

This BOM includes all Cisco equipment that is approved and supported for use on the ITRP project. Use of equipment that is not on this BOM is possible with the following restrictions:

- (1) No commitments regarding availability, lead times, suitability for use, or reliability can be made.
- (2) Design, configuration, implementation, and support services may not be available, or may incur additional charges.
- (3) On-going support for the equipment will only be available three months after FCS of the product.
- (4) Time and/or cost impacts on the ITRP project as a whole will require approval of the Program Governance team.

Vendor	Product	Description	Comments
	<b>MDF 6513</b>		
Cisco	WS-C6513	Catalyst 6513 Chassis	
Cisco	WS-CAC-4000W-US	4000Watt AC Power Supply for US (cable attached)	
Cisco	WS-CAC-4000W-US/2	Redundant 4000W AC Power Supply for US (cable attached)	
Cisco	WS-X6K-S2-MSFC2	Catalyst 6500 Supervisor Engine-2, 2GE, plus MSFC-2 / PFC-2 (Active Supervisor)	
Cisco	WS-X6K-S2-MSFC2/2	Cat 6500 Red. Sup2, 2GE, MSFC2 and PFC2 (Standby Supervisor)	
Cisco	MEM-C6K-ATA-1-64M	64MB PCMCIA ATA Flashdisk	Need to order 2 per chassis, One for active supervisor engine and one for standby supervisor engine* * Requires Supervisor Engine 2 ROMMON version 7.1(1)
Cisco	MEM-S2-128MB	Catalyst 6000 Sup2 Mem, 128MB DRAM Option	Need to order 2 per chassis. One for active supervisor engine and one for standby supervisor engine
Cisco	MEM-MSFC2-512MB	MSFC2 Memory Option 512 MB	Need to order 2 per chassis. One for active MSFC and one for standby MSFC
Cisco	WS-SVC-NAM-2	Catalyst 6500 Network Analysis Module	
Cisco	WS-X6500-SFM2	Catalyst 6500 Switch Fabric Module 2	Need to order 2 per chassis, one primary and one redundant
Cisco	WS-X6516-GBIC	Catalyst 6500 16-port GigE Mod: Fabric-Enabled (Req. GBICs)	
Cisco	WS-X6548-RJ-45	Catalyst 6500 48-port 10/100, RJ-45, x-bar	
Cisco	WS-X6548-RJ-21	Catalyst 6500 48-port 10/100, RJ-21, fabric-enabled	
Cisco	SC6K-SUP2K9-7.3.2	Catalyst 6000 Supervisor 2 Flash Image w/SSH, Release 7.3.2	<b>Only applies to switches that operate in <i>Hybrid</i> mode.</b> Need to order 2 per chassis. One for active supervisor engine and one for standby supervisor engine* * <i>Minimum ROMMON required for this version is 6.1(3)</i>
Cisco	S6MSF2AK2-12113E	Catalyst 6000 SUP2/MSFC2 IOS ENTERPRISE W/VIP SSH 3DES	<b>Only applies to switches that operate in <i>Hybrid</i> mode.</b> Need to order 2 per chassis. One for active MSFC and one for standby MSFC
Cisco	SC-SVC-NAM-2.2	Catalyst 6500 NAM SW Release 2.2	

	<b>MDF 6509</b>		
Cisco	WS-C6509	Catalyst 6509 Chassis	
Cisco	WS-CAC-2500W	Catalyst 6000 2500W AC Power Supply	
Cisco	WS-CAC-2500W/2	Catalyst 6000 Second 2500W AC Power	
Cisco	CAB-AC-C6K-TWLK	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	
Cisco	WS-X6K-S2-MSFC2	Catalyst 6500 Supervisor Engine-2, 2GE, plus MSFC-2 / PFC-2 (Active Supervisor)	
Cisco	WS-X6K-S2-MSFC2/2	Cat 6500 Red. Sup2, 2GE, MSFC2 and PFC2 (Standby	
Cisco	MEM-C6K-ATA-1-64M	64MB PCMCIA ATA Flashdisk	Need to order 2 per chassis, One for active supervisor engine and one for standby supervisor engine* * Requires Supervisor Engine 2 ROMMON version 7.1(1)
Cisco	MEM-S2-128MB	Catalyst 6000 Sup2 Mem, 128MB DRAM Option	Need to order 2 per chassis. One for active supervisor engine and one for standby supervisor engine
Cisco	MEM-MSFC2-512MB	MSFC2 Memory Option 512 MB	Need to order 2 per chassis. One for active MSFC and one for standby MSFC
Cisco	WS-SVC-NAM-2	Catalyst 6500 Network Analysis Module	
Cisco	WS-X6500-SFM2	Catalyst 6500 Switch Fabric Module 2	Need to order 2 per chassis, one primary and one redundant
Cisco	WS-X6516-GBIC	Catalyst 6500 16-port GigE Mod: Fabric-Enabled (Req. GBICs)	
Cisco	WS-X6548-RJ-45	Catalyst 6500 48-port 10/100, RJ-45, x-bar	

