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**ADMINISTRATOR'S DECISION ON GLOBAL SERVICE SUBSTITUTION REQUEST**

**12/4/2019**

Contact Name: Dan Leister  
Vendor: Cisco Systems, Inc.

Dear Cisco Systems:

This is in response to your Global Service Substitution request, per email dated 12/3/2019:

**The following are determined to be an acceptable substitution when used for eligible purposes.**

<u>End of Life</u>		<u>Approved Substituted Product</u>	
<u>Description of SKU</u>	<u>SKU</u>	<u>Replacement Description</u>	<u>Replacement SKU</u>
Cisco One Catalyst 3850 24 Port PoE	C1-WS3850-24P/K9	Catalyst 9300 24-port PoE+, Network Advantage	C9300-24P-A
Cisco One Catalyst 3850 24 Port Data	C1-WS3850-24T/K9	Catalyst 9300 24-port data only, Network Advantage	C9300-24T-A
Cisco One Catalyst 3850 24 Port UPoE	C1-WS3850-24U/K9	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco One Catalyst 3850 48 Port Full PoE	C1-WS3850-48F/K9	Catalyst 9300 48-port PoE+, Network Advantage	C9300-48P-A
Cisco One Catalyst 3850 48 Port PoE	C1-WS3850-48P/K9	Catalyst 9300 48-port PoE+, Network Advantage	C9300-48P-A
Cisco One Catalyst 3850 48 Port Data	C1-WS3850-48T/K9	Catalyst 9300 48-port data only, Network Advantage	C9300-48T-A

Cisco One Catalyst 3850 48 Port UPoE	C1-WS3850-48U/K9	Catalyst 9300 48-port UPOE, Network Advantage	C9300-48U-A
Cisco ONE Catalyst 3850 48Port (12mGig+36Gig) UPoE LAN Base	C1-WSC3850-12X48UL	Catalyst 9300 48-port (12 mGig & 36 2.5Gbps) Network Advantage	C9300-48UXM-A
Cisco ONE Catalyst 3850 24 mGig Port UPoE LAN Base	C1-WSC3850-24XUL	Catalyst 9300 24-port mGig and UPOE, Network Advantage	C9300-24UX-A
Cisco Digital Building Catalyst 3850 24 Port UPOE Bundle	CDB-3850-24U-L	Catalyst 9300 24-port UPOE, Network Essentials	C9300-24U-E
Cisco Digital Building Catalyst 3850 24 Port UPOE Bundle	CDB-3850-24U-L	Catalyst Digital Building 8 Port UPoE	CDB-8U
Cisco Digital Building Catalyst 3850 48 Port UPOE Bundle	CDB-3850-48U-L	Catalyst 9300 48-port UPOE, Network Essentials	C9300-48U-E
Cisco Digital Building Catalyst 3850 48 Port UPOE Bundle	CDB-3850-48U-L	Catalyst Digital Building 8 Port UPoE	CDB-8U
Cisco Catalyst 3850 24 Port PoE LAN Base K12	EDU-C3850-24P-L	Catalyst 9300 24-port PoE+, K12	C9300-24P-EDU
Cisco Catalyst 3850 24 Port PoE IP Base K12	EDU-C3850-24P-S	Catalyst 9300 24-port PoE+, K12	C9300-24P-EDU
Cisco Catalyst 3850 24 Port UPOE LAN Base K12	EDU-C3850-24U-L	Catalyst 9300 24-port UPOE, K12	C9300-24U-EDU
Cisco Catalyst 3850 48 Port Full PoE LAN Base K12	EDU-C3850-48F-L	Catalyst 9300 48-port PoE+, K12	C9300-48P-EDU
Cisco Catalyst 3850 48 Port Full PoE IP Base for K12	EDU-C3850-48F-S	Catalyst 9300 48-port PoE+, K12	C9300-48P-EDU
Cisco Catalyst 3850 48 Port PoE LAN	EDU-C3850-48P-L	Catalyst 9300 48-port PoE+, K12	C9300-48P-EDU

Base K12			
Cisco Catalyst 3850 48 Port Full PoE IP Base for K12	EDU-C3850-48P-S	Catalyst 9300 48- port PoE+, K12	C9300-48P-EDU
Cisco Catalyst 3850 48 Port Full PoE w/ 5 AP license IPB K12	EDU-C3850-48PW-S	Catalyst 9300 48- port PoE+, K12	C9300-48P-EDU
Cisco Catalyst 3850 48 Port UPOE LAN Base for K12	EDU-C3850-48U-L	Catalyst 9300 48- port UPOE, K12	C9300-48U-EDU
Cisco Catalyst 3850 48 Port UPOE IP Base for K12	EDU-C3850-48U-S	Catalyst 9300 48- port UPOE, K12	C9300-48U-EDU
Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE IPServices	WS-C3850-12X48U-E	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Advantage	C9300-48UXM-A
Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE IPS-Japan	WS-C3850-12X48U-EJ	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Advantage	C9300-48UXM-A
Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE LAN Base	WS-C3850-12X48U-L	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Essentials	C9300-48UXM-E
Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE LB-Japan	WS-C3850-12X48U-LJ	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Essentials	C9300-48UXM-E
Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE IP Base	WS-C3850-12X48U-S	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Advantage	C9300-48UXM-A
Cisco Catalyst 3850 48 Port (12 mGig+36 Gig) UPoE IPB-Japan	WS-C3850-12X48U-SJ	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Advantage	C9300-48UXM-A
Cisco Catalyst 3850 48 port (12 mGig) UPOE IPB with 5 AP Lic	WS-C3850-12X48UW-S	Catalyst 9300 48- port (12 mGig & 36 2.5Gbps) Network Advantage	C9300-48UXM-A
Cisco Catalyst 3850 24 Port PoE IP Services	WS-C3850-24P-BA	Catalyst 9300 24- port PoE+, Network Advantage	C9300-24P-A

