

**MOD 2 - 2023-263-03 - Attachment 1 (Technical Specifications)**

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**CCNA & CCNP Bundle KIT Equipemnt**

<b>Detailization of components per one unit</b>		
<b>Reference Model: Cisco CCNA &amp; CCNP Bundle KIT Equipemnt</b>		
<b>Component</b>	<b>Description</b>	<b>QTY</b>
C8200L-1N-4T	Cisco Catalyst 8200L with 1-NIM slot and 4x1G WAN ports	2
MEM-C8200-4GB	Cisco Catalyst 8200 Edge 4GB memory	2
CAB-ACE	AC Power Cord (Europe), C13, CEE 7, 1.5M	2
C-RFID-1R	Cisco Catalyst 8000 Edge RFID - 1RU	2
C8000-HSEC	U.S. Export Restriction Compliance license for C8000 series	2
C8200-RM-19-1R	Cisco Catalyst 8200 Rack mount kit - 19" 1R	2
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	2
C8200-NIM-BLANK	Cisco Catalyst 8200 Edge NIM Blank	2
C8200-PIM-BLANK	Cisco Catalyst 8200 Edge PIM Blank	2
C-M2-BLANK	Cisco Catalyst 8000 Edge M.2 Blank Cover	2
IOSXE-AUTO-MODE	IOS XE Autonomous boot up mode for Unified image	2
SC8KBEUK9-176	UNIVERSAL	2
DNA-P-T0-E-3Y	Cisco DNA Essentials On-Prem Lic 3Y - upto 25M (Aggr, 50M)	2
SVS-PDNA-T0-E3Y	Solution Support for SW - DNA Essentials OnPrem Lic, T0, 3Y	2
DSTACK-T0-E	Cisco DNA Essentials Stack - upto 25M (Aggr, 50M)	2
NWSTACK-T0-E	Cisco Network Essentials Stack - upto 25M (Aggr, 50M)	2
SDWAN-UMB-ESS	Cisco Umbrella for DNA Essentials	2
DNAC-ONPREM-PF	Cisco DNA Center On Prem Deployment Option for WAN	2
CON-SSSNT-C8200TL1	SOLN SUPP 8X5XNBD Cisco Catalyst 8200L with 1-NIM slot and	2
C8200L-1N-4T	Cisco Catalyst 8200L with 1-NIM slot and 4x1G WAN ports	2
MEM-C8200-4GB	Cisco Catalyst 8200 Edge 4GB memory	2
CAB-ACE	AC Power Cord (Europe), C13, CEE 7, 1.5M	2
C-RFID-1R	Cisco Catalyst 8000 Edge RFID - 1RU	2
C8000-HSEC	U.S. Export Restriction Compliance license for C8000 series	2
C8200-RM-19-1R	Cisco Catalyst 8200 Rack mount kit - 19" 1R	2
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	2
C8200-NIM-BLANK	Cisco Catalyst 8200 Edge NIM Blank	2
C8200-PIM-BLANK	Cisco Catalyst 8200 Edge PIM Blank	2
C-M2-BLANK	Cisco Catalyst 8000 Edge M.2 Blank Cover	2
IOSXE-AUTO-MODE	IOS XE Autonomous boot up mode for Unified image	2
SC8KBEUK9-176	UNIVERSAL	2
DNA-P-T0-E-3Y	Cisco DNA Essentials On-Prem Lic 3Y - upto 25M (Aggr, 50M)	2
SVS-PDNA-T0-E3Y	Solution Support for SW - DNA Essentials OnPrem Lic, T0, 3Y	2
DSTACK-T0-E	Cisco DNA Essentials Stack - upto 25M (Aggr, 50M)	2
NWSTACK-T0-E	Cisco Network Essentials Stack - upto 25M (Aggr, 50M)	2
SDWAN-UMB-ESS	Cisco Umbrella for DNA Essentials	2
DNAC-ONPREM-PF	Cisco DNA Center On Prem Deployment Option for WAN	2
CON-SSSNT-C8200TL1	SOLN SUPP 8X5XNBD Cisco Catalyst 8200L with 1-NIM slot and	2
NIM-2T=	2-Port Serial WAN Interface card	2
CAB-SS-V35MT=	V.35 Cable, DTE Male to Smart Serial, 10 Feet	2
CAB-SS-V35FC=	V.35 Cable, DCE Female to Smart Serial, 10 Feet	2
C9300L-24T-4G-A	Catalyst 9300L 24p data, Network Advantage ,4x1G Uplink	2
C9300L-NW-A-24	C9300L Network Advantage, 24-port license	2
PWR-C1-BLANK	Config 1 Power Supply Blank	2
C9300L-STACK-BLANK	Catalyst 9300L Blank Stack Module	4
FAN-T2	Cisco Type 2 Fan Module	6
S9300LUK9-176	Cisco Catalyst 9300L XE 17.6 UNIVERSAL	2

