1 10GE | | 32 |  |
|  |  |  |  | port license | |  |  |
|  |  |  |  |  | |  |  |
|  | N10-MGT005 | N10-MGT005 | Cisco | UCS Manager v1.3 | | 2 |  |
|  |  |  |  |  | |  |  |
|  | N10-PAC2-750W | N10-PAC2-750W | Cisco | 750W power supply unit for UCS | | 4 |  |
|  |  |  |  | 6140XP/100-240VAC | |  |  |
|  |  |  |  |  | |  |  |
|  | N10-S6200 | N10-S6200 | Cisco | UCS 6140XP 40-port Fabric Interconnect/0 | | 2 |  |
|  |  |  |  | PSU/5 fans/no SFP+ | |  |  |
|  |  |  |  |  | |  |  |
|  | N10-SACCB | N10-SACCB | Cisco | Accessory kit for UCS 6140XP Fabric | | 2 |  |
|  |  |  |  | Interconnect | |  |  |
|  |  |  |  |  | |  |  |
|  | N10-SBLKE | N10-SBLKE | Cisco | Expansion module slot blanking panel for | | 2 |  |
|  |  |  |  | UCS 6100 Series | |  |  |
|  |  |  |  |  | |  |  |
|  | N1K-CSK9-UCS-404 | N1K-CSK9-UCS-404 | Cisco | Nexus 1000V VSM Virtual Appliance | | 32 |  |
|  |  |  |  | Software On UCS | |  |  |
|  |  |  |  |  | |  |  |
|  | N1K-VLEM-UCS-1 | N1K-VLEM-UCS-1 | Cisco | Nexus 1000V License PAK For 1 Virtual | | 32 |  |
|  |  |  |  | Ethernet Module On UCS | |  |  |
|  |  |  |  |  | |  |  |
|  | N20-AC0002 | N20-AC0002 | Cisco | UCS M81KR Virtual Interface | | 32 |  |
|  |  |  |  | Card/PCIe/2-port 10Gb | |  |  |
|  |  |  |  |  | |  |  |
|  | N20-B6625-1 | N20-B6625-1 | Cisco | UCS B200 M2 Blade Server w/o CPU, | | 32 |  |
|  |  |  |  | memory, HDD, mezzanine | |  |  |
|  |  |  |  |  | |  |  |
|  | N20-BHTS1 | N20-BHTS1 | Cisco | CPU heat sink for UCS B200 Blade Server | | 64 |  |
|  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | |  |  |  |
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**Appendix A** **Bill Of Material**

**Data Center—Core**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| N20-C6508 | N20-C6508 | Cisco | UCS 5108 Blade Server Chassis/0 PSU/8 | 4 |
|  |  |  | fans/0 fabric extender |  |
|  |  |  |  |  |
| N20-FAN5 | N20-FAN5 | Cisco | Fan module for UCS 5108 | 32 |
|  |  |  |  |  |
| N20-FW005 | N20-FW005 | Cisco | UCS 5108 Blade Server Chassis FW package | 4 |
|  |  |  |  |  |
| N20-I6584 | N20-I6584 | Cisco | UCS 2104XP Fabric Extender/4 external | 8 |
|  |  |  | 10Gb ports |  |
|  |  |  |  |  |
| N20-PAC5-2500W | N20-PAC5-2500W | Cisco | 2500W power supply unit for UCS 5108 | 16 |
|  |  |  |  |  |
| SFP-H10GB-CU1M | SFP-H10GB-CU1M | Cisco | 10GBASE-CU SFP+ Cable 1 Meter | 32 |
|  |  |  |  |  |
| SFP-H10GB-CU3M | SFP-H10GB-CU3M | Cisco | 10GBASE-CU SFP+ Cable 3 Meter | 96 |
|  |  |  |  |  |
| UCS-VMW-N1K-BUN | UCS-VMW-N1K-BUN | Cisco | Bundle of VMware Ent Plus and Nexus 1K | 32 |
|  |  |  | License |  |
|  |  |  |  |  |
| VMW-VCS-1A | VMW-VCS-1A | Cisco | VMware vCenter Server Standard, 1yr support | 32 |
|  |  |  | required |  |
|  |  |  |  |  |
| VMW-VS-ENTP-3A | VMW-VS-ENTP-3A | Cisco | VMware vSphere Enterprise Plus (1 CPU), | 32 |
|  |  |  | 3yr support required |  |
|  |  |  |  |  |