Cisco Catalyst 3850 24 Port PoE IP Services	WS-C3850-24P-E	Catalyst 9300 24- port PoE+, Network Advantage	C9300-24P-A
Cisco Catalyst 3850 24 Port PoE IP Services	WS-C3850-24P-E-BR	Catalyst 9300 24- port PoE+, Network Advantage	C9300-24P-A-BR
Cisco Catalyst 3850 24 Port PoE LAN Base	WS-C3850-24P-L	Catalyst 9300 24- port PoE+, Network Essentials	C9300-24P-E
Cisco Catalyst 3850 24 Port PoE LAN Base	WS-C3850-24P-L-BR	Catalyst 9300 24- port PoE+, Network Essentials	C9300-24P-E-BR
Cisco Catalyst 3850 24 Port PoE IP Base	WS-C3850-24P-S	Catalyst 9300 24- port PoE+, Network Advantage	C9300-24P-A
Cisco Catalyst 3850 24 Port PoE IP Base	WS-C3850-24P-S-BR	Catalyst 9300 24- port PoE+, Network Advantage	C9300-24P-A-BR
Cisco Catalyst 3850 24 Port PoE with 5 AP license IP Base	WS-C3850-24PW-S	Catalyst 9300 24- port PoE+, Network Advantage	C9300-24P-A
Cisco Catalyst 3850 24 Port Data IP Services	WS-C3850-24T-BA	Catalyst 9300 24- port data only, Network Advantage	C9300-24T-A
Cisco Catalyst 3850 24 Port Data IP Services	WS-C3850-24T-E	Catalyst 9300 24- port data only, Network Advantage	C9300-24T-A
Cisco Catalyst 3850 24 Port Data IP Services	WS-C3850-24T-E-BR	Catalyst 9300 24- port data only, Network Advantage	C9300-24T-A-BR
Cisco Catalyst 3850 24 Port Data LAN Base	WS-C3850-24T-L	Catalyst 9300 24- port data only, Network Essentials	C9300-24T-E
Cisco Catalyst 3850 24 Port Data LAN Base	WS-C3850-24T-L-BR	Catalyst 9300 24- port data only, Network Essentials	C9300-24T-E-BR
Cisco Catalyst 3850 24 Port Data IP Base	WS-C3850-24T-S	Catalyst 9300 24- port data only, Network Advantage	C9300-24T-A
Cisco Catalyst 3850 24 Port Data IP	WS-C3850-24T-S-BR	Catalyst 9300 24- port data only,	C9300-24T-A-BR

Base		Network Advantage	
Cisco Catalyst 3850 24 Port UPOE IP Services	WS-C3850-24U-E	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 Port UPOE LAN Base	WS-C3850-24U-L	Catalyst 9300 24-port UPOE, Network Essentials	C9300-24U-E
Cisco Catalyst 3850 24 Port UPOE IP Base	WS-C3850-24U-S	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 Port UPOE with 5 AP licenses IP Base	WS-C3850-24UW-S	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 mGig Port UPoE IP Services	WS-C3850-24XU-E	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 mGig Port UPoE IP Services-Japan	WS-C3850-24XU-EJ	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 mGig Port UPoE LAN Base	WS-C3850-24XU-L	Catalyst 9300 24-port UPOE, Network Essentials	C9300-24U-E
Cisco Catalyst 3850 24 mGig Port UPoE LAN Base-Japan	WS-C3850-24XU-LJ	Catalyst 9300 24-port UPOE, Network Essentials	C9300-24U-E
Cisco Catalyst 3850 24 mGig Port UPoE IP Base	WS-C3850-24XU-S	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 mGig Port UPoE IP Base-Japan	WS-C3850-24XU-SJ	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 24 mGig Port UPOE IP Base 5 AP License	WS-C3850-24XUW-S	Catalyst 9300 24-port UPOE, Network Advantage	C9300-24U-A
Cisco Catalyst 3850 48 Port Full PoE IP	WS-C3850-48F-BA	Catalyst 9300 48-port PoE+, Network	C9300-48P-A

Services		Advantage	
Cisco Catalyst 3850 48 Port Full PoE IP Services	WS-C3850-48F-E	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port Full PoE IP Services	WS-C3850-48F-E-BR	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A-BR
Cisco Catalyst 3850 48 Port Full PoE LAN Base	WS-C3850-48F-L	Catalyst 9300 48- port PoE+, Network Essentials	C9300-48P-E
Cisco Catalyst 3850 48 Port Full PoE LAN Base	WS-C3850-48F-L-BR	Catalyst 9300 48- port PoE+, Network Essentials	C9300-48P-E-BR
Cisco Catalyst 3850 48 Port Full PoE IP Base	WS-C3850-48F-S	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port Full PoE IP Base	WS-C3850-48F-S-BR	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A-BR
Cisco Catalyst 3850 48 Port PoE IP Services	WS-C3850-48P-E	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port PoE IP Services	WS-C3850-48P-E-BR	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A-BR
Cisco Catalyst 3850 48 Port PoE LAN Base	WS-C3850-48P-L	Catalyst 9300 48- port PoE+, Network Essentials	C9300-48P-E
Cisco Catalyst 3850 48 Port PoE LAN Base	WS-C3850-48P-L-BR	Catalyst 9300 48- port PoE+, Network Essentials	C9300-48P-E-BR
Cisco Catalyst 3850 48 Port PoE IP Base	WS-C3850-48P-S	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port PoE IP Base	WS-C3850-48P-S-BR	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A-BR
Cisco Catalyst 3850 48 Port Full PoE w/ 5 AP license IP Base	WS-C3850-48PW-S	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port Full PoE w/ 5 AP license IP Base	WS-C3850-48PW-SZ	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A

Cisco Catalyst 3850 48 Port Data IP Services	WS-C3850-48T-BA	Catalyst 9300 48- port data only, Network Advantage	C9300-48T-A
Cisco Catalyst 3850 48 Port Data IP Services	WS-C3850-48T-E	Catalyst 9300 48- port data only, Network Advantage	C9300-48T-A
Cisco Catalyst 3850 48 Port Data IP Services	WS-C3850-48T-E-BR	Catalyst 9300 48- port data only, Network Advantage	C9300-48T-A-BR
Cisco Catalyst 3850 48 Port Data LAN Base	WS-C3850-48T-L	Catalyst 9300 48- port data only, Network Essentials	C9300-48T-E
Cisco Catalyst 3850 48 Port Data LAN Base	WS-C3850-48T-L-BR	Catalyst 9300 48- port data only, Network Essentials	C9300-48T-E-BR
Cisco Catalyst 3850 48 Port Data IP Base	WS-C3850-48T-S	Catalyst 9300 48- port data only, Network Advantage	C9300-48T-A
Cisco Catalyst 3850 48 Port Data IP Base	WS-C3850-48T-S-BR	Catalyst 9300 48- port data only, Network Advantage	C9300-48T-A-BR
Cisco Catalyst 3850 48 Port UPOE IP Services	WS-C3850-48U-E	Catalyst 9300 48- port UPOE, Network Advantage	C9300-48U-A
Cisco Catalyst 3850 48 Port UPOE LAN Base	WS-C3850-48U-L	Catalyst 9300 48- port UPOE, Network Essentials	C9300-48U-E
Cisco Catalyst 3850 48 Port UPOE IP Base	WS-C3850-48U-S	Catalyst 9300 48- port UPOE, Network Advantage	C9300-48U-A
Cisco Catalyst 3850 48 Port UPOE with 5 AP licenses IP Base	WS-C3850-48UW-S	Catalyst 9300 48- port UPOE, Network Advantage	C9300-48U-A
Cisco Catalyst 3850 48 Port PoE with 5 AP licenses IP Base	WS-C3850-48W-S	Catalyst 9300 48- port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850	WS-C3850R-24T-E	Catalyst 9300 24-	C9300-24T-A