PWR-C1-350WAC-P	350W AC 80+ platinum Config 1 Power Supply	2
C9300L-SPS-NONE	No Secondary Power Supply Selected	2
CAB-TA-EU	Europe AC Type A Power Cable	2
CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	2
C9300L-SSD-NONE	No SSD Card Selected	2
C9300L-DNA-A-24	C9300L Cisco DNA Advantage, 24-port Term Licenses	2
C9300L-DNA-A-24-3Y	C9300L Cisco DNA Advantage, 24-port, 3 Year Term license	2
TE-EMBEDDED-T	Cisco ThousandEyes Enterprise Agent IBN Embedded	2
TE-EMBEDDED-T-3Y	ThousandEyes - Enterprise Agents	2
D-DNAS-EXT-S-T	Cisco DNA Spaces Extend Term License for Catalyst Switches	2
D-DNAS-EXT-S-3Y	Cisco DNA Spaces Extend for Catalyst Switching - 3Year	2
PI-LFAS-T	Prime Infrastructure Lifecycle & Assurance Term - Smart Lic	2
PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	2
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	2
CON-SSSNT-C9300LA2	SOLN SUPP 8X5XNBD Catalyst 9300L 24p data, Network Advanta	2
C1000-24T-4G-L	Catalyst 1000 24port GE, 4x1G SFP	2
CAB-ACE	AC Power Cord (Europe), C13, CEE 7, 1.5M	2
PWR-CLP	Power Retainer Clip For 3560-C, 2960-L & C1000 Switches	2
CON-SSSNT-C1024TGL	SOLN SUPP 8X5XNBD Catalyst 1000 24port GE, 4x1G SFP, LANBa	2
FPR1010-ASA-K9	Cisco Firepower 1010 ASA Appliance, Desktop	2
FPR1K-DT-PWR-AC	Cisco Firepower 1K Series 115W Power Adapter for FPR-1010	2
CAB-AC-C5-EUR	AC Power Cord, Type C5, Europe	2
SF-F1KASA9.16.2-K9	Cisco ASA 9.16.2 Software for Firepower 1000 appliances	2
FPR1K-ENC-K9	Cisco Firepower 1000 Strong Encryption (3DES/AES)	2
FPR1K-DT-ACY-KIT	Cisco Firepower 1K Series Accessory Kit for FPR-1010	2
FPR1000-ASA	Cisco Firepower 1000 Standard ASA License	2
CON-SSSNT-FPR1010A	SOLN SUPP 8X5XNBD Cisco Firepower 1010	2

## 2 Infrastructure 48 port Switch with 3 year license/support

<b>Detailization of components per one unit</b>		
<b>Reference Model: Catalyst 9200 48-port</b>		
Component	Description	QTY
C9200-48PL-E	Catalyst 9200 48-port Partial PoE+, Network Essentials	1
CON-SSSNT-C92004LE	SOLN SUPP 8X5XNBD Catalyst 9200 48-port Partial PoE+, Netw	1
C9200-NW-E-48	C9200 Network Essentials, 48-port license	1
C9200-NM-4X	Catalyst 9200 4 x 10G Network Module	1
PWR-C6-600WAC/2	600W AC Config 6 Power Supply - Secondary Power Supply	1
CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	2
C9200-DNA-E-48	C9200 Cisco DNA Essentials, 48-Port Term Licenses	1
C9200-DNA-E-48-3Y	C9200 Cisco DNA Essentials, 48-port - 3 Year Term License	1
CON-SSTCM-C92E48	SOLN SUPP SW SUBC9200 Cisco DNA Esse	1
C9200-STACK-KIT	Cisco Catalyst 9200 Stack Module	1
STACK-T4-50CM	50CM Type 4 Stacking Cable	1
C9200-STACK	Catalyst 9200 Stack Module	2
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1

## 3 Stackable enterprise Switch with 3 year license/support

<b>Detailization of components per one unit</b>		
<b>Reference Model: Catalyst 9300X</b>		
Component	Description	QTY

