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## **Deploy VCF**

#### Overview

This section demonstrates the deployment of the VLC-Holo-Site-1 nested lab using VLC.

There are two different methods for performing the deployment:

- Method 1 demonstrates how to perform the deployment using the VLC GUI
- Method 2 demonstrates how to perform the deployment using VLC from the command line Perform only one of the methods to deploy the environment.

#### Prerequisites

The previous procedures were completed successfully.

Obtain the IP address of the ESXi server used to host the environment. Until DNS services can be established, communication will have to be performed with the IP address.

Note that these tasks are performed from the Holo-Console VM deployed earlier. They can be carried out by directly accessing the Holo-Console via the ESXi console option, or via RDP to the Holo-Router IP address.

#### Method 1: Deploy VCF using VLCGui (Option 1)

This task demonstrates using the VLC GUI to perform the Holodeck deployment.

#### [Step 1] Run VLC

- A. Using the vSphere client, open a console window to the Holo-Console VM created earlier.
- B. Login as Administrator with a password of VMware123!
- C. Using Windows File Manager, navigate to C:\VLC\VLC-Holo-Site-1
- D. Right click on VLCGui.ps1 and click Run with PowerShell

← → • ↑	> This PC → Windows (C:) → VLC → VLC-Holo-Site-1	→ → ♂ Search VLC-Holo-S
<ul> <li>Quick access</li> <li>Desktop</li> <li>Downloads</li> <li>Documents</li> <li>Pictures</li> <li>This PC</li> </ul>	Name Holo-Build Add_3_big_hosts.json Add_3_hosts.json Add_3_hosts_bulk_commission VSAN.json Add_4_big_hosts.json Add_4_big_hosts_ESXi5-8.json	Open     Type       Run with PowerShell       Edit       by       Share       Open with
Petwork	<ul> <li>add_4_hosts_bulk_commission VSAN.json</li> <li>add_4_hosts_ESXi5-8,json</li> <li>add_4_hosts_ESXi5-8_bulk_commission V</li> <li>Holo-A1-v45</li> <li>Holo-Site-1-vcf-ems-public.json</li> <li>NOLIC-Holo-Site-1-vcf-ems-public.json</li> <li>NSXT Edge nodes AMD Ryzen Fix</li> <li>VCF Lab Constructor Install Guide 45-102</li> <li>VLC-Config-File-Example</li> <li>VLCGui</li> </ul>	Restore previous versions         Send to         Cut         Copy         Create shortcut         Delete         Rename         Properties



- E. Wait for the VLC UI to be displayed.
- F. Click **Automated** on the VLC UI

#### VCF Lab Constructor beta 4.5



G. Click on the **VCF EMS JSON** field



H. Select the C:\VLC\VLC-Holo-Site-1\Holo-Site-1-vcf-ems-public.json, then click Open



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💀 Open			×
	C > VLC-Holo-Site-1 > 🗸 🗸	Search VLC-Holo-Site	e-1 , <b>0</b>
Organize 👻 New folde	er		- 🔳 ?
📰 Pictures 🛛 🖈 ^	Name	Date modified	Туре ^
💻 This PC	Holo-Build	12/8/2022 4:21 AM	File folder
3D Objects	Logs	12/8/2022 4:37 AM	File folder
Deckton	add_3_big_hosts.json	11/24/2022 7:05 AM	JSON File
	add_3_hosts.json	11/24/2022 7:05 AM	JSON File
Documents	add_3_hosts_bulk_commission VSAN.json	11/24/2022 7:05 AM	JSON File
Downloads	add_4_big_hosts.json	11/24/2022 7:05 AM	JSON File
Music	add_4_big_hosts_ESXi5-8.json	11/24/2022 7:05 AM	JSON File
Pictures	add_4_hosts_bulk_commission VSAN.json	11/24/2022 7:05 AM	JSON File
😽 Videos	add_4_hosts_ESXi5-8.json	11/24/2022 7:05 AM	JSON File
Windows (C)	add 4 hosts ESXi5-8 bulk commission V	11/24/2022 7:05 AM	JSON File
	HOLO-Site-1-vcf-ems-public.json	11/25/2022 4:32 AM	JSON File
	NOLIC-Holo-Site-1-vcf-ems-public.json	11/24/2022 7:05 AM	JSON File 🗸 🗸
igen Network 🗸 🗸	<		>
File na	ame: HOLO-Site-1-vcf-ems-public.json 🗸	JSON (*.json)	~
		Open	Cancel