24 Port Data IP Services, Russia		port data only, Network Advantage	
Cisco Catalyst 3850 24 Port Data LAN Base, Russia	WS-C3850R-24T-L	Catalyst 9300 24-port data only, Network Essentials	C9300-24T-E
Cisco Catalyst 3850 24 Port Data IP Base, Russia	WS-C3850R-24T-S	Catalyst 9300 24-port data only, Network Advantage	C9300-24T-A
Cisco Catalyst 3850 48 Port PoE IP Service, Russia	WS-C3850R-48P-E	Catalyst 9300 48-port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port PoE LAN Base, Russia	WS-C3850R-48P-L	Catalyst 9300 48-port PoE+, Network Essentials	C9300-48P-E
Cisco Catalyst 3850 48 Port PoE IP Base, Russia	WS-C3850R-48P-S	Catalyst 9300 48-port PoE+, Network Advantage	C9300-48P-A
Cisco Catalyst 3850 48 Port Data IP Services, mfg in Russia	WS-C3850R-48T-E	Catalyst 9300 48-port data only, Network Advantage	C9300-48T-A
Cisco Catalyst 3850 48 Port Data LAN Base, Russia	WS-C3850R-48T-L	Catalyst 9300 48-port data only, Network Essentials	C9300-48T-E
Cisco Catalyst 3850 48 Port Data IP Base, Russia	WS-C3850R-48T-S	Catalyst 9300 48-port data only, Network Advantage	C9300-48T-A
Cisco Catalyst 3850 48 Port UPOE IP Service, mfg in Russia	WS-C3850R-48U-E	Catalyst 9300 48-port UPOE, Network Advantage	C9300-48U-A
Cisco Catalyst 3850 48 Port UPOE LAN Base, Russia	WS-C3850R-48U-L	Catalyst 9300 48-port UPOE, Network Essentials	C9300-48U-E
Cisco Catalyst 3850 48 Port UPOE IP Base, Russia	WS-C3850R-48U-S	Catalyst 9300 48-port UPOE, Network Advantage	C9300-48U-A
Cat4500 E-Series 3-Slot Chassis, fan, no ps	C1-C4503-E	Cisco Catalyst 9400 Series 4 slot chassis	C9404R
Cisco ONE 4503-E	C1-C4503E+48V+	Catalyst 9400	C9404R-48U-BNDL-A



Chassis 1 WS- X4648-RJ45V+E Sup8L-E LAN Base		Series 4 slot, Sup, 1xC9400-LC-48U, DNA-A LIC	
Cisco ONE 4503-E Chassis 1 WS- X4648-RJ45V+E Sup8L-E LAN Base	C1-C4503E+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-E LIC	C9404R-48U-BNDL-E
Cisco ONE 4503-E Chassis 1 WS- X4648-RJ45V+E Sup7L-E LAN Base	C1-C4503E-S7L+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-A LIC	C9404R-48U-BNDL-A
Cisco ONE 4503-E Chassis 1 WS- X4648-RJ45V+E Sup7L-E LAN Base	C1-C4503E-S7L+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-E LIC	C9404R-48U-BNDL-E
Cisco ONE Cat4500 E-Series 6-Slot Chassis, fan, no ps	C1-C4506-E	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
Cisco ONE4506-E Chassis 2x WS- X4648-RJ45V+E Sup8L-E LAN Base	C1-C4506E+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
Cisco ONE4506-E Chassis 2x WS- X4648-RJ45V+E Sup8L-E LAN Base	C1-C4506E+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
Cisco ONE Sup8-E DNA Bundle for 6- slot with 2 x mGig	C1-C4506E-DNA	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
Cisco ONE4506-E Chassis 2x WS- X4648-RJ45V+E Sup7L-E LAN Base	C1-C4506E-S7L+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
Cisco ONE4506-E Chassis 2x WS- X4648-RJ45V+E Sup7L-E LAN Base	C1-C4506E-S7L+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
Cisco ONE Catalyst4500E 7 slot chassis 48Gbps/slot,fan,no ps	C1-C4507R+E	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
C ONE WS- C4507R+EChassis	C1-C4507RE+96V+	Catalyst 9400 Series 7 slot, Sup,	C9407R-96U-BNDL-A

2x WS-X4648-RJ45V+E Sup7L-E LANBase		2xC9400-LC-48U, DNA-A LIC	
C ONE WS-C4507R+EChassis 2x WS-X4648-RJ45V+E Sup7L-E LANBase	C1-C4507RE+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
Cisco ONE Sup8-E DNA Bundle for 7-slot with 2 x mGig	C1-C4507RE-DNA	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
Cisco ONE Catalyst 4500E 10 slot chs 48Gbps/slot,fan,no ps	C1-C4510R+E	Cisco Catalyst 9400 Series 10 slot chassis	C9410R
Cisco ONE Sup8-E DNA Bundle for 10-slot with 2 x mGig	C1-C4510RE-DNA	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-A LIC	C9410R-96U-BNDL-A
Cisco ONE 4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup8-E	C1-C4510RE-S8+96V+	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-A LIC	C9410R-96U-BNDL-A
Cisco ONE 4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup8-E	C1-C4510RE-S8+96V+	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-E LIC	C9410R-96U-BNDL-E
Cisco One Catalyst 4500 E-Series Supervisor 8-E	C1-X45-SUP8-E	Cisco Catalyst 9400 Series Supervisor 1XL Module	C9400-SUP-1XL
Cisco One Catalyst 4500 E-Series Redundant Supervisor 8-E	C1-X45-SUP8-E/2	Cisco Catalyst 9400 Series Redundant Supervisor 1XL Module	C9400-SUP-1XL/2
Cisco One Catalyst 4500 E-Series Supervisor 8L-E	C1-X45-SUP8L-E	Cisco Catalyst 9400 Series Supervisor 1 Module	C9400-SUP-1
Cisco One Catalyst 4500 E-Series Redundant Supervisor 8L-E	C1-X45-SUP8L-E/2	Cisco Catalyst 9400 Series Redundant Supervisor 1 Module	C9400-SUP-1/2
SUP8E and MGIG upgrade for 10 slot chassis bundle (96	C4500-10R-S8E-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle	C9400-LC-48UX-B

