

CSPC Collection Platform Software Installation and Configuration Guide

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Introduction

Introduction to CSPC Collection Platform Software

The Cisco Common Service Platform Collector (CSPC) is an SNMP-based tool that discovers and collects information from the Cisco devices installed on your network. The CSPC software provides an extensive collection mechanism to gather various aspects of customer device data. Information gathered by the collector is used by several Cisco Service offers, such as Smart Net Total Care, Partner Support Service, and Business Critical Services. The data is used to provide inventory reports, product alerts, configuration best practices, technical service coverage, lifecycle information, and many other detailed reports and analytics for both the hardware and operating system (OS) software.

This guide explains how to use install and configure CSPC Server. Refer to CSPC User Guide to use the application.

For program updates and important notes, refer to CSPC Release Notes and README documentation.

Who Should Use This Guide

This guide is written for Network and Security Administrators and Cisco Network Engineers and also for new users.

The user should have Administrative privileges on the machine to install CSPC.

Ordering Process

To order a M5 hardware you need to do the following:

- Step 1 Navigate to Cisco Commerce Website CCW and to learn how to using CCW navigate to Cisco_Commerce_User_Guide.pdf
- Step 2 Enter the chassis part number UCSC-C220-M5SX to search as shown below and select the exact part number from the list and then click Add

ROFR NAME SNTC-Tes	t-Order-1				Cha	Distantial	
PURCHASE ORDER # * Created in Procurement System	WEB ORDER ID 85439248	STATUS UNSUBMITTED	SMART ACCOUNT Assign Smart Account		Gio	ai Price List	in US Dollars (USL
Items Discou	nts Shipping and Insta	all Billing Rev	view and Submit	Check Local Valid	lations	ve Sav	e and Continue
ucon one used				No. 100 August			12 12 12 12
UCSC-C220-M55X			1 Add	Find	I Products and	Solutions	More Actions
Part Number	Description	Product F	amily	List Price	I Products and	Solutions	More Actions
Part Number UCSC-C220-M5SX	Description UCS C220 M5 SFF 10 HD w/o , PSU	Product F CPU, mem, HD, PCIe UCS C220	amily M5 Rack Server	List Price 4139.0	By Sho	Solutions w All Items	More Actions
Part Number UCSC-C220-M5SX UCSC-C220-M5SX=	Description UCS C220 M5 SFF 10 HD w/o . PSU UCS C220 M5 SFF 10 HD w/o . PSU	Product F CPU, mem, HD, PCIeUCS C220 CPU, mem, HD, PCIeUCS C220	1 Add amily M5 Rack Server M5 Rack Server	Find List Price 4139.0 4139.0	By Sho st Price (USD)	w All Items Qty	More Actions * Ext. List Pric (USI
Part Number UCSC-C220-M5SX UCSC-C220-M5SX= UCSC-C220-M5SX-RF	Description UCS C220 M5 SFF 10 HD w/o , PSU UCS C220 M5 SFF 10 HD w/o , PSU UCS C220 M5 SFF 10 HD w/o , PSU UCS C220M5SFF 10HDw/oCPU REMANUFACTURED	Product F CPU, mem, HD, PCIeUCS C220 CPU, mem, HD, PCIeUCS C220 U,mem, HD, PCIe, PSU UCS C220	1 Add amily M5 Rack Server M5 Rack Server M5 Rack Server	List Price 4139.0 4139.0 2528.65	By Sho	w All Items Qty	Ext. List Pric

Step 3 Click Select Options link at the bottom of the page to select all the hardware components for the selected UCSC-C220M5SX chassis

Options									
			Favor	ites	[+ Export	Op 🕞 Print 🛛 🜌 En	en a Case T nail < Shar	raining Supp	ort & FA
der-1 🧪							Global Pri	ce List in US Dol	lars (USD
WEB ORDER ID 85439248	STATUS UNSUBMITTED	SI	MART ACCOU Isign Smart A	NT ccount					
Shipping and Install	Billing	Review and	Submit						
^					Check L	ocal Validations	Save	Save and C	ontinue
sefully to your order					-				
salary to your order.									
id Product Family			Qty	Add		Find Produ	icts and Solut	tions More A	ctions 🗸
te Edit Services More	0					Filter B	v Show All	Items	
are and Services		P.O. Line R	eference	6	Estimated Lead Time (Unit Li Price (US	st Qty D)	/ Ext. I	.ist Price (USD
ISSX SFF 10 HD w/o CPU, mem, HD :), PCIe, PSU				14 days	4,139.(00 1	- '	4,139.00
id as of 08-Jul-2019 10:21 PDT elect Service Validate Add No	ote More Actions	~							
					Showing 1 -	1 of 1 Line Items	Previou	is 1 🔻	Next
	Ier-1 WEB ORDER ID 85439248 Shipping and Install Shipping and Install Shipping and Install Stillity to your order. If Product Family Ite Edit Services More are and Services ISSX SFF 10 HD w/o CPU, mem, HE st as of 08-Jul-2019 10-21 PDT Hect Service Validate Add N	In the services More v are and Services ISSX as of 08-Jul-2019 10.21 PDT set Service Validate Add Note More Actions	Jer-1 WEB ORDER ID 85439248 STATUS UNSUBMITTED SA Shipping and Install Billing Review and safully to your order. Shipping and Install Billing asfully to your order. Status Shipping and Install Billing asfully to your order. Status Shipping and Install Billing Review and asfully to your order. Status Status Status Status d Product Family Status Status P.O. Line R status Status P.O. Line R StSX SFF 10 HD wio CPU, mem, HD, PCle, PSU Status status of 08-Jul-2019 10:21 PDT Status of 08-Jul-2019 10:21 PDT status Service Validate Add Note More Actions	Favor Ser-1 WEB ORDER ID 85439248 UNSUBMITTED Assign Smart A Shipping and Install Billing Review and Submit safully to your order. d d Product Family Qy are and Services More ~ are and Services P.O. Line Reference ISSX SFF 10 HD wio CPU, mem, HD, PCle, PSU set of 08-Jul-2019 10-21 PDT Hect Service Validate Add Note More Actions ~			Operatories Favorites Favorites Image: Status Status Status Shipping and Install Billing Review and Submit Check Local Validations ssfully to your order. Image: Shipping and Install Billing Review and Submit Check Local Validations ssfully to your order. Image: Shipping and Install Billing Review and Submit Check Local Validations ssfully to your order. Image: Shipping and Install Billing Review and Submit Check Local Validations ssfully to your order. Image: Shipping and Install Billing Review and Submit Image: Shipping and Install <tr< td=""><td>Open a Case T Favorites Export Favorites Export Star Global Pri WEB ORDER ID 85439248 STATUS UNSUBMITTED SMART ACCOUNT Assign Smart Account Shipping and Install Billing Review and Submit Check Local Validations Save ssfully to your order. Save d Product Family Oy Add Find Products and Solut Save ssfully to your order. Filter By d Product Family Oy Add et and Services More > Filter By StSX SFF 10 HD wio CPU, mem, HD, PCle, PSU 14 days 4,139.00 1 set as of 08-Jul-2019 10:21 PDT Hore Actions > Stowing 1-1 of 1 Line Items (Previous)</td><td>Open a Case Training Super Favorites E Export Print Email Share Delete Ser-1 Global Price List in US Dol WEB ORDER ID STATUS SMART ACCOUNT Stage248 UNSUBMITTED Assign Smart Account Shipping and Install Billing Review and Submit Check Local Validations Save Save Stage248 UNSUBMITTED Shipping and Install Billing Review and Submit Save and Case Shipping and Install Billing Review and Submit Save Save Save Startus Ory Add Find Products and Solutions More A are and Services P.O. Line Reference Startus Price (USD) 14 days 4,139.00 Stowing 1-1 of 1 Line Items (Previous 1)</td></tr<>	Open a Case T Favorites Export Favorites Export Star Global Pri WEB ORDER ID 85439248 STATUS UNSUBMITTED SMART ACCOUNT Assign Smart Account Shipping and Install Billing Review and Submit Check Local Validations Save ssfully to your order. Save d Product Family Oy Add Find Products and Solut Save ssfully to your order. Filter By d Product Family Oy Add et and Services More > Filter By StSX SFF 10 HD wio CPU, mem, HD, PCle, PSU 14 days 4,139.00 1 set as of 08-Jul-2019 10:21 PDT Hore Actions > Stowing 1-1 of 1 Line Items (Previous)	Open a Case Training Super Favorites E Export Print Email Share Delete Ser-1 Global Price List in US Dol WEB ORDER ID STATUS SMART ACCOUNT Stage248 UNSUBMITTED Assign Smart Account Shipping and Install Billing Review and Submit Check Local Validations Save Save Stage248 UNSUBMITTED Shipping and Install Billing Review and Submit Save and Case Shipping and Install Billing Review and Submit Save Save Save Startus Ory Add Find Products and Solutions More A are and Services P.O. Line Reference Startus Price (USD) 14 days 4,139.00 Stowing 1-1 of 1 Line Items (Previous 1)