**Data Center—Core**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Name** | | | **Catalog Num** | **Vendor** | **Description** | **Qty** |  |
|  |  | | |  |  |  |  |  |
|  | **N7K-C7010-BUN-R** | | | N7K-C7010-BUN-R | Cisco | Nexus 7010 Bundle | 1 |  |
|  |  |  |  |  |  | (Chassis,(2)SUP1,(3)FAB1,(3)AC-6KW |  |  |
|  |  |  |  |  |  | PSU) |  |  |
|  |  | | |  |  |  |  |  |
|  | N7K-AC-6.0KW | | | N7K-AC-6.0KW | Cisco | Nexus 7000 - 6.0KW AC Power Supply | 3 |  |
|  |  |  |  |  |  | Module |  |  |
|  |  | | |  |  |  |  |  |
|  | N7K-C7010-FAB1-BUN | | | N7K-C7010-FAB1-BUN | Cisco | Nexus 7000 - 10 Slot Chassis - 46Gbps/Slot | 3 |  |
|  |  |  |  |  |  | Fabric Module |  |  |
|  |  | | |  |  |  |  |  |
|  | N7K-SUP1-BUN | | | N7K-SUP1-BUN | Cisco | Nexus 7000 - Supervisor 1, Includes External | 2 |  |
|  |  |  |  |  |  | 8GB Flash |  |  |
|  |  | | |  |  |  |  |  |
|  | CAB-AC-2500W-US1 | | | CAB-AC-2500W-US1 | Cisco | Power Cord, 250Vac 16A, straight blade | 6 |  |
|  |  |  |  |  |  | NEMA 6-20 plug, US |  |  |
|  |  | | |  |  |  |  |  |
|  | CON-SNTP-C701BR | | | CON-SNTP-C701BR | Cisco | SMARTNET 24X7X4 Nexus 7010 Bundle | 1 |  |
|  |  | | |  |  |  |  |  |
|  | N7K-M132XP-12 | | | N7K-M132XP-12 | Cisco | Nexus 7000 - 32 Port 10GbE, 80G Fabric | 3 |  |
|  |  |  |  |  |  | (req. SFP+) |  |  |
|  |  | | |  |  |  |  |  |
|  | N7K-M148GT-11 | | | N7K-M148GT-11 | Cisco | Nexus 7000 - 48 Port 10/100/1000, RJ-45 | 1 |  |
|  |  | | |  |  |  |  |  |
|  | N7KS1K9-50 | | | N7KS1K9-50 | Cisco | Cisco NX-OS Release 5.0 | 1 |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | **Cisco PCI Solution for Retail 2.0 Design and Implementation Guide** | | |  |  |  |
|  |  |  |  |  |  |
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|  | **A-44** |  |  |  |  | **OL-13453-01** | |  |
|  |  |  |  |  |  |

**Appendix A** **Bill Of Material**

**Data Center—Core**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **N7K-C7010-BUN-R** | N7K-C7010-BUN-R | Cisco | Nexus 7010 Bundle | 1 |
|  |  |  | (Chassis,(2)SUP1,(3)FAB1,(3)AC-6KW |  |
|  |  |  | PSU) |  |
|  |  |  |  |  |
| N7K-AC-6.0KW | N7K-AC-6.0KW | Cisco | Nexus 7000 - 6.0KW AC Power Supply | 3 |
|  |  |  | Module |  |
|  |  |  |  |  |
| N7K-C7010-FAB1-BUN | N7K-C7010-FAB1-BUN | Cisco | Nexus 7000 - 10 Slot Chassis - 46Gbps/Slot | 3 |
|  |  |  | Fabric Module |  |
|  |  |  |  |  |
| N7K-SUP1-BUN | N7K-SUP1-BUN | Cisco | Nexus 7000 - Supervisor 1, Includes External | 2 |
|  |  |  | 8GB Flash |  |
|  |  |  |  |  |
| CAB-AC-2500W-US1 | CAB-AC-2500W-US1 | Cisco | Power Cord, 250Vac 16A, straight blade | 6 |
|  |  |  | NEMA 6-20 plug, US |  |
|  |  |  |  |  |
| CON-SNTP-C701BR | CON-SNTP-C701BR | Cisco | SMARTNET 24X7X4 Nexus 7010 Bundle | 1 |
|  |  |  |  |  |
| N7K-M132XP-12 | N7K-M132XP-12 | Cisco | Nexus 7000 - 32 Port 10GbE, 80G Fabric | 3 |
|  |  |  | (req. SFP+) |  |
|  |  |  |  |  |
| N7K-M148GT-11 | N7K-M148GT-11 | Cisco | Nexus 7000 - 48 Port 10/100/1000, RJ-45 | 1 |
|  |  |  |  |  |
| N7KS1K9-50 | N7KS1K9-50 | Cisco | Cisco NX-OS Release 5.0 | 1 |
|  |  |  |  |  |

**Cisco PCI Solution for Retail 2.0 Design and Implementation Guide**

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**Appendix A** **Bill Of Material**

**Data Center—Core**

**Cisco PCI Solution for Retail 2.0 Design and Implementation Guide**

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