ports)		Select	
SUP8E and MGIG upgrade for 10 slot chassis bundle (96 ports)	C4500-10R-S8E-MGIG	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
SUP8E and MGIG upgrade for 3 slot chassis bundle (48 ports)	C4500E-3NR-8E-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
SUP8E and MGIG upgrade for 3 slot chassis bundle (48 ports)	C4500E-3NR-8E-MGIG	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Sup8-E and WS-X4748-RJ45V+E Upgrade for Bundle	C4500E-3NR-8E-POE+	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Sup8-E and WS-X4748-RJ45V+E Upgrade for Bundle	C4500E-3NR-8E-POE+	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
SUP8-E AND WS-X4748-UPOE+E UPGRADE FOR 3 SLOT BUNDLE	C4500E-3NR-8E-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
SUP8-E AND WS-X4748-UPOE+E UPGRADE FOR 3 SLOT BUNDLE	C4500E-3NR-8E-UPOE	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
Sup8L-E and 1 x WS-4748-RJ45V+E upgrade for 3-slot bundle	C4500E-3NR-8L-4748	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Sup8L-E and 1 x WS-4748-RJ45V+E upgrade for 3-slot bundle	C4500E-3NR-8L-4748	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
SUP8LE and MGIG upgrade for 3 slot chassis bundle (48 ports)	C4500E-3NR-8L-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
SUP8LE and MGIG upgrade for 3 slot chassis bundle (48 ports)	C4500E-3NR-8L-MGIG	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B

SUP8L-E AND WS-X4748-UPOE+E UPGRADE FOR 3 SLOT BUNDLE	C4500E-3NR-8L-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
SUP8L-E AND WS-X4748-UPOE+E UPGRADE FOR 3 SLOT BUNDLE	C4500E-3NR-8L-UPOE	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
SUP8E and MGIG upgrade for 6 slot chassis bundle (96 ports)	C4500E-6NR-8E-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
SUP8E and MGIG upgrade for 6 slot chassis bundle (96 ports)	C4500E-6NR-8E-MGIG	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Sup8-E and WS-X4748-RJ45V+E Upgrade for Bundle	C4500E-6NR-8E-POE+	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Sup8-E and WS-X4748-RJ45V+E Upgrade for Bundle	C4500E-6NR-8E-POE+	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
SUP8-E AND WS-X4748-UPOE+E UPGRADE FOR 6 SLOT BUNDLE	C4500E-6NR-8E-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
SUP8-E AND WS-X4748-UPOE+E UPGRADE FOR 6 SLOT BUNDLE	C4500E-6NR-8E-UPOE	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Sup8L-E and 2x WS-4748-RJ45V+E upgrade for 6-slot bundle	C4500E-6NR-8L-4748	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Sup8L-E and 2x WS-4748-RJ45V+E upgrade for 6-slot bundle	C4500E-6NR-8L-4748	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
SUP8LE and MGIG upgrade for 6 slot chassis bundle (96 ports)	C4500E-6NR-8L-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
SUP8LE and MGIG	C4500E-6NR-8L-MGIG	Cisco Catalyst 9400	C9400-SUP-1-B

upgrade for 6 slot chassis bundle (96 ports)		Series Supervisor-1 Bundle Select Option	
SUP8L-E AND WS-X4748-UPOE+E UPGRADE FOR 6 SLOT BUNDLE	C4500E-6NR-8L-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
SUP8L-E AND WS-X4748-UPOE+E UPGRADE FOR 6 SLOT BUNDLE	C4500E-6NR-8L-UPOE	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
SUP8E and MGIG upgrade for 7 slot chassis bundle (96 ports)	C4500E-7R-S8E-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
SUP8E and MGIG upgrade for 7 slot chassis bundle (96 ports)	C4500E-7R-S8E-MGIG	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Sup8-E and WS-X4748-RJ45V+E Upgrade for Bundle	C4500E-7R-S8E-POE+	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Sup8-E and WS-X4748-RJ45V+E Upgrade for Bundle	C4500E-7R-S8E-POE+	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
SUP8-E AND WS-X4748-UPOE+E UPGRADE FOR 7 SLOT BUNDLE	C4500E-7R-S8E-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
SUP8-E AND WS-X4748-UPOE+E UPGRADE FOR 7 SLOT BUNDLE	C4500E-7R-S8E-UPOE	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Sup8L-E and 2x WS-4748-RJ45V+E upgrade for 7-slot bundle	C4500E-7R-S8L-4748	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Sup8L-E and 2x WS-4748-RJ45V+E upgrade for 7-slot bundle	C4500E-7R-S8L-4748	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
SUP8LE and MGIG upgrade for 7 slot	C4500E-7R-S8L-MGIG	Catalyst 9400 Series 2xC9400-LC-	C9400-LC-48UX-B

chassis bundle (96 ports)		48UX for Bundle Select	
SUP8LE and MGIG upgrade for 7 slot chassis bundle (96 ports)	C4500E-7R-S8L-MGIG	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
SUP8L-E AND WS-X4748-UPOE+E UPGRADE FOR 7 SLOT BUNDLE	C4500E-7R-S8L-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
SUP8L-E AND WS-X4748-UPOE+E UPGRADE FOR 7 SLOT BUNDLE	C4500E-7R-S8L-UPOE	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
Sup8E and MGIG Upgrade PID for SDA Bundle	C4500E-8E-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
Sup8E and MGIG Upgrade PID for SDA Bundle	C4500E-8E-MGIG	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Sup8-E and WS-X4748-RJ45-E upgrade for data bundle	C4500E-S8E-RJ45	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
Sup8-E and WS-X4748-RJ45-E upgrade for data bundle	C4500E-S8E-RJ45	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
Default WS-X45-SUP8E with dual ME-X4748-SFP-E Bundle	C4500E-S8E-SFP-DEF	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S
Sup8L-E and WS-X4748-RJ45-E upgrade for data bundle	C4500E-S8L-RJ45	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
Sup8L-E and WS-X4748-RJ45-E upgrade for data bundle	C4500E-S8L-RJ45	Cisco Catalyst 9400 Series Supervisor-1 Bundle Select Option	C9400-SUP-1-B
Upgrade WS-X45-SUP8E with dual ME-X4748-SFP-E	C4500E-S8L-S8-SFP	Cisco Catalyst 9400 Series 48-Port Gigabit	C9400-LC-48S