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Step 4 After the **Select Options** link is selected, the following screen will be displayed. On LNP, select the **Country** where this M5 hardware will be installed. Although this is optional, it is recommended to select the correct country so that proper cabling that apply to the selected country will be applied

Figure 1-3 Country Open a Case Training CCW Support Community Cisco Feature Navigator OPTION SELECTION UCSC-C220-M5SX Global Price List (USD) 🔶 Warnings (8): Configuration Summary View Full Summary . The quantity of Power Cables must be equal to the quantity of Power Supply selected. Please adjust the quantity. (CE200 Country Specification () UCSC-C220-M5SX requires a minimum of 1 and allows maximum of 2 from Processor. (CE100015) Ŧ UNITED STATES Extended List Price (USD) Category O Qty Option Search () Multiple Options Search () ~ PROCESSOR ~ Power Consumption Processor 🥠 UCSC-C220-M5SX > Processor Key V MEMORY ^ **Cisco Recommended Processor** 8000 Series Processor 6000 Series Processor 5000 Series Processor 4000 Series Proce Memory 🔶 **DC Persistent Memory Operatio** Estimated Lead Time O SKU Qty Unit List Price (USD) Art ed Memory Settings UCS-CPU-18276 Qty 26 days 28,250.00 RAID ~ el 8276 2.2GHz/1 5W 28C/38:50MB DCP DDR4 2933 MH RAID Controller UCS-CPU-18260 Qty 26 days 16,150.00 LOCAL STORAGE ~ ntel 8260 2.4GHz/165W 24C/35 75MB DCP DDR4 2933 MHz Subtotal 4.139.00 UCS-CPU-I6262V 10,360.00 Qty Estimated Lead Time 14 days 61 days Intel 6262V 1.9GHz/135W 24C/ 33MB DCP DDR4 2400 MHz Reset Configuration Cancel Done UCS-CPU-16248 Qtv 26 days 10.500.00 Intel 6248 2.5GHz/150W 20C/27.5MB DCP DDR4 2933 MHz UCS-CPU-16238 Qty 61 days 8,950.00 Intel 6238 2.1GHz/140W 22C/30.25MB DCP DDR4 2933 MHz UCS-CPU-16230 Qty 6,500.00 26 days /27.50MB DCP DDR4 2933 MHz 230 2.1GHz12 UCS-CPU-15220 Qty 26 days 5,460.00 el 5220 2 2GHz/125W 18C/24 75MB DCP DDR4 2666 MHz UCS-CPU-I5218 Qty 26 days 4.725.00 ntel 5218 2.3GHz/125W 16C/22MB DCP DDR4 2666MHz

UCS-CPU-14216

el 4216 2.1GHz/100W 16C/22MB DDR4 2400MHz

Qty

26 days

3,780.00

Step 5 On LNP click **Processor**, then from right side select the **UCS-CPU-4110** processor from the processor list as show below