C9300X-12Y-A	Catalyst 9300X 12x25G Fiber Ports, modular uplink Switch	1
CON-SSSNT-C9300X21	SOLN SUPP 8X5XNBD Catalyst 9300X 12x25G Fiber Ports, modul	1
SC9300UK9-179	Cisco Catalyst 9300 XE 17.9 UNIVERSAL UNIVERSAL	1
PWR-C1-715WAC-P	715W AC 80+ platinum Config 1 Power Supply	1
PWR-C1-715WAC-P/2	715W AC 80+ platinum Config 1 SecondaryPower Supply	1
CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	2
C9300X-NW-A-12	C9300 Network Advantage, 12-port license	1
STACK-T1-50CM	50CM Type 1 Stacking Cable	1
CAB-SPWR-150CM	Catalyst Stack Power Cable 150 CM - Upgrade	1
SSD-240G	Cisco pluggable USB3.0 SSD storage	1
TE-C9K-SW	TE agent for IOSXE on C9K	1
C9000-HSEC	U.S. Export Restriction Compliance license for Catalyst 9000	1
C9300X-DNA-12Y-A	C9300 DNA Advantage, Term License	1
C9300-DNA-L-A-3Y	DNA Advantage 3 Year License	1
CON-SSTCM-C9300XXD	SOLN SUPP SW SUB C9300 DNA Advantage,	1
PI-LFAS-T	Prime Infrastructure Lifecycle & Assurance Term - Smart Lic	1
PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	1
TE-EMBEDDED-T	Cisco ThousandEyes Enterprise Agent IBN Embedded	1
TE-EMBEDDED-T-3Y	ThousandEyes - Enterprise Agents	1
C9300X-NM-2C	Catalyst 9300 2 x 40G/100G Network Module QSFP+/QSFP28	1
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1

#### 4 Wirelles Acces Point 6e with 3 year license/support

<b>Detalization of components per one unit</b>		
<b>Reference Model: Catalyst Wireless 9162I AP</b>		
<b>Component</b>	<b>Description</b>	<b>QTY</b>
C9136I-E	Cisco Catalyst 9136I Series, Internal Antennas,-E Regulator	1
CON-SSSNT-C9136IEX	SOLN SUPP 8X5XNBD Cisco Catalyst 9136I Series, Internal A	1
SW9136-CAPWAP-K9	Capwap software for Catalyst 9136I	1
AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	1
AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	1
CDNA-A-C9136	Wireless Cisco DNA On-Prem Advantage, 9136 Tracking	1
DNA-A-3Y-C9136	C9136I Cisco DNA On-Prem Advantage,3Y Term,Trk Lic	1
AIR-DNA-A	Wireless Cisco DNA On-Prem Advantage, Term Lic	1
AIR-DNA-A-3Y	Wireless Cisco DNA On-Prem Advantage, 3Y Term Lic	1
CON-SSTCM-AIRDNAA	SOLN SUPP SW SUBAironet CISCO DNA Ad	1
PI-LFAS-AP-T	Prime AP Term Licenses	1
PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	1
AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic	1
AIR-DNA-A-T-3Y	Wireless Cisco DNA On-Prem Advantage, 3Y Term, Tracker Lic	1
AIR-DNA-NWSTACK-A	Wireless DNA Perpetual Network Stack - Advantage	1
SPACES-EXT-T	Cisco Spaces Extend Term License for Cisco DNA Advantage	1
SPACES-EXT-3Y	Cisco Spaces Extend for Cisco DNA Advantage	1
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1
C9136I-SINGLE	SINGLE PACK OPTION	1
C9136I-OVER	C9136I OVER OPTION	1

#### 5 Wirelles Cloud Controller with 3 year license/support

<b>Detalization of components per one unit</b>		
<b>Reference Model: Cisco Catalyst 9800-CL</b>		
<b>Component</b>	<b>Description</b>	<b>QTY</b>
C9800-CL-K9	Cisco Catalyst 9800-CL Wireless Controller for Cloud	1
CON-ECMUS-C9800CLC	SOLN SUPP SWSS Cisco Catalyst 9800-CL Wireless Controll	1
LIC-C9800-DTLS-K9	Cisco Catalyst 9800 Series Wireless Controller DTLS License	1

SC9800CLOVAK9-173	Cisco Catalyst 9800-CL Wireless Controller - VMware	1
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## 6 Data Center Virtual Appliance License

<u>Detalization of components per one unit</u>		
Reference Model: Cisco DNA Center Virtual Appliance		
Component	Description	QTY
DN-SW-APL	Cisco DNA Center Virtual Appliance	1
CON-ECMUS-DN5SWQA3	SOLN SUPP SWSS Cisco DNA Center Virtual Appliance	1
DNA-SW-OVA	Cisco DNA Center SW - OVA	1
DN-SW-APL-LIC	Cisco DNAC Virtual Appliance License	1

## 7 User Service Engine Advantage Subscription

<u>Detalization of components per one unit</u>		
Reference Model: Cisco Identity Service Engine Subscription		
Component	Description	QTY
ISE-SEC-SUB	Cisco Identity Service Engine Subscription	1
ISE-A-LIC	Cisco Identity Service Engine Advantage Subscription	1
SVS-ISE-SUP-B	Basic Support for Identity Service Engine Subscription	1