Bundle		Ethernet(SFP)	
Default WS-X45-SUP8L-E with dual WS-X4712-SFP+E Bundle	C4500E-S8L-SFP+	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	C9400-LC-24XS
Default WS-X45-SUP8L-E with dual ME-X4748-SFP-E Bundle	C4500E-S8L-SFP-DEF	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S
Default WS-X45-SUP8-E with WS-X4748-RJ45V+E Bundle	C4510RE-S8-DEFAULT	Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	C9400-LC-48P-B
Default WS-X45-SUP8-E with WS-X4748-RJ45V+E Bundle	C4510RE-S8-DEFAULT	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
MGIG Upgrade for 10 slot chassis bundle(96 UPOE with 24mGIG)	C4510RE-S8-MGIG	Catalyst 9400 Series 2xC9400-LC-48UX for Bundle Select	C9400-LC-48UX-B
MGIG Upgrade for 10 slot chassis bundle(96 UPOE with 24mGIG)	C4510RE-S8-MGIG	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
WS-X4748-UPOE+E Upgrade	C4510RE-S8-UPOE	Cisco Catalyst 9400 Series 2xC9400-LC-48U for Bundle Select	C9400-LC-48U-B
WS-X4748-UPOE+E Upgrade	C4510RE-S8-UPOE	Cisco Catalyst 9400 Series Sup-1XL Bundle Select Option	C9400-SUP-1XL-B
80 Port GE CSFP FTTx, 2BX-D CSFP bundle mandatory	ME-X4640-CSFP-E	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S
80 Port GE CSFP FTTx, 2BX-D CSFP bundle mandatory	ME-X4640-CSFP-E=	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500 E-Series 12-Port 10GbE (SFP+) Bundle Line Card	ME-X4712-SFP+E	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	C9400-LC-24XS

48 Port GE SFP FTTx Module, BX-D SFPs mandatory	ME-X4748-GB-BDL=	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500 E- Series 48-Port GE (SFP) Bundle PID	ME-X4748-SFP-E	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500 1000W AC Power Supply (Data Only)	PWR-C45-1000AC	Cisco Catalyst 9400 Series 2100W AC Power Supply	C9400-PWR-2100AC
Catalyst 4500 1000W AC Power Supply Redundant(Data Only)	PWR-C45-1000AC/2	Cisco Catalyst 9400 Series 2100W AC Power Supply	C9400-PWR-2100AC
Catalyst 4500 1000W AC Power Supply (Data Only) Spare	PWR-C45-1000AC=	Cisco Catalyst 9400 Series 2100W AC Power Supply(Spare)	C9400-PWR-2100AC=
Catalyst 4500 1300W AC Power Supply (Data and PoE)	PWR-C45-1300ACV	Cisco Catalyst 9400 Series 2100W AC Power Supply	C9400-PWR-2100AC
Catalyst 4500 1300W AC Power Supply (Data and PoE)	PWR-C45-1300ACV/2	Cisco Catalyst 9400 Series 2100W AC Power Supply	C9400-PWR-2100AC
Catalyst 4500 1300W AC Power Supply (Data and PoE)	PWR-C45-1300ACV=	Cisco Catalyst 9400 Series 2100W AC Power Supply(Spare)	C9400-PWR-2100AC=
Catalyst 4500 1400W AC Power Supply (Data Only)	PWR-C45-1400AC	Cisco Catalyst 9400 Series 2100W AC Power Supply	C9400-PWR-2100AC
Catalyst 4500 1400W AC Power Supply Redundant(Data Only)	PWR-C45-1400AC/2	Cisco Catalyst 9400 Series 2100W AC Power Supply	C9400-PWR-2100AC
Catalyst 4500 1400W AC Power Supply (Data Only)(Spare)	PWR-C45-1400AC=	Cisco Catalyst 9400 Series 2100W AC Power Supply(Spare)	C9400-PWR-2100AC=
C4500 1400W DC	PWR-C45-1400DC	Cisco Catalyst 9400	C9400-PWR-3200DC



Triple Input SP Power Supply-data only		Series 3200W DC Power Supply	
Catalyst 4500 1400W DC Power Supply w/Int PEM	PWR-C45-1400DC-P	Cisco Catalyst 9400 Series 3200W DC Power Supply	C9400-PWR-3200DC
Catalyst 4500 1400W DC Power Supply Redundant w/Int PEM	PWR-C45-1400DC-P/2	Cisco Catalyst 9400 Series 3200W DC Power Supply	C9400-PWR-3200DC
Catalyst 4500 1400W DC Power Supply w/Int PEM (Spare)	PWR-C45-1400DC-P=	Cisco Catalyst 9400 Series 3200W DC Power Supply	C9400-PWR-3200DC=
C4500 1400W DC Triple Input SP Power Supply-data only	PWR-C45-1400DC/2	Cisco Catalyst 9400 Series 3200W DC Power Supply	C9400-PWR-3200DC
C4500 1400W DC Triple Input SP Power Supply-data only	PWR-C45-1400DC=	Cisco Catalyst 9400 Series 3200W DC Power Supply	C9400-PWR-3200DC=
Catalyst 4500 2800W AC Power Supply (Data and PoE)	PWR-C45-2800ACV	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500 2800W AC Power Supply (Data and PoE)	PWR-C45-2800ACV/2	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500 2800W AC Power Supply (Data and PoE)	PWR-C45-2800ACV=	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC=
Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	PWR-C45-4200ACV	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	PWR-C45-4200ACV/2	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500	PWR-C45-4200ACV=	Cisco Catalyst 9400	C9400-PWR-3200AC=