OPTION SELECTION UCSC-C220-M55X				4	Global Price List (USD)
Configuration Summary	View Full Summary	Warnings (8):	Memory Online in In		÷
Country Specification ()		(CE100015)	wennery opport in in	Contraction of a first stratistic	(#))·
UNITED STATES	*	The manific of Power Cables must be equal to the manifix of Power Supply	elected. Please ada	at the manifity (CE2000Kb	1
Category () Q	tty Extended List Price (USD)	Option Search () Multiple Options Search ()			*
PROCESSOR	^	Power Consumption			
Processor					
UCS-CPU-4110 1	1,750.00	UCSC-C220-M5SX > Processor			Key V
MEMORY	^	Cisco Recommended Processor 8000 Series Processor 6000 Series Processor	5000 Series Pro	essor 4000 Series Pro	cessor
Memory 🥎		autor Series Processor	-		11.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
DC Persistent Memory Operational M	ode	SKU	Qty	Time ()	(USD)
Advanced Memory Settings		O UCS-CPU-14216	Qty	26 days	3,780.00
RAID	^	Intel 4216 2.1GHz/100W 16C/22MB DDR4 2400MHz			
RAID Controller		O UCS-CPU-14215	Qty	26 days	2,900.00
Subtotal	5,889.00	Intel 4215 2.5GHz/85W 8C/13.75M8 DCP/DDR4 2400MHz			
Estimated Lead Time	14 days	UCS-CPU-I4214Y	Qty	26 days	2,870.00
Reset Configuration	Cancel Done	Intel 4214Y SS 2.2GHz/85W 12/10/8C 16.75MB DDR4 2400MHz			
Real Conguration		UC5-CPU-4214 ET	Qty	26 days	2,600.00
			Otv	26 days	1 760 00
		Intel 4210 2.2GHz/85W 10C/13.75MB DDR4 2400MHz	usy	20 days	1,750.00
		O UCS-CPU-14208	Qty	26 days	1,530.00
		Intel 4208 2.1GHz/85W 8C/11MB DDR4 2400MHz			
		O UCS-CPU-4116	Qty	14 days	3,600.00
		2.1 GHz 4116/85W 12C/18.50MB Cacher0DR4 2400MHz			
		UC5-CPU-4114 2.2 GHz 4114/85W 10C/13.75MB Cache/DDR4 2400MHz	Qty	14 days	2,600.00
		O UCS-CPU-4112	Qty	14 days	1,675.00
		2.6 GHz 4112/85W 4C/8.25MB Cache/DDR4 2400MHz			

Figure 1-4 Processor

ON LNP click the Memory, then from the right side select the UCS-MR-X16G1RS-H from the memory Step 6 list as shown below

								and the second
OPTION SELECTION UCSC-C220-M55	x						c	ilobal Price List (USD)
Configuration Summary	View Full Sur	mary	🔶 Warnings (7):	3				Ģ
Country Specification			- The quantity	y of Pow	er Cables must be equal to the quantity of Powe	Supply selected. Please adju	at the quantity. (CE200050	na ang ang ang ang ang ang ang ang ang a
Select Country (Not Required)		٠	Prease see Aucsustania	best red s-rack-s	emmended United configuration: https://www.da ervers/memory-suide-r220-r240-b200-m5 off (f	E658584	vcollaterayservers-unified-c	ompusing
Category 🔘	Qty Extende Price	d List (USD)	Option Search	0	Multiple Options Search			~
MEMORY		^1	Power Consul	mption				
Memory								No. 1
UCS-MR-X16G1RS-H	1 1,0	09.00	UCSC-C220-M5SX	> Memo	жу			Key
DC Persistent Memory Operational I	Mode		Memory					
Advanced Memory Settings			SKU			Qty	Estimated Lead	Unit List Price
RAID		^				24		(000)
RAID Controller			UCS-ML-1	28G4RT	-H 4454	Qty	26 days	14,500.00
LOCAL STORAGE		^						
SAS/SATA HDD			UCS-ML-X	64G4RT	HT I ROMAN RAN 24	Qty	26 days	4,495.00
						1		
Subtotal	5,6	198.00	UCS-MR-X	64G2R1		City	26 days	4,086.00
Estimated Lead Time		days						
Reset Configuration	Cancel	lone	UCS-MR-X	32G2R1	T-H ESS	Qty	26 days	2,043.00
			200 0014	-2003-00				
			UCS-MR-X	16G1R1	T-H PLH	Qty	26 days	1,009.00
			16GB DDR4	1-2933-M	Hz RDIMM/TRH4/1.2V			
			UCS-MP-5	12GS-A	0 20.00	Qty	42 days	40,000.00
			Intel Optane	DC Pers	sistent Memory, 512GB, 2666MHz			
			UCS-MP-2	56GS-A	0 PLH	Qty	42 days	13,000.00
			Intel Optane	DC Pers	sistent Memory, 256GB, 2666MHz			
			UCS-MP-1	28GS-A	0 200	Qty	42 days	3,900.00
			Intel Optane	DC Pers	sistent Memory, 128GB, 2666MHz			
			UCS-MR-1	28G8R.9	S-H EVERAL	Qty	14 days	16,000.00
			128GB DDF	4-2666-1	MHz TSV-RDIMM/PC4-21300/octal rank/x4/1.2v			
			UCS-MR-X	64G4R8	S-H WP	Qty	14 days	5,020.00
			64GB DDR4	1-2666-M	Hz TSV-RDIMM/PC4-21300/guad rank/x4/1.2v			
					and the second se	Contra D		

Figure 1-5 Memory

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Step 7 On LNP click the SAS/SATA HDD, then from the right side select the UCS-HD1T7K6GAN from the SATA HDD list shown below

					Open a Case Training 0	CW Support Community Ca	sco Feature Navigator
OPTION SELECTION UCSC-C220-M553	x					(Global Price List (USD)
Configuration Summary	View Fo	ill Summary	 Warnings (7): The quantity of P Please see best 	Power Cables must be equal to the quantity or recommended DIMMs configuration: https://	/ Power Supply selected, Please a www.cisco.com/c/dam/en/us/produ	gust the quantity. (CE200050 ts/collateral/servers-unified-c) computing
Select Country (Not Required)			turs-r-series-rar	k-servers/memory-quide-c220-c240-b200-m	5 ndf (CE658584)		
Category 0	Qty Ex	rice (USD)	Option Search O	Multiple Options Search			*
LOCAL STORAGE		^	Power Consumption	ion			
SAS/SATA HDD			UCSC 0220 MESY > 54				Key M
UCS-HD1T7K6GAN	1	936.00	SAS/SATA HDD	acanin nuu			Ney -
SAS/SATA SSD EV			SKU		Qty	Estimated Lead Time ()	Unit List Price (USD)
Self-Encrypting HDD/SSD (SED) PCIe / NVMe 2.5			UCS-HD300G11 300GB 12G SAS	15K RPM SEF HDD	Qty	14 days	1,235.00
PCIe MLOM Option		^	UCS-HD600G11 600GB 12G SAS	SK 12N EVENNE 1SK RPM SFF HDD	Qty	56 days	2,117.00
Subtotal Estimated Lead Time		7,834.00 14 days	UCS-HD300G11 300GB 12G SAS	10K RPM SFF HDD	Oty	14 days	650.00
Reset Configuration	Cancel	Done	UCS-HD600G11 600G8 12G SAS	10K RPM SFF HDD	Qty	14 days	1,022.00
			UC5-HD12TB10 1.2 TB 120 5AS	OK12N EVERAL	Qty	14 days	1,533.00
			UCS-HD18TB10 1.8TB 12G SAS 1	OK4KN EVERAL	Qty	14 days	1,918.00
			UCS-HD1177K1: 1 TB 12G SAS 7	2K RPM SFF HDD	Qty	21 days	1,161.00
			UCS-HD2T7K1: 2 TB 12G SAS 7.	2N EVENING 2K RPM SFF HDD	Qty	14 days	2,379.00
			UCS-HD1T7K6	GAN EVERAL 2K RPM SFF HDD	(1)	14 days	936.00
			UCS-HD900G11 900GB 12G SAS	SK12N SFF HOD	Qty	28 days	2,342.00