- I. Enter **10.0.0.1** for the address of the gateway in the Ext GW field
- J. If your lab requires use of DNS other than 8.8.8.8, enter in Ext DNS  $% \mathcal{S}_{\mathrm{S}}$
- K. Click on the input field for  $\ensuremath{\text{CB}}$  OVA Location

VCF Lab	b Constructor I	beta 4.5							
File									
	C:\VLC\VLC-H	lolo-Site-1\HOL(	)-Site-1-vcf-ems-publi	CF EMS JSON	Host/VC IP/FQDN*				
	10 Ma	in VLAN	10.0.0/24	Mgmt Net CIDR	Username*				
	10.0.0.1	Ext GW	10.0.0.221	Mgmt GW	Password*				
	10	xt DNS	10.0.0.221	CBIP		,			
_ `	T			*CB OVA Location			Conne	ct	
	Use CB ES	Xi?		ESXi ISO Location	Cluster*				
1				Prefix for VMs					-
	VMware123!			Host/CB Password	Network"				-
	10.0.0.221	NTP IP	10.0.0.221	DNS IP	Datastore*				
	vcf.sddc.lab			Full Domain		1			
				Addtl Hosts JSON					
				Deploy Edge Cluster	VGP L	<b>A B</b>	60 N 8 1	RUGTO	R
	Clear	<-Back	Validate						

L. Select the C:\Cloud Builder\VMware-Cloud-Builder-4.5.0.0-20612863\_OVF10.ova file and click **Open** 

🖳 Open	
← → ~ 1 → Tł	nis PC > Windows (C:) > CloudBuilder
Organize 🔻 🛛 New fold	er
	Namo
📌 Quick access	D VAAuron Churd Builder 45.0.0 20512052
📃 Desktop 🛛 🖈	Viviware-Cloud-Builder-4.5.0.0-20012803
🕂 Downloads 🛛 🖈	
🚆 Documents 🛛 🖈	
📰 Pictures 🛛 🖈	
VLC-Holo-Site-1	
💻 This PC	

M. Add a unique name in the Prefix for VMs field. This allows for easy identification of the resources deployed for a given lab. This example uses the prefix of Holo-A. Best practice naming is use a common letter designator for the physical ESXi host port group, Holo-Console, Holo-Router and VM Prefix. Here we are using Holo-A-Console, Holo-A-Router and VM Prefix Holo-A, all running on port group VLC-A-PG



VCF Lab Constructor beta 4.5

File				
	C:\VLC\VLC-Holo-S	ite-1\HOL	0-Site-1-vcf-ems-publi	VCF EMS JSON
	10 Main VL	AN	10.0.0/24	Mgmt Net CIDR
	10.0.0.1	Ext GW	10.0.0.221	Mgmt G₩
	10.172.40.1	Ext DNS	10.0.0.221	CBIP
	C:\CloudBuilder\VM	ware-Clou	d-Builder-4.5.0.0-2061	*CB OVA Location
	Use CB ESXi?			ESXi ISO Location
	Holo-A-esxi-01a		Holo-A	Prefix for VMs
	VMware 123!			Host/CB Password
	10.0.0.221	NTP IP	10.0.0.221	DNS IP
	vcf.sddc.lab			Full Domain
				Addtl Hosts JSON