4200W AC dual input Power Supply (Data + PoE)		Series 3200W AC Power Supply	
Catalyst 4500 6000W AC dual input Power Supply (Data + PoE)	PWR-C45-6000ACV	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500 6000W AC dual input Power Supply (Data + PoE)	PWR-C45-6000ACV/2	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500 6000W AC dual input Power Supply (Data + PoE)	PWR-C45-6000ACV=	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC=
Catalyst 4500E 9000W AC triple input Power Supply (Data + Po)	PWR-C45-9000ACV	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500E 9000W AC triple input Power Supply (Data + Po)	PWR-C45-9000ACV/2	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC
Catalyst 4500E 9000W AC triple input Power Supply (Data + Po)	PWR-C45-9000ACV=	Cisco Catalyst 9400 Series 3200W AC Power Supply	C9400-PWR-3200AC=
Catalyst 4500 2GB SD Memory Card	SD-X45-2GB-E	Cisco Catalyst 9400 Series 240GB M2 SATA memory (Supervisor)	C9400-SSD-240GB
Catalyst 4500 2GB SD Memory Card	SD-X45-2GB-E=	Cisco Catalyst 9400 Series 240GB M2 SATA memory (Supervisor)	C9400-SSD-240GB=
Catalyst 4500 4GB USB device for Sup7-E	USB-X45-4GB-E	Cisco Catalyst 9400 Series 240GB M2 SATA memory (Supervisor)	C9400-SSD-240GB
Catalyst 4500 4GB USB device for Sup7-E	USB-X45-4GB-E=	Cisco Catalyst 9400 Series 240GB M2 SATA memory	C9400-SSD-240GB=

		(Supervisor)	
C4506-E Chassis, two ME-X4748- SFP-E, Sup8L- E,LAN Base Bundle	WS-4506E-S8L+96SFP	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
C4507R+E Chassis, two ME-X4748- SFP-E, Sup8L-E, LAN Base	WS-4507E-S8L+96SFP	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
WS-C4507R+E Chassis, two WS- X4748-RJ45V+E, Sup7L-E, LAN Base	WS-4507RE-S7L+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
WS-C4507R+E Chassis, two WS- X4748-RJ45V+E, Sup7L-E, LAN Base	WS-4507RE-S7L+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
4510R+E Chassis, two ME-X4748- SFP-E, Sup8E, LAN Base Bundle	WS-4510E-S8+96SFP	Cisco Catalyst 9400 Series 10 slot chassis	C9410R
Cat4500 E-Series 3-Slot Chassis, fan, no ps	WS-C4503-E	Cisco Catalyst 9400 Series 4 slot chassis	C9404R
Cat4500 E-Series 3-Slot Chassis, fan, no ps	WS-C4503-E=	Cisco Catalyst 9400 Series 4 slot chassis spare	C9404R=
4503-E Chassis, One WS-X4648- RJ45V+E, Sup8L-E, LAN Base	WS-C4503E+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-A LIC	C9404R-48U-BNDL-A
4503-E Chassis, One WS-X4648- RJ45V+E, Sup8L-E, LAN Base	WS-C4503E+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-E LIC	C9404R-48U-BNDL-E
4503-E Chassis, One WS-X4648- RJ45V+E, Sup7L-E, LAN Base	WS-C4503E-S7L+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-A LIC	C9404R-48U-BNDL-A
4503-E Chassis, One WS-X4648- RJ45V+E, Sup7L-E, LAN Base	WS-C4503E-S7L+48V+	Catalyst 9400 Series 4 slot, Sup, 1xC9400-LC-48U, DNA-E LIC	C9404R-48U-BNDL-E
Cat4500 E-Series 6-Slot Chassis, fan,	WS-C4506-E	Cisco Catalyst 9400 Series 7 slot chassis	C9407R

no ps			
Cat4500 E-Series 6-Slot Chassis, fan, no ps	WS-C4506-E=	Cisco Catalyst 9400 Series 7 slot chassis Spare	C9407R=
4506E Chassis, 1 SUP8L-E, 2 WS- X4748-RJ45-E, LAN base	WS-C4506E+96	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
4506E Chassis, 1 SUP8L-E, 2 WS- X4748-RJ45-E, LAN base	WS-C4506E+96	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
4506-E Chassis, two WS-X4648- RJ45V+E, Sup8L-E, LAN Base	WS-C4506E+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
4506-E Chassis, two WS-X4648- RJ45V+E, Sup8L-E, LAN Base	WS-C4506E+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
4506-E Chassis, two WS-X4648- RJ45V+E, Sup7L-E, LAN Base	WS-C4506E-S7L+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
4506-E Chassis, two WS-X4648- RJ45V+E, Sup7L-E, LAN Base	WS-C4506E-S7L+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
Catalyst4500E 7 slot chassis for 48Gbps/slot, fan, no ps	WS-C4507R+E	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
Catalyst4500E 7 slot chassis for 48Gbps/slot, fan, no ps	WS-C4507R+E=	Cisco Catalyst 9400 Series 7 slot chassis Spare	C9407R=
4507R+E Chassis, 1 SUP8L-E, 2 WS- X4748-RJ45-E, LAN base	WS-C4507RE+96	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	C9407R-96U-BNDL-A
4507R+E Chassis, 1 SUP8L-E, 2 WS- X4748-RJ45-E, LAN base	WS-C4507RE+96	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
WS-C4507R+E	WS-C4507RE+96V+	Catalyst 9400	C9407R-96U-BNDL-A

Chassis, two WS-X4648-RJ45V+E, Sup7L-E, LAN Base		Series 7 slot, Sup, 2xC9400-LC-48U, DNA-A LIC	
WS-C4507R+E Chassis, two WS-X4648-RJ45V+E, Sup7L-E, LAN Base	WS-C4507RE+96V+	Catalyst 9400 Series 7 slot, Sup, 2xC9400-LC-48U, DNA-E LIC	C9407R-96U-BNDL-E
Catalyst 4500E 10 slot chassis for 48Gbps/slot, fan, no ps	WS-C4510R+E	Cisco Catalyst 9400 Series 10 slot chassis	C9410R
Catalyst4500E 10 slot chassis for 48Gbps/slot, fan, no ps	WS-C4510R+E=	Cisco Catalyst 9400 Series 10 slot chassis	C9410R=
4510R+E Chassis, Two WS-X4748-RJ45-E, Sup8-E LAN Base	WS-C4510RE+96	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-A LIC	C9410R-96U-BNDL-A
4510R+E Chassis, Two WS-X4748-RJ45-E, Sup8-E LAN Base	WS-C4510RE+96	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-E LIC	C9410R-96U-BNDL-E
4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup8-E	WS-C4510RE-S8+96V+	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-A LIC	C9410R-96U-BNDL-A
4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup8-E	WS-C4510RE-S8+96V+	Catalyst 9400 Series 10 slot,Sup, 2xC9400-LC-48U, DNA-E LIC	C9410R-96U-BNDL-E
Catalyst 4500 E-Series Supervisor 8-E	WS-X45-SUP8-E	Cisco Catalyst 9400 Series Supervisor 1XL Module	C9400-SUP-1XL
Catalyst 4500 E-Series Redundant Supervisor 8-E	WS-X45-SUP8-E/2	Cisco Catalyst 9400 Series Redundant Supervisor 1XL Module	C9400-SUP-1XL/2
Catalyst 4500 E-Series Supervisor 8-E	WS-X45-SUP8-E=	Cisco Catalyst 9400 Series Supervisor 1XL Module Spare	C9400-SUP-1XL=
Catalyst 4500 E-Series Supervisor 8L-E	WS-X45-SUP8L-E	Cisco Catalyst 9400 Series Supervisor 1 Module	C9400-SUP-1
Catalyst 4500 E-	WS-X45-SUP8L-E/2	Cisco Catalyst 9400	C9400-SUP-1/2