Figure 1-6 SAS/SATA HDD

I

Step 8 On LNP click UCS C-Series CIMC Version, then from the right side select the CIMC-Latest from the CIMC version list as shown below

OPTION SELECTION UCSC-C2	20-M5SX						Biobal Price List (USD)
Configuration Summary View Full Summary Country Specification () Select Country (Not Required)			 Warnings (6): The quantity of P Please see bost in home-series racio 	Power Cables must be equal to the quantity of Po recommended DIMMs configuration: https://www k.servers/memory-midte-220-240-h200-m5 nd	wer Supply selected. Piease adja .cisco.com/c/dam/en/us/products f (CE558504)	ist the quantity. (CE200050 /collateral/servers-unified-c) omputing
Category ()	Qty	Extended List Price (USD)	Option Search O	Multiple Options Search			~
CIMC SOFTWARE		^	Power Consumpti	ion			
UCS C-Series CIMC Version							
CIMC-LATEST	1	0.00	UCSC-C220-M55X > UCS C-Series CIMC Version				Key v
POWER		~	UCS C-Series CIMC Vers	sion			
Power Supply 🥎			SKU		Qty	Estimated Lead Time ()	Unit List Price (USD)
Power Cables		1	CIMC-LATEST		1	14 days	0.00
CAB-9K12A-NA	1	0.00	IMC SW (Recomm	mended) tatest release for C-Series Servers.		65	
SECURITY OPTIONS		^	-				
Security Options			Clear Selection Show I	incompatible SKUs			
Subtotal		7,834.00					
Estimated Land Time		14 days					

Figure 1-7 UCS C-Series CIMC

- Step 9 On LNP click Power Supply, then from the right side select UCSC-PSU1-1050W as shown below
- Figure 1-8 **Power Supply** Open a Case Train ng CCW Support Com ity Cisco Feature Na OPTION SELECTION UCSC-C220-M5SX Global Price List (USD) Warnings (5): **Configuration Summary** View Full Summary Use Power ((CE200696) Country Specification Select Country (Not Required) . Extended List Category () Qty Option Search () Multiple Options Search Price (USD) POWER ~ Power Consumption Power Supply UCSC-C220-M5SX > Power Supply Key v 729.00 UCSC-PSU1-1050W 1 Power Supply Power Cables CAB-9K12A-NA 0.00 SKU Qty Estimated Lead Unit List Price 1 Time () (USD) SECURITY OPTIONS UCSC-PSU1-770W Qty 14 days 699.00 ity Optic Cisco UCS 770W AC Power Supply for Rack Serve RAIL KIT ~ UCSC-PSU1-1050W 1 14 days . 729.00 Rail Kit Accessories Cisco UCS 1050W AC Power Supply for Rack Serve 8,563.00 UCSC-PSUV2-1050DC Subtotal Qty 14 days 1,279.00 14 days Cisco UCS 1050W -48V DC Power Supply for Rack Server Mon Estimated Lead Time UCSC-PSU1-1600W Qty 14 days 929.00 Cancel Done Reset Configuration Cisco UCS 1600W AC Power Supply for Rack Server Clear Selection | Show Incompatible SKUs Contacts [-] Feedback | Help | Site Map | Terms & Conditions | Privacy Statement | Cookie Policy | Trademarks Note Once the power supply type is selected, the system automatically adds the correct power cable and in this example the product part number for the corresponding cable is CAB-9K12A-NA.

Open a Case Training CCW Support Community Cisco Feature Navigator

Step 10 On LNP click the **Rail Kit Accessories**, then from the right side select UCSC-RAILB-M4 from the Rail Kit Accessories list as shown below

Figure 1-9 Rail Kit Accessories

Configuration Summary		View Full Summary	 Warnings (4): Use Power Cal 	loutator to determine the correct power supply. The Po	wer Calculator can be found	at http://ucspowercalc.cisco	com.
Country Specification ()			(CE200696)				
Select Country (Not Required)			· Please see her	st recommended DIMMs confinuation: https://www.cli	ion com/c/dam/en/us/ornduc	s/collateral/servers-unified-c	omoutina
Category O	Qty	Extended List Price (USD)	Option Search 0	Multiple Options Search			~
RAIL KIT		^	Power Consump	ption			
Rail Kit Accessories							
UCSC-RAILB-M4	1	220.00	UCSC-C220-M5SX > F	Rail Kit Accessories			Key
BIOS SETTINGS		^	Rail Kit Accessories				
Server Boot Mode			SKU		Qty	Estimated Lead Time ()	Unit List Price (USD)
Management Configuration BIOS Configuration		1	UCSC-RAILF- Friction Rail Kit	M4 EVID	1	14 days	175.00
CISCO SOFTWARE		^	UCSC-RAILB Ball Bearing Ra	-M4 W/P+++	1	14 days	220.00
Subtotal Estimated Lead Time		8,783.00 14 days	UCSC-CMAF- Reversible CM/	-M4 EVIDEEEE	1	14 days	85.00
Reset Configuration		Done Done	UCSC-RAIL-N	NONE	1	14 days	0.00

Step 11 On LNP click Infrastructure Options, then from the right side select UCS-SID-INFR-OI from the Infrastructure Options list as shown below

Figure 1-10 Infrastructure Options

OPTION SELECTION UCSC-C22	0-M5SX							Slobal Price List (USD)
Configuration Summary Country Specification () Select Country (Not Required)		View Full Summary	Warnings (3): Use Power Calculator to determine the correct power supply. The Power Calculator can be found at http://ucspowercalc.cisco.com. (CE200606) Pieces see test recommended DMMs conferentiation bits (Www.cisco.com/cit/smetu/storotiuts/conferences/unifed-computing)					
Category 0	Qty	Extended List Price (USD)	Option Sea	irch O	Multiple Options Search			*
Microsoft Red Hat VMWARE			Power C UCSC-C220-M Infrastructure	onsumpt SSX > Int Options	tion frastructure Options			Key
SLES SAP Option			SKU			Qty	Estimated Lead Time ()	Unit List Price (USD)
SOLUTION TRACKING		^	O UCS-	SID-INFR-	-BD alytics: Platform (Hadoop/IoT/ITOA/AUML)	1	14 days	0.00
UCS-SID-INFR-OI Workload Options	1	0.00	UCS-	SID-INFR-	-AIML nice/ Machine Learning	1	14 days	0.00
Subtotal Estimated Lead Time		8,783.00 14 days	O UCS-	SID-INFR-	-CFS IStack	1	14 days	0.00
Reset Configuration		Cancel Done	O UCS-	SID-INFR-	-CFP	1	14 days	0.00
			O UCS-	SID-INFR-	-CVS AStack	1	14 days	0.00
			O UCS-	SID-INFR-	CVB k/VxBlock	1	14 days	0.00
			O UCS-	SID-INFR-	Platform	1	14 days	0.00
			O UCS-	SID-INFR-	SOSP	1	14 days	0.00