## 8 Device Admin Node License

<u>Detalization of components per one unit</u>		
Reference Model: Cisco Identity Service Engine Subscription		
Component	Description	QTY
L-ISE-TACACS-ND=	Cisco ISE Device Admin Node License	1

## 9 Identity Services Engine Virtual Machine with 1 year license/support

<u>Detalization of components per one unit</u>		
Reference Model: Cisco ISE Virtual Machine Common PID		
Component	Description	QTY
R-ISE-VMC-K9=	Cisco ISE Virtual Machine Common PID	1
CON-ECMUS-RISE9KVM	SOLN SUPP SWSS Cisco ISE Virtual Machine Common PID	1

## 10 Infrastructure Network Router with 3 year license/support

<u>Detalization of components per one unit</u>		
Reference Model: Cisco Catalyst 8500		
Component	Description	QTY
C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	1
CON-SSSNC-C8500L8X	SOLN SUPP NCD Cisco Catalyst 8500 Series 12-port SFP+,	1
C-RFID-1R	Cisco Catalyst 8000 Edge RFID - 1RU	1
MEM-C8500L-32GB	Cisco C8500L 32GB DRAM	1
M2USB-32G	Cisco Catalyst 8000 Edge M.2 USB 32GB	1
C8500L-RM-19-1R	Cisco Catalyst 8500L Rack mount kit - 19" 1R	1
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1
C8000-HSEC	U.S. Export Restriction Compliance license for C8000 series	1
SC8KAESUK9-176	UNIVERSAL	1
IOSXE-AUTO-MODE	IOS XE Autonomous boot up mode for Unified image	1
PWR-CH1-400WAC	Cisco C8500L 400W AC Power Supply, Reverse Air	1
CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10A	1
DNA-P-T2-A-3Y	Cisco DNA Advantage On-Prem Lic 3Y - upto 1G (Aggr, 2G)	1
SVS-PDNA-T2-A3Y	Solution Support for SW - DNA Advantage OnPrem Lic, T2, 3Y	1

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**Infrastructure Firewall and Security Gateway with 3 year license/support****Option 1**

<b>Detailization of components per one unit</b>		
<b>Reference Model: Palo Alto Networks PA-1420</b>		
<b>Component</b>	<b>Description</b>	<b>QTY</b>
PAN-PA-1420	Palo Alto Networks PA-1420 - Secure medium enterprises and small enterprise branch offices with next-generation firewall security using the PA-1420 with 450W spare power supply	1
PAN-PA-1420-WF-3YR	PA-1420, Core Security Subscription Bundle (Advanced Threat Prevention, Advanced URL Filtering, Advanced Wildfire, DNS Security and SD-WAN ), 3 years (36 months) term	1
PAN-PA-1420	PA-1420, GlobalProtect subscription & Partner enabled premium support, 3 years (36 months), term	1

**Option 2**

<b>Detailization of components per one unit</b>		
<b>Reference Model: Cisco Secure Firewall 3110</b>		
<b>Component</b>	<b>Description</b>	<b>QTY</b>
FPR3100-FTD-HA-BUN	Cisco Secure Firewall 3K Threat Defense Chss, Subs HA Bundle	1
FPR3110-NGFW-K9	Cisco Secure Firewall 3110 NGFW Appliance, 1U	1
CON-SSSNT-FPR3110N	SOLN SUPP 8X5XNBD Cisco Secure Firewall 3110 NGFW Applianc	1
FPR3110-P	Cisco Defense Orchestrator for Firepower 3110	1
L-FPR3110-P-3Y	Cisco Defense Orchestrator for Firepower 3110 3YR Subs	1
FPR3K-PWR-AC-400	Cisco Secure Firewall 3K Series 400W AC Power Supply	1
FPR3K-PWR-AC-400	Cisco Secure Firewall 3K Series 400W AC Power Supply	1
CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	2
SF-F3K-TD7.1.0-K9	Cisco Secure Firewall TD 7.1.0 SW for 3100 series appliances	1
FPR3K-SSD900	Cisco Secure Firewall 3K Series 900GB	1
FPR3K-SLIDE-RAILS	Cisco Secure Firewall 3100 Slide Rail Kit	1
FPR3110-BSE	Cisco Secure Firewall 3110 Base Lic	1
FPR3K-FAN	Cisco Secure Firewall 3K Series Fan Tray	2
FPR3K-SSD-BLANK	Cisco Secure Firewall 3100 Series SSD Blank Slot Cover	1
FPR3K-NM-BLANK	Cisco Secure Firewall 3100 Network Module Blank Slot Cover	1
L-FPR3110T-TMC=	Cisco Secure Firewall 3110 TD, AMP & URL Filtering License	1
L-FPR3110T-TMC-3Y	Cisco Secure Firewall 3110 TD, AMP & URL Filtering 3Y Subs	1