Series Redundant Supervisor 8L-E		Series Redundant Supervisor 1 Module	
Catalyst 4500 E-Series Supervisor 8L-E	WS-X45-SUP8L-E=	Cisco Catalyst 9400 Series Supervisor 1 Module Spare	C9400-SUP-1=
Catalyst 4500 40 SFP/80 C-SFP ports 1000BaseX(SFPs Optional)	WS-X4640-CSFP-E	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S
Catalyst 4500 40 SFP/80 C-SFP ports 1000BaseX(SFPs Optional)	WS-X4640-CSFP-E++=	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500 40 SFP/80 C-SFP ports 1000BaseX(SFPs Optional)	WS-X4640-CSFP-E=	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500 E-Series 12-Port 10GbE (SFP+)	WS-X4712-SFP+E	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	C9400-LC-24XS
Catalyst 4500 E-Series 12-Port 10GbE (SFP+)	WS-X4712-SFP+E++=	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	C9400-LC-24XS=
Catalyst 4500 E-Series 12-Port 10GbE (SFP+)	WS-X4712-SFP+E=	Cisco Catalyst 9400 Series 24-Port 10 Gigabit Ethernet(SFP+)	C9400-LC-24XS=
Catalyst 4500 E-Series 12-Port GE (SFP)	WS-X4712-SFP-E	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	C9400-LC-24S
Catalyst 4500 E-Series 12-Port GE (SFP)	WS-X4712-SFP-E++=	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	C9400-LC-24S=
Catalyst 4500 E-Series 12-Port GE (SFP)	WS-X4712-SFP-E=	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	C9400-LC-24S=
Catalyst 4500 E-Series 24-Port GE (SFP)	WS-X4724-SFP-E	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	C9400-LC-24S

Catalyst 4500 E-Series 24-Port GE (SFP)	WS-X4724-SFP-E+++	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	C9400-LC-24S=
Catalyst 4500 E-Series 24-Port GE (SFP)	WS-X4724-SFP-E=	Cisco Catalyst 9400 Series 24-Port Gigabit Ethernet(SFP)	C9400-LC-24S=
Catalyst 4500E 48-Port UPOE w/ 12p mGig and 36p 10/100/1000	WS-X4748-12X48U+++	Cisco Catalyst 9400 Series 48Port UPOE w/ 24p mGig 24p RJ-45	C9400-LC-48UX
Catalyst 4500E 48-Port UPOE w/ 12p mGig and 36p 10/100/1000	WS-X4748-12X48U+E	Cisco Catalyst 9400 Series 48Port UPOE w/ 24p mGig 24p RJ-45	C9400-LC-48UX=
Catalyst 4500E 48-Port UPOE w/ 12p mGig and 36p 10/100/1000	WS-X4748-12X48U+E=	Cisco Catalyst 9400 Series 48Port UPOE w/ 24p mGig 24p RJ-45	C9400-LC-48UX=
Catalyst 4500 E-Series 48-Port 10/100/1000 Non-Blocking	WS-X4748-RJ45-E	Cisco Catalyst 9400 Series 48-Port 10/100/1000 (RJ-45)	C9400-LC-48T
Catalyst 4500 E-Series 48-Port 10/100/1000 (spare)	WS-X4748-RJ45-E+++	Cisco Catalyst 9400 Series 48-Port 10/100/1000 (RJ-45)	C9400-LC-48T=
Catalyst 4500 E-Series 48-Port 10/100/1000 (spare)	WS-X4748-RJ45-E=	Cisco Catalyst 9400 Series 48-Port 10/100/1000 (RJ-45)	C9400-LC-48T=
Catalyst 4500E 48-Port PoE 802.3at 10/100/1000(RJ45)	WS-X4748-RJ45V+E	Cisco Catalyst 9400 Series 48-Port POE+ 10/100/1000 (RJ-45)	C9400-LC-48P
Catalyst 4500E 48-Port PoE 802.3at 10/100/1000(RJ45)	WS-X4748-RJ45V+E=	Cisco Catalyst 9400 Series 48-Port POE+ 10/100/1000 (RJ-45)	C9400-LC-48P=
Catalyst 4500E 48-Port PoE 802.3at 10/100/1000(RJ45)	WS-X4748-RJV+E+++	Cisco Catalyst 9400 Series 48-Port POE+ 10/100/1000 (RJ-45)	C9400-LC-48P=
Catalyst 4500 E-Series 48-Port GE	WS-X4748-SFP-E	Cisco Catalyst 9400 Series 48-Port	C9400-LC-48S

(SFP)		Gigabit Ethernet(SFP)	
Catalyst 4500 E-Series 48-Port GE (SFP)	WS-X4748-SFP-E++=	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500 E-Series 48-Port GE (SFP)	WS-X4748-SFP-E=	Cisco Catalyst 9400 Series 48-Port Gigabit Ethernet(SFP)	C9400-LC-48S=
Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)	WS-X4748-UPOE+E	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	C9400-LC-48U
Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45) for TAA	WS-X4748-UPOE+E++=	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	C9400-LC-48U=
Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)	WS-X4748-UPOE+E=	Cisco Catalyst 9400 Series 48-Port UPOE 10/100/1000 (RJ-45)	C9400-LC-48U=
C4506-E Chassis, two ME-X4748-SFP-E, Sup8L-E, LAN Base Bundle	WS4506E-8L+96SFP++	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
C4507R+E Chassis, two ME-X4748-SFP-E, Sup8L-E, LAN Base	WS4507E-8L+96SFP++	Cisco Catalyst 9400 Series 7 slot chassis	C9407R
4510R+E Chassis, two ME-X4748-SFP-E, Sup8E, LAN Base Bundle	WS4510E-S8+96SFP++	Cisco Catalyst 9400 Series 10 slot chassis	C9410R
Cisco ONE Catalyst 6816-X-Chassis (Standard Tables)	C1-C6816-X-LE	Catalyst 9500 Base PID	C9500-24Y4C
Cisco ONE Catalyst 6824-X-Chassis and 2x40G Standard Tables	C1-C6824-X-LE-40G	Catalyst 9500 Base PID	C9500-24Y4C
Cisco ONE Catalyst 6832-X-Chassis (Standard Tables)	C1-C6832-X-LE	Catalyst 9500 Base PID	C9500-48Y4C
Cisco ONE Catalyst	C1-C6840-X-LE-40G	Catalyst 9500 Base	C9500-48Y4C