Γ

Step 12 On LNP click Workload Options, then from the right side select UCS-SID-WKL-OW from the Workload Options list as shown below

OPTION SELECTION UCSC-C220	-M5SX					(Jobal Price List (USD)
Configuration Summary		View Full Summary	 Warnings (2): Use Power Call (CE200696) 	sulator to determine the correct power supply. The Pr	ower Calculator can be found a	f http://ucspowercalc.cisco	.com.
Select Country (Not Required)		*	Pinase see hes	t recommended DUMAs configuration: bittes //www.cl	son com/cidam/en/us/omducts	icollateral/servers-unified-c	nmoutina
Category ()	Qty	Extended List Price (USD)	Option Search O	Multiple Options Search			~
Red Hat VMWARE SUSE	I Hat WARE SE IS SAP Option UTION TRACKING			tion Iorkload Options			Key
SLES SAP Option SOLUTION TRACKING		^	SKU		Qty	Estimated Lead Time ()	Unit List Price (USD)
UCS-SID-INFR-OI	ĩ	0.00	UCS-SID-WKL Al/ ML/ DL (Aco	-AIML elerated Compute with GPU) More	1	14 days	0.00
Workload Options UCS-SID-WKL-OW	1	0.00	UCS-SID-WKL Big Data and An	-BD atysics (Hadcop/IoT//TOA)	1	14 days	0.00
Subtotal Estimated Lead Time		8,783.00 14 days	Containers/Devi	-CTN Dps/PaaS	1	14 days	0.00
Reset Configuration		Cancel Done	UCS-SID-WKL Data Protection	-DP (Commut, Veeam only)	1	14 days	0.00
			UCS-SID-WKL Microsoft	-MSFT	1	14 days	0.00
			UCS-SID-WKL Oracle	ORCL	1	14 days	0.00
			UCS-SID-WKL	-SAP	1	14 days	0.00
				-VDI	1	14 days	0.00
			UCS-SID-WKL Scale Out Store	-SOS ge (Scality, SwiftStack, COS, Cloudian only)	1	14 days	0.00
			UCS-SID-WKL	-ow	1	14 days	0.00

Figure 1-11 Workload Option

Step 13 A prompt appears, click Done

one Messages	
our product configura	tion has some warnings
🔶 Warnings (3):	
 Use Power Ca (CE200696) 	loulator to determine the correct power supply. The Power Calculator can be found at http://ucspowercalc.cisco.com.
+ Diance non br	et encommonded DIMMe configuration: https://www.eicon.com/aldom/an/uc/areducte/collateral/convers.unified.commuting
oftware Subscriptio	n Issues
oftware Subscriptio	n Issues otion configuration has some warnings.

In the main screen, if you expand the + sign for the USCS-C220-M5SX chassis the entire components will be expanded, and you will see the following configurations for your M5.

Figure 1-13 M5 Configuration

ORDER NAME ENTC-Test-Order-1					Global Price List #	US Datas (USD)
PURCHASE ORDER # WEB ORDER ID BTATUS Greated in Procursment 85439248 UNSUBNITTED System	SMART ACC Assign Sma	OUNT ri Accour	n.			
Nems Discounts Shipping and install Billing	Review and Submit					
et profesences for this order 🔿			Check Loca	Validations	Save Save	and Continue 3
		1.6	d.	Find Products	and Solutions	More Actions 🗸
Remove Num Order Vididate Edit Services Num -				Filter By	Show All Terms	
S Hardware, Software and Services	P.O. Line Reference	Ъ	Estimated Lead Time O	Unit List Price (0/90)	Qty	Ext. List Price
O 10 UCSC-C229-M55X UCS C229 M55F 10 HO wto CPU, mem, HD, PCB, PBU MOM BCCR KMP1 C Mat as of 66-JJ 2019 1128 PDT End retoring Select Service Vectore Add Note Many Actions V		-	14 days	4,139.00	1	4,138.00
111 UCS-MR-X1601RS-H 1008 DDR+2406 AHt: RDMMAPC+21300/ungle sanox41.2v more Book Jamp			14 days	1,009.00	1	1,009.00
12 UCS-HO117KBGAN 1 TB 65 BATA 7.2K RPM SFF HOD MORE BCCH SARIN			14 days	936.50	1	996.00
T3 CIMC-LATEST MIC IW (Recommended) latent release for C-Series Servers, more Multiple License Keys ECCE 62459			14 days	0.00	1	0.00
UCSC-PSU1-1050W Cace UCS 1050W AC Power Supply for Rack Server more ECON EXHIBIT			14 days	729.00	3	729.00
1.5 CAH-9612A-NA Power Cont. 125VAC 13A NEMA 5-15 Ptug. North Assence more ECON Existen			7 days	0.00	1	0.00
TA UCSC-RAILB-M4 Ball Bearing Rail KK for C220 & C240 M4 & M5 rack servers more ECON EARIN			14 days	220.00	1	220.00
17 UCS-SID-INFR-O1 Other Infrastrukture mone Single License Key ECON EARIN			14 days	0.00	3	0,00
Cher Workload rose Single License Kay Edde Exrel			14 days	0.00	3	0.00
UCSC-HIS-C226MS EB Heat sink for UCS C220 MS rack servers 150W CPUs & bittow form + ECON EARses			14 days	0.00	4	0.00
1.18 UCSC-BELKD-82 EB UCS C-Servis M5 SFF drive blanking panel more ECCN EARths			14 days	0.00		0.00
C220 M5 (5-drive) SATA Interposer board more ECCN EARse			14 days	0.60	0	0.00
1.12 UCSC-PSU-MISLIX ES Power Supply Banking Pavel for MS servers more ECCN EARss			14 days	0.00	.1	0.00
1.13 UCS-CPU-4118 2.1 GHz 4110/85W 8C/11MB Cache/DDR4 2400MHz more			14 daya	1,750.00	1	1,750.00

Note

These remaining items will be automatically added based on the configuration: UCS-HS-C220M5 UCSC-BBLKD-S2 UCSC-SATAIN-220M5 UCSC-PSU-M5BLK



Installation and Configuration

CSPC Server image comes with a preloaded application that consists of server software, database, and all the necessary tools.