Cisco	WS-X6548-RJ-21	Catalyst 6500 48-port 10/100, RJ-21, fabric-enabled	
Cisco	SC6K-SUP2K9-7.3.2	Catalyst 6000 Supervisor 2 Flash Image w/SSH, Release 7.3.2	<b>Only applies to switches that operate in <i>Hybrid</i> mode.</b> Need to order 2 per chassis. One for active supervisor engine and one for standby supervisor engine* *Minimum ROMMON required for this version is 6.1(3)
Cisco	S6MSF2AK2-12113E	Catalyst 6000 SUP2/MSFC2 IOS ENTERPRISE W/VIP SSH 3DES	<b>Only applies to switches that operate in <i>Hybrid</i> mode.</b> Need to order 2 per chassis. One for active MSFC and one for standby MSFC
Cisco	SC-SVC-NAM-2.2	Catalyst 6500 NAM SW Release 2.2	

	<b>BDF 6509</b>		
Cisco	WS-C6509	Catalyst 6509 Chassis	
Cisco	WS-CAC-2500W	Catalyst 6000 2500W AC Power Supply	
Cisco	CAB-AC-C6K-TWLK	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	
Cisco	WS-X6K-S2-PFC2	Catalyst 6500 Supervisor Engine-2, 2GE, plus PFC-2	
Cisco	MEM-C6K-FLC24M	Catalyst 6000 Supervisor PCMCIA Flash Mem Card, 24MB	
Cisco	MEM-S2-128MB	Catalyst 6000 Sup2 Mem, 128MB DRAM Option	
Cisco	WS-X6408A-GBIC	Catalyst 6000 8-port GE, Enhanced QoS (Req. GBICs)	
Cisco	WS-X6416-GBIC	Catalyst 6000 16-port Gig-Ethernet Mod. (Req. GBICs)	
Cisco	WS-X6348-RJ45V	Catalyst 6500 48-port 10/100, Inline Power, RJ-45	
Cisco	WS-X6348-RJ21V	Catalyst 6000 48-port 10/100, Inline Power, RJ-21	
Cisco	SC6K-SUP2K9-7.3.2	Catalyst 6000 Supervisor 2 Flash Image w/SSH, Release 7.3.2	
Cisco	WS-C6X09-EMS-LIC	Catalyst 6x09 RMON Agent License	

	<b>BDF 4506</b>		
Cisco	WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	
Cisco	PWR-C45-1300ACV	Catalyst 4500 1300W AC Power Supply with Int Voice	
Cisco	CAB-7513AC	AC Power Cord North America	
Cisco	WS-X4013	Catalyst 4000 Supervisor II, Console(RJ45),Mgt.(RJ45)	
Cisco	WS-X4148-RJ	Catalyst 4000 10/100 Auto Module, 48-Ports (RJ-45)	
Cisco	WS-X4148-RJ21	Catalyst 4000 10/100 Module, 48-Ports Telco (4xRJ21)	
Cisco	WS-X4232-GB-RJ	Catalyst 4000 E/FE/GE Module,2- GE(GBIC),32- 10/100 (RJ-	
Cisco	WS-X4306-GB	Catalyst 4000 Gigabit Ethernet Module, 6-Ports (GBIC)	
Cisco	SC4K-SUPK9-7.4.1	Catalyst 4K Supervisor Flash Image w/ SSH, Release 7.4.1	
Cisco	WS-C4506-EMS-LIC	Catalyst 4506 RMON Agent License	