N. Click on AddI Hosts JSON and select the file C:\VLC\VLC-Holo-Site-1\add\_3\_hosts.json and click Open



🖶 Open			×
$\leftrightarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ $\blacksquare$ « VLC	> VLC-Holo-Site-1 > v さ	Search VLC-Holo-Site	e-1 ,0
Organize 👻 New folder	r -		- 🔳 🕐
🕂 Downloads  🖈 ^	Name	Date modified	Туре
🔮 Documents 🖈	automated_api_jsons	12/8/2022 4:21 AM	File folder
📰 Pictures 🛛 🖈	bin bin	12/8/2022 4:21 AM	File folder
	🔄 conf	12/8/2022 4:21 AM	File folder
	etc	12/8/2022 4:21 AM	File folder
3D Objects	Holo-Build	12/8/2022 4:21 AM	File folder
Cesktop	Logs	12/8/2022 4:37 AM	File folder
🔮 Documents	add_3_big_hosts.json	11/24/2022 7:05 AM	JSON File
🕂 Downloads	add_3_hosts.json	11/24/2022 7:05 AM	JSON File
b Music	add_3_hosts_bulk_commission VSAN.json	11/24/2022 7:05 AM	JSON File
Pictures	add_4_big_hosts.json	11/24/2022 7:05 AM	JSON File
Videos	add_4_big_hosts_ESXi5-8.json	11/24/2022 7:05 AM	JSON File
Windows (C)	add_4_hosts_bulk_commission VSAN.json	11/24/2022 7:05 AM	JSON File
Windows (C:)	<		>
File nar	me: add_3_hosts.json 🗸 🗸	JSON (*.json)	~
		Open	Cancel

- O. Leave First 3 Addl hosts as blank
- P. Check **Deploy Edge Cluster**
- Q. Select Deploy Workload Mgmt?
- R. Select **Deploy AVNs**
- S. Leave Do Bringup? checked

Holo-A-esxi-01a	Holo-A	Prefix for VMs	Maturals*	
VMware123!		Host/CB Password	INELWOIK	
10.0.0.221 NTP IP	10.0.0.221	DNS IP	Datastore*	
vcf.sddc.lab		Full Domain		
C:\VLC\VLC-Holo-Site-1\add_	3_hosts.json	Addtl Hosts JSON		
First 3 Addtl hosts as	<u> </u>	Deploy Edge Cluster	VGP L	AB CONSTRUCTOR
Clear <-Back	Validate		t 🔽 )eploy Wo	rkload Mgmt? 🔽 Peploy AVNs

- T. Enter the IP address of the ESXi host in the Host/VC IP/FQDN field.
- U. Specify the username and password for the ESXi host in the Username and Password fields



Host/VC IP/FQDI	- 1(		
Username*	root		
Password*	[]		
		Connect	

- V. Click the **Connect** button
- W. Select the port group and datastore to be used for this deployment. In this example VLC-A-PG is used

		Connected!	
Cluster*			
Network*	VLC-A-PG VLC-B-PG		0
Datastore*	3.5T-NVME-1 3.5T-NVME-2		0

- X. Click Validate
- Y. Wait for the validation to complete and the Validate button to change to Construct!

VCF La	b Constructor beta	4.5						
File								
	C:\VLC\VLC-Holo-S	iite-1\HOL	O-Site-1-vcf-ems-publi	VCF EMS JSON	Host/VC IP/FG	DN* 10		
	10 Main VL	AN	10.0.0/24	Mgmt Net CIDR	Username	root		
	10.0.0.1	Ext GW	10.0.0.221	Mgmt GW	Password			
	10.172.40.1	Ext DNS	10.0.0.221	CBIP			Connected	
	C:\CloudBuilder\VM	lware-Cloud	d-Builder-4.5.0.0-2061	*CB OVA Location	Í		Connected!	. <u></u>
	☑ Use CB ESXi?			ESXi ISO Location	Cluster	·		
	Holo-A-esxi-01a		Holo-A	Prefix for VMs	Network	VLC-A-PG		<u>^</u>
	VMware123!			Host/CB Password	INCLUCIT	VLC-B-PG		~
	10.0.0.221	NTP IP	10.0.0.221	DNS IP	Datastore	3.5T-NVME-1 3.5T-NVME-2		0
	vcf.sddc.lab			Full Domain				
	C:\VLC\VLC-Holo-S	iite-1\add_	3_hosts.json	Addtl Hosts JSON				
	First 3 Addtl hosts a	as	•					
		_		Deploy Edge CI	uster VCP	LABG	ONSTRU	GTOR
	Clear <-E	Back	Construct!	10.1.0.0/16 Do Bringup?	NSX S-net 🔽 Deploy	Workload Mgmt?	Deploy AVNs	



- Z. Click Construct!
- AA. VLC will begin to deploy the VCF environment. This process takes about three hours