Important Note: Before you begin

On Installation: If 2.11 installation shows direct login prompt instead of asking for setting admin password then reboot the server once.



Post reboot, it will land on the setting admin password prompt.

OVA Installation

This section describes detailed installation procedures for different installation stages.

Prerequisites

- xxx.ova file form the download center
- CSPC static IP address, default gateway IP address and subnet mask. This is recommended only if DHCP is not enabled

Deploy CSPC OVA

This section describes the steps to deploy CSPC OVA using VMWare vSphere Client:

- Step 1 Get the xxx.ova file either to a web server or local file system where vSphere client is available
- Step 2 Launch vSphere client and login using credentials with the privilege to deploy an OVA file
- Step 3 Use vSphere client and select the ESXi host or IP address that manages CSPC virtual machine
- Step 5 There are two ways to select the OVF file to deploy:
 - Select the OVF file residing on local or a remote web server using web browser. If this option is CSPC Collection Platform Software Installation and Configuration Guide

selected, type the URL for the file xxx.ova, then click Next

• Select the OVF file residing locally using the file explorer. If this option is selected, click **Browse...**and navigate the file explorer to locate the file *xxx.ova*, then click **Next**

Γ



All the screens below are just for illustration and not actual ones.

Figure 2-1 Select creation type

1 Select creation type	Select creation type	
 Select a name and guest OS Select storage Customize settings Ready to complete 	How would you like to create a Virtual Machine?	
	Create a new virtual machine Deploy a virtual machine from an OVF or OVA file Register an existing virtual machine Select creation type	This option guides you through creating a new virtual machine. You will be able to customize processors, memory, network connections, and storage. You will need to install a guest operating system after creation.

Step 6 click Next to proceed

Γ

Figure 2-2 Select OVF and VMDK files

1 Select creation type	Select OVF and VMDK files
2 Select OVF and VMDK files	Select the OVF and VMDK files or OVA for the VM you would like to deploy
3 Select storage	Enter a name for the virtual machine.
4 License agreements	CSPC_189
5 Deployment options	Virtual machine names can contain up to 80 characters and they must be unique within each ESXi instance.
6 Additional settings	
7 Ready to complete	
	× Collector-2.11-BT-7.ova

Step 7 Click Next to proceed.

Figure 2-3 Select storage

Select creation type Select OVF and VMDK files	Select storage Select the storage type an	d datastore							
Select storage	Standard Po	ersistent Mem	ory						
License agreements Deployment options	Select a datastore for the	e virtual machine	's configuratio	in files and	all of its virtu	al dis	iks.		
Additional settings									
Ready to complete	Name	~	Capacity 🤟	Free	~ Туре	~	Thin provisio	Access	~
	datastore1		7.63 TB	2.1 TB	VMFS5	-	Supported	Single	
								11	tem

Step 8 Select VM Network And Click Next to proceed

Γ

Figure 2-4 Deployment options

⁺₽ New virtual machine - cspc-189

1 Select creation type 2 Select OVF and VMDK files	Deployment options Select deployment options			
Select storage Deployment options Ready to complete	Network mappings	VM Network VM Network	×	
	Deployment type	Small	~	
	Disk provisioning	• Thin O Thick		
	Power on automatically			

OVA Installation

Step 9 Click Finish

Figure 2-5 Ready to complete

Select creation type Select OVF and VMDK files Select storage Deployment options Ready to complete	Ready to complete Review your settings selection be	fore finishing the wizard	
	Product	CSPC_211	
	VM Name	CSPC_189	
	Datastore	datastore1	
	Provisioning type	Thin	
	Network mappings	VM Network: VM Network	
	Guest OS Name	Unknown	
	Profile		
	Do not refresh your t	rowser while this VM is being deployed.	

After Successful installation of CSPC OVA, you have to configure IP address.

Step 1 Click on the new installed CSPC OVA



You will be prompted to enter your password. First enter the password and confirm the password.

N, Note

Be sure to save this password in a secure, accessible location. The Admin password is needed to access the Admin Shell (CLI).

If 2.11 startup job(/etc/rc.d/rc.local) is running for more than 20 mins then try pressing Alt+F1 through Alt+F6 to shift to alternate virtual terminals and you may see one of them waiting for with the admin password prompt. (if so, enter password).

Once you enter your password, you will be able to configure the IP from the menu or in the command shell prompt.

No matter which method you use to configure the IP address, be sure to connect to the admin shell to initialize the collector login and root users.

Step 2 Select one of the options



Configure IPv4 address

Step 1 Select 1 to configure IPv4 address

- Select the any one option:
 - Select 1 to fetch IP address automatically

Figure 2-13 DHCP

💋 Sateesh_CSPC-27-Lg-B1 on localhost.localdomain	
Eile View VM	
Intializing Please wait	
Please select from the below options:	
1. Get IPv4 Address automatically (Use DHCP) 2. Enter IPv4 Address manually (Static IP Address)	
3. Main Menu	
Enter your choice : 1	
Configuring your CSPC annliance	
Successi	
Press (Puter) key to evit	

- Select 2 to enter the IP Address manually

I

Fi	gure 2-14 IP Address Manually
	Please select from the below options:
	 Get IPv4 Address automatically (Use DHCP) Enter IPv4 Address manually (Static IP Address) Main Menu
	Enter your choice : 2
	Enter IP Address :
	Enter Prefix(Value between 1 - 32) : 26
	Enter Default Gateway : Carter Default Gateway :
	Configuring your CSPC appliance
	tput: No value for \$TERM and no -T specified Success!
	Press Lenter J key to continue_

- Select 3 to go back to main menu



Choose option 1 to reconfigure IPv4 address, choose option 2 to reconfigure IPv6 address or choose option 3 to go to command line.

After selecting option 3, ssl certificate will be generated during installation instead of static certificates

Configure IPv6 Address

Γ

- Step 2 Select 2 to configure IPv6 address
 - Select any one option:
 - Select 1 to fetch IP address automatically



- Select 2 to enter the IP Address manually

Figure 2-16 **IP** Address Manually lease enter your choice from the below options to configure the appliance : IPv4 Configuration IPv6 Configuration Go to Command Line (Shell) Enter your choice : 2 tput: No value for \$TERM and no -T specified Please select from the below options: Get IPv6 Address automatically (Use DHCP) Enter IPv6 Address manually (Static IP Address) Main Menu Enter your choice : 2 Enter IPv6 Address : 🗧 Enter IPv6 Prefix (Netmask in CIDR formart) : 64 Enter IPv6 Default Gateway - Select 3 to go back to main menu.