	<b>IDF 6509</b>		
Cisco	WS-C6509	Catalyst 6509 Chassis	
Cisco	WS-CAC-2500W	Catalyst 6000 2500W AC Power Supply	
Cisco	CAB-AC-C6K-TWLK	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	
Cisco	WS-X6K-S2-PFC2	Catalyst 6500 Supervisor Engine-2, 2GE, plus PFC-2	
Cisco	MEM-C6K-FLC24M	Catalyst 6000 Supervisor PCMCIA Flash Mem Card, 24MB	
Cisco	MEM-S2-128MB	Catalyst 6000 Sup2 Mem, 128MB DRAM Option	
Cisco	WS-X6416-GBIC	Catalyst 6000 16-port Gig-Ethernet Mod. (Req. GBICs)	
Cisco	WS-X6348-RJ45V	Catalyst 6500 48-port 10/100, Inline Power, RJ-45	
Cisco	WS-X6348-RJ21V	Catalyst 6000 48-port 10/100, Inline Power, RJ-21	
Cisco	SC6K-SUP2K9-7.3.2	Catalyst 6000 Supervisor 2 Flash Image w/SSH, Release 7.3.2	
Cisco	WS-C6X09-EMS-LIC	Catalyst 6x09 RMON Agent License	

	<b>IDF 4506</b>		
Cisco	WS-C4506	Catalyst 4500 Chassis (6-Slot),fan, no p/s	
Cisco	PWR-C45-1300ACV	Catalyst 4500 1300W AC Power Supply with Int Voice	
Cisco	CAB-7513AC	AC Power Cord North America	

Cisco	WS-X4013	Catalyst 4000 Supervisor II, Console(RJ45),Mgt.(RJ45)	
Cisco	WS-X4148-RJ	Catalyst 4000 10/100 Auto Module, 48-Ports (RJ-45)	
Cisco	WS-X4148-RJ21	Catalyst 4000 10/100 Module, 48-Ports Telco (4xRJ21)	
Cisco	WS-X4232-GB-RJ	Catalyst 4000 E/FE/GE Module,2- GE(GBIC),32- 10/100 (RJ-	
Cisco	SC4K-SUPK9-7.4.1	Catalyst 4K Supervisor Flash Image w/ SSH, Release 7.4.1	
Cisco	WS-C4506-EMS-LIC	Catalyst 4506 RMON Agent License	

	<b>WS-C3508G-XL</b>		Permissible as low-cost Gigabit Ethernet concentrator
Cisco	WS-C3508G-XL-EN	Catalyst 3508G XL Enterprise Edition	
Cisco	CAB-AC	Power Cord,110V	
Cisco	c3500xl-c3h2s-mz.120-5.WC5a.bin	Catalyst 3500 Image, Release 12.0(5)WC5	

	<b>IDF 2950G-48</b>		
Cisco	WS-C2950G-48-EI	Catalyst 2950, 48 10/100 with 2 GBIC slots, Enhanced Image	
Cisco	CAB-AC	Power Cord,110V	
Cisco	WS-X3500-XL	GigaStack Stacking GBIC and 50cm cable	
Cisco	CAB-GS-1M	One meter cable/39.3696 inches	
Cisco	c2950-i6k2l2q4-mz.121-12c.EA1a.bin	Catalyst 2950 EI and SI IOS Crypto Image, Release 12.1.12c.EA1a	

	<b>IDF 2950G-24</b>		
Cisco	WS-C2950G-24-EI	Catalyst 2950, 48 10/100 with 2 GBIC slots, Enhanced Image	
Cisco	CAB-AC	Power Cord,110V	
Cisco	WS-X3500-XL	GigaStack Stacking GBIC and 50cm cable	
Cisco	CAB-GS-1M	One meter cable/39.3696 inches	
Cisco	c2950-i6k2l2q4-mz.121-12c.EA1a.bin	Catalyst 2950 EI and SI IOS Crypto Image, Release 12.1.12c.EA1a	

	<b>IDF 2950G-12</b>		
Cisco	WS-C2950G-12-EI	Catalyst 2950, 48 10/100 with 2 GBIC slots, Enhanced Image	
Cisco	CAB-AC	Power Cord,110V	
Cisco	WS-X3500-XL	GigaStack Stacking GBIC and 50cm cable	
Cisco	CAB-GS-1M	One meter cable/39.3696 inches	
Cisco	c2950-i6k2l2q4-mz.121-12c.EA1a.bin	Catalyst 2950 EI and SI IOS Crypto Image, Release 12.1.12c.EA1a	

	<b>GBIC's</b>		
Cisco	WS-G5484	1000BASE-SX Short Wavelength GBIC (Multimode only)	
Cisco	WS-G5486	1000BASE-LX/LH long haul GBIC (singlemode or multimode)	