6840-X-Chassis and 2x40G Standard Tables		PID	
Cisco Catalyst 6816-X-Chassis (Standard Tables)	C6816-X-LE	Catalyst 9500 Base PID	C9500-24Y4C
Cisco Catalyst 6816-X-Chassis (Standard Tables)	C6816-X-LE++	Catalyst 9500 Base PID	C9500-24Y4C
Cisco Catalyst 6816-X-Chassis (Standard Tables)	C6816-X-LE=	Catalyst 9500 Base PID	C9500-24Y4C
Cisco Catalyst 6824-X-Chassis and 2 x 40G (Standard Tables)	C6824-X-LE-40G	Catalyst 9500 Base PID	C9500-24Y4C
Cisco Catalyst 6824-X-Chassis and 2 x 40G (Standard Tables)	C6824-X-LE-40G=	Catalyst 9500 Base PID	C9500-24Y4C
Cisco Catalyst 6832-X-Chassis (Standard Tables)	C6832-X-LE	Catalyst 9500 Base PID	C9500-48Y4C
Cisco Catalyst 6832-X-Chassis (Standard Tables)	C6832-X-LE++	Catalyst 9500 Base PID	C9500-48Y4C
Cisco Catalyst 6832-X-Chassis (Standard Tables)	C6832-X-LE=	Catalyst 9500 Base PID	C9500-48Y4C
Cisco Catalyst 6840-X-Chassis and 2 x 40G (Standard Tables)	C6840-X-LE-40G	Catalyst 9500 Base PID	C9500-48Y4C
Cisco Catalyst 6840-X-Chassis and 2 x 40G (Standard Tables)	C6840-X-LE-40G=	Catalyst 9500 Base PID	C9500-48Y4C
Cisco ONE Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back	C1-C4500X-16SFP+	Catalyst 9500 16-port 10Gig switch, Baseboard	C9500-16X
Cisco ONE Catalyst 4500-X 32 Port 10G IP Base, Front-to-Back	C1-C4500X-32SFP+	Catalyst 9500 Base PID	C9500-48Y4C

Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	WS-C4500X-16SFP+	Catalyst 9500 16-port 10Gig switch, Baseboard	C9500-16X
Catalyst 4500-X 32 Port 10G IP Base, Front-to-Back, No P/S	WS-C4500X-32SFP+	Catalyst 9500 Base PID	C9500-48Y4C
Catalyst 4500-X 40 Port 10G Ent. Services, Frt-to-Bk, No P/S	WS-C4500X-40X-ES	Catalyst 9500 Base PID	C9500-48Y4C

The following products are conditional and may require cost allocation.

<u>End of Life</u>		<u>Approved Substituted Product</u>	
<u>Description of SKU</u>	<u>SKU</u>	<u>Replacement Description</u>	<u>Replacement SKU</u>

This is determined to be an acceptable substitution when used for eligible purposes.

The following products are ineligible.

<u>End of Life</u>		<u>Approved Substituted Product</u>		
<u>Description of SKU</u>	<u>SKU</u>	<u>Replacement Description</u>	<u>Replacement SKU</u>	<u>Note</u>
				(EXAMPLE) Redundant supervisor engines are ineligible

The following are determined to be an acceptable substitution when used for eligible purposes.

<u>No Change in Product – Change in Product Code (SKU) Only</u>		
<u>SKU</u>	<u>Description</u>	<u>Replacement SKU</u>

The following products are conditional and may require cost allocation.

<u>No Change in Product – Change in Product Code (SKU) Only</u>		
<u>SKU</u>	<u>Description</u>	<u>Replacement SKU</u>

This is determined to be an acceptable substitution when used for eligible purposes.

**The following products are ineligible.**

<b>No Change in Product – Change in Product Code (SKU) Only</b>			
<b><u>SKU</u></b>	<b><u>Description</u></b>	<b><u>Replacement SKU</u></b>	<b><u>Note</u></b>
			<b>(EXAMPLE)</b> Spare parts are ineligible

You may provide applicants with a copy of this letter. Including this letter as attachments to request for payment will speed up the approval process.

Please do not hesitate to contact me if further clarification of this letter is required. I can be reached by phone, e-mail or write me at "SLD – Correspondence Unit, P. O. Box 47607, Baltimore, MD 21244-47607."

*To Appeal This Decision*

If you wish to appeal a decision in this letter to USAC, your appeal must be received by USAC within 60 days of the date of this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. In your letter of appeal:

1. Include the name, address, telephone number, and email address for the person who can most readily discuss this appeal with us.
2. State outright that your letter is an appeal. Include the following to identify the USAC decision letter and the decision you are appealing:
  - Appellant name,
  - Applicant or service provider name, if different from appellant,
  - Applicant BEN and Service Provider Identification Number (SPIN),
  - Application or form number as assigned by USAC,
  - Funding Request Number(s) (FRNs) you are appealing if provided in the letter,
  - Name of letter and funding year – both are located at the top of the letter, and
  - The exact text or the decision that you are appealing.
3. Please keep your appeal to the point, and provide documentation to support your appeal. Be sure to keep a copy of your entire appeal, including any correspondence and documentation.
4. If you are an applicant, please provide a copy of your appeal to the service provider(s) affected by USAC's decision. If you are a service provider, please provide a copy of your appeal to the applicant(s) affected by USAC's decision.
5. Provide an authorized signature on your letter of appeal.

*How to Submit Your Appeal*

To submit your appeal to USAC by email, email your appeal to [appeals@usac.org](mailto:appeals@usac.org). USAC will automatically reply to incoming emails to confirm receipt.

For more information on submitting an appeal to USAC, please see "Appeals" in the Schools and Libraries section of the USAC website (<https://www.usac.org/about/about/program-integrity/appeals.aspx>).

Thank you for cooperation and continued support of the Universal Service Program.

Schools and Libraries Division  
Universal Service Administrative Company