Configure the IP address directly on shell



Figure 2-17	Conf ip command
admin# conf	ip *
Usage: admin# conf admin# conf admin# conf where prefi> Eg: admin# conf admin# conf	ip <type> <intf> <ipaddr> <netmask> <gateway> ip -v4 <intf> <ipaddr> <netmask> <gateway> ip -v6 <intf> <ipaddr> <netmask> <gateway> <should 1="" 128<br="" and="" be="" between="">ip -v6 eth0 192.168.155.2 255.255.0 192.168.155.1 ip -v6 eth0 2001:420:54ff:4::156:17/24 2001:420:54ff:4::156:1</should></gateway></netmask></ipaddr></intf></gateway></netmask></ipaddr></intf></gateway></netmask></ipaddr></intf></type>
admin#	
Confirm yo	ur IP address settings

show ip

Enable Default Account

To initially set or reset the password use the below command:

Step 1 Enable the Linux user login "collectorlogin"

```
# pwdreset collectorlogin 90
CSPC Collection Platform Software Installation and Configuration Guide
```

This generates a password for the username "collectorlogin."

Step 2 Enable the Linux root login

pwdreset root 90

This generates a password for the username " root".

To connect to root first connect to the collectorlogin prompt and then use the command su root

\$ su root



• Be sure to save both the collectorlogin and root passwords in a secure, accessible location!

• You are not allowed to connect directly to root, attempts to connect directly to the user root will cause a lock on that account!







 You can now connect to the server using SSH or through a browser at address https://<IP Address of the Collector>:8001

- There are additional commands on the admin shell. To display them just do the following: # ?
- Even though IPV4 is configured, login banner message shows the URL with default IPV6 address in some cases, but you should be able to login via configured IPV4 address. If you want to remove IPV6 address from login banner message then comment the following line from /etc/NetworkManager/system-connections/<interfacename>.nmconnection file.

#[ipv6]

#addr-gen-mode=default

#method=auto

Set GRUB Password

Step 1 Login as a root user

Step 2 Execute the command grub2-setpassword

CSPC Collection Platform Software Installation and Configuration Guide



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Save the grub password in a secure and accessible location for future use. Password recovery and other troubleshooting is not possible without grub password.

Figure 2-19	GRUB Pa	ssword	
[root@lo	calhost	collectorlogin]#	grub2-setpassword
Enter pa	ssword:		
Confirm	password	d:	
[root@lo	calhost	collectorlogin]#	

TACACS Authentication

To enable TACACS authentication for collector CLI login as root user, perform the following:

vi /etc/pam.d/tac plus add the following at start and enter the parameters in the braces. Step 1 sufficient /usr/local/lib/security/pam tacplus.so debug auth server=<TACACS Server IP> secret=<TACACS Server secret key> sufficient /usr/local/lib/security/pam tacplus.so debug account server=<TACACS Server IP here> secret=<TACACS Server secret key here> service=shell protocol=ssh session sufficient /usr/local/lib/security/pam tacplus.so debug server=<TACACS Server IP here> secret=<TACACS Server secret key here> service=shell protocol=ssh vi /etc/pam.d/sshd add the following line at the start. Step 2 auth include tac_plus

Step 3 Restart the service sshd restart

ESXi 7.0 Patch Installation

ESXi 7.0 version less than to build-21930508 then upgrade to 7.0 latest version by using following steps:

1. To download ESXi 7.0 latest build locally by click on below url:

URL: ESXi 7.0-2193058

2. Follow steps in the document "Release Notes for ESXI_7.0_21930508".

| Chapter 2 Installation and Configuration

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CSPC NAT OVA Installation

You require all these noted below before you start deploying.

- ESXI Login IP and credentials
- Existing NAT router / CSRV1000VVM login IP and credentials
- Copy of NAT rules and other customized configuration on old NAT router VM that required to be replaced
- VSphere client to connect to ESXI
- CSPC NAT OVA available locally or on network to deploy. Default credentials of the OVA

This section describes steps to deploy CSPC NAT OVA using VMWare vSphere Client:

Step 1 Get the xxx.ova file either to a web server or local file system where vSphere client is available

Step 2 Launch vSphere client and login using credentials with the privilege to deploy an OVA file

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- Step 3 Use vSphere client and select the ESXi host or IP address that manages NAT virtual machine
- Step 4 Use vSphere client and select the File menu and then select the Deploy OVF Template... menu item shown in the file menu
- Step 5 Select the OVA file residing locally using the file explorer. If this option is used, click Browse... and navigate the file explorer to locate the file xxx.ova, then click Next



Figure 2-20 Deploy OVF Template

Step 6 Enter the path or Browse to select the CSPC NAT OVA and click Next to proceed

Deploy OVF Template			-	
Source Select the source location.				
Source OVF Template Details Name and Location Disk Format Ready to Complete	Deploy from a file or URL			
	C	▼ e from the Int ch as a local h	Browse ternet, or hard drive, a	

Step 7 Click Next to proceed

Γ

OVF Template Details Verify OVF template details.	CSPC_NAT No certificate present e: 652.0 MB 1.6 GB (thin provisioned) 50 A CB (thin provisioned)	
Source OVF Template Details Name and Location Disk Format Network Mapping Ready to Complete Vendor: Publisher: Download size: Size on disk: Description:	CSPC_NAT No certificate present 1: 652.0 MB 1.6 GB (thin provisioned) 50.0 GB (thin provisioned)	

Step 8 Select the appropriate storage to store the virtual machine then click Next to proceed

Γ

Deploy OVF Template Name and Location Specify a name and loca	ion for the deployed template		×
Source OVF Template Details Name and Location Disk Format Network Mapping Ready to Complete	Name: CSPC_NAT_ROUTER The name can contain up to 80 characters and it must be unique within the inventory folder.		
	< Back Next >	Can	cel

Figure 2-23 Name and Location

Step 9 "Thick provision Lazy Zeroed" is selected by default, click Next to proceed

Deploy OVF Template Disk Format In which format do you	want to store the virtual disks?			-		×
Source. OVF Template Details Name and Location Disk Format Network Mapping Ready to Complete	Datastore: Available space (GB): Thick Provision Lazy Z Thick Provision Eager: Thin Provision	datastore 1 3057.6 eroed Zeroed				
			≤Back	Next ≥	Car	icel

Figure 2-24 Disk Format

Step 10 Select Destination Networks, as "VM Corporate Network" to "VM Corporate Network" and "VM Private Network" to "VM Private Network" and click Next

Map the networks used in this OVF templat	te to networks in your inventory
Source Networks	Destination Networks
VM Corporate Network	VM Corporate Network
VM Private Network	VM PrivateNetwork
The VM Corporate Network network	
	Map the networks used in this OVF templat Source Networks VM Corporate Network VM Private Network C Description: The VM Corporate Network network

Figure 2-25 Network Mapping

Step 11 Choose the Power on after deployment, then click Finish

Figure 2-26 Ready to C	Complete
------------------------	----------

OVF Template Details	When you click Finish, the deployment task will be started.				
Sak Format Vetwork Mapping Ready to Complete	OVF file: OVF file: Download size: Size on disk: Name: Host/Cluster: Datastore: Disk provisioning: Network Mapping: Network Mapping:	C:\Users\sedurais\Desktop\CSPC_NAT.ova 652.0 MB 50.0 GB CSPC_NAT_ROUTER localhost. datastore1 Thick Provision Lazy Zeroed "VM Corporate Network" to "VM Corporate Network" "VM Private Network" to "VM Private Network"			
	Cower on after deployment				

Step 12 Deployment is completed. Click Close

Γ

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Figure 2-27	Deployment progress			
🕜 Deployr	ment Completed Successfully	-		\times
Deploying (CSPC_NAT_ROUTER			
Completed	Successfully			
			Clo	se

After Successful installation of OVA, you have to configure CSPC NAT OVA. To configure CSPC NAT OVA, perform the following:

Step 1 Take Snapshot of old CSRV1000 and Power OFF old CSRV1000 VM

Figure 2-28		Old CSRV1000		
10.127.10	2.32 outer	2.3.2		NAT
NAT-R		Power For Former		Get
		Snapshot •		Take Snapshot
		Open Console		Revert to Current Snapshot
	Edit Settings Upgrade Virt Add Permiss Report Perfo Rename	Edit Settings Upgrade Virtual Hardware	13	Snapshot Manager Consolidate
		Add Permission Ctrl+P		Br
		Report Performance		er
		Rename		WC CC
		Open in New Window Ctrl+Alt+N Remove from Inventory		Vi
		Delete from Disk		

- Step 2 Right click on new CSPC NAT VM, and select **Open Console**. Once Router up and running, Login as root user and provide default password "XXxXX\$" (contact CSPC support for default password)
- Step 3 You need to provide IP address and Netmask for eth0 external interface

#	nmcli con edit eth0
>	set ipv4.method manual
>	<pre>set ipv4.addresses <ip_address prefix=""></ip_address></pre>
>	set ipv4.gateway <gateway ip=""></gateway>
>	save
>	quit
	# nmcli con up eth0

Figure 2-29 Console
irootθlocalhost "]# Irootθlocalhost "]# mmcli con edit ethθ
=== nmcli interactive connection editor ===
Editing existing '002-3-ethernet' connection: 'eth0'
Type 'help' or '?' for available commands. Type 'print' to show all the connection properties. Type 'describe [<setting>.<prop>]' for detailed property description.</prop></setting>
You may edit the following settings: connection, 802-3-ethernet (ethernet), 802-1x, dcb, sriov, ethtool, match, ipv4, ipv6, tc, proxy mmcli> set ipv4.method manual mmcli> set ipv4.gateway 10.126.77.183/24 mmcli> set ipv4.gateway 10.126.77.1
Connection 'eth0' (5fb06bd0-0bb0-7ffb-45f1-d6edd65f3e03) successfully updated.
rootPlocalhost "]# nmcli con up eth0 Connection successfully activated (D-Bus active path: /org/freedesktop/NetworkManager/ActiveConnection/3) FrootBlocalhost "]# _

Step 4 CENTS OS7 NAT Router

"Reload Firewall rules firewall-cmd-reload"

Step 5 NAT Rules

Firewall-cmd -list-all -zone=cspszone

Note

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This CenOS7 Nat routeNote: This CenOS7 Nat router OVA can be accessed from ESXI console or CLI using ssh as 'admin' user from port 1022 then switch to root.r OVA can be accessed from ESXI console or CLI using ssh as 'admin' user from port 1022 then switch to root''

Now you will be able to login to CSPC UI and other VMs UI successfully.

CIMC Patch Installation

server):
server):

Step 6 Once the patch is downloaded to /opt/LCM/tmp, unzip the patch and follow the instructions from Read_me_CIMC_3.0(4i).docx

NOS Configurer

Installation Sequence For nos_configurer



This is only for NOS.

This section shows the instructions on how to install nos_configurer_2.11 on CSPC 2.11, and to configure CSPC for NOS specific functionalities.

Note

 The NOS Configurer, RI Addons should be installed manually which are present in the \$CSPCHOME/installer/manual folder.

• There is no updates on nos configurer in CSPC 2.11. So, you can follow the same steps below.



This only for fresh nos installation.

It performs the following tasks:

1. Schedule jobs to carry out NOS functionalities

Following jobs are scheduled:

- a. Weekly Inventory Job
- b. Daily Upload Job
- c. Daily DAV Job
- d. Daily Health Upload Job

2. Adds dependency rules to maintain data consistency

Follow the steps given below to install nos_configure_2.11 on CSPC 2.11:

- Step 3 Unzip the file nos_configurer_2.11.zip
- Step 4 On unzipping, a folder named nos_configurer_2.11 is created
- Step 5 Enter the command:
 - a. cd nos_configurer_2.11

Example: sh nos_cspc_2.11_patch.sh <username> <pwd> 1 22 23

Step 1 Terminal login to CSPC appliance

Step 2 Navigate to path \$CSPCHOME/installs/manual

Note You can install the installer without giving above three optional arguments. This will install support installer with default values as 1, 23 and 23.

In the above example:

1..7 = Sunday to Saturday

1...23 = hours in a day.

Step 6 On triggering the above command, it will prompt for user confirmations. Provide them accordingly

- a. Do you want to cancel installation and rerun with additional arguments? Enter Y or N: (y/n)? N
- b. Do you want to cancel installation and rerun with different scheduling day and hours ? Enter Y or N: (y/n)? N
- c. Do you want to schedule health job immediately Enter Y or N: (y/n)? Y
- d. Do you want to schedule inventory/DAV/Upload job immediately Enter Y or N: (y/n)? Y
- e. Restarting the server to make sure inventory is not running. Do you want to continue? Enter Y or N: (y/n)? N



I

You have option to schedule the job now or later.