🔀 VLC Loggin	ng wir	ndow		- 🗆 ×
04:52:20 a host	:>	Creating a test VM a	and setting the SCSI controller as it's the only reliable way to determine VC $\circ$	Control of
04:52:25	:>	vSwitch0 MTU of 1500	) is not valid for VLC, must be 8940 or higher.	
04:52:25	:>	Networks from this s	witch will not be available as deploy target until corrected	
04:52:25	:>	Connecting to VI, p	lease wait.	
04:52:26	:>	Creating a test VM a	and setting the SCSI controller as it's the only reliable way to determine VC $\circ$	Control of
a host			) is not well to state much be 2040 an bisher	
04:52:31	2	VSWITCHU MIU OT 1500	) is not valid for VLC, must be 8940 or night.	
04:32:31	2	Connecting to VT n	lasso wait	
04.53.36	:0	Validating Eree Space	rease walth.	
$04 \cdot 53 \cdot 36$	:5	Current free space of	on datastore 3 5T-NVME-1 is 2007GB Validation Passed	
04:53:36	:>	Validation complete.	all checks passed!	
04:54:41	:>		Tenute4.5	
04:54:41	:>	password		
04:54:41	:>	dnsServer	10.0.0.221	
04:54:41	:>	Typeguestdisk	Thin	
04:54:41	:>	username	root	
04:54:41	:>	CBISOLoc	C:\CloudBuilder\VMware-Cloud-Builder-4.5.0.0-20612863_0VF10.ova	
04:54:41	:>	useCBIso	True	
04:54:41	2	nestedvmPretix		
04:54:41 04.54.41	2	VCTDomainName		
04.54.41	:2	deploy#ldMamt		
04.54.41	:<	masterPassword	Mware1231	
04:54:41	-5	chName	CB-01a	
04:54:41	:5	deplovAVNs		
04:54:41	:>	cluster		
04:54:41	:>	esxhost	1	
04:54:41	:>	internalSvcs	True	
04:54:41	:>	ds 3.5T-NVM	1E-1	
04:54:41	:>	mgmtNetSubnet	10.0.0/24	
04:54:41	:>	mgmtNetVlan	10	
04:54:41	:>	addHostsJson	C:\VLC\VLC-Holo-Site-1\add_3_hosts.json	
04:54:41	->	Tabbns	10.1/2.40.1	
04:34:41 04:54.41	22	VCTEMSFILE	C: \VLC\VLC-HOTO-STEE-I\HOLO-STEE-I-VCT-ems-public.json	
04.54.41 04.54.41	:2	mamtNetCidn	24	
$04 \cdot 54 \cdot 41$	:<	momtNetGateway		
04:54:41	-5	labGateway	10.0.0.1	
04:54:41	:>	deployEdgeCluster	True	
04:54:41	:>	vsphereIS0Loc		
04:54:41	:>	ntpServer	10.0.0.221	
04:54:41	:>	guestOS	vmkerne165guest	
04:54:41	:>	cbIPAddress	10.0.0.221	
04:54:41	:>	netName	VLC-A-PG	
04:54:41	:>	bringupAfterBuild		

AB. When complete, VLC will advise the user to press *Enter* to end the VLC process and provides information on how to access the SDDC Manager UI. Notice that it took right at 3 hours to deploy a complete SDDC.

07:51:46	:>	Obtaining deployed Edge Cluster ID
07:51:46	:>	Token Expired 07:51:46
07:51:47	:>	Token Expired 07:51:47
07:51:50	:>	Loading AVN API JSON - NSX_AVN_API.json
07:51:50	:>	Adding Edge Cluster ID: 78fb1dca-80d2-4412-ac89-6e43110887da
07:51:50	:>	Calling AVN creation API - this takes < 5 minutes
07:52:00	:>	Current task: Create Overlay AVN Segment in NSX-T
07:52:10	:>	Complete!
07:52:10	:>	Commissioning additional hosts
07:52:10	:>	Obtaining Network Pool Id
07:52:10	:>	Loading Additional Host file selected - C:\VLC\VLC-Holo-Site-1\add_3_hosts.json
07:52:10	:>	Creating Bulk Commission Host file to match API for HostSpecs of first 3 hosts
07:52:10	:>	Calling Host Commission API - this takes < 15 minutes
07:52:12	:>	Current task: AcquireResoureLocksIfResourcesExistsAction
07:52:22	:>	Current task: ValidateHostsAction
07:52:32	:>	Current task:
07:52:42	:>	Current task: InstallTemporaryESXiCertificateAction
07:53:43	:>	Current task: ConfigureNtpAction
07:54:23	:>	Current task: FetchHostsAttributesAction
07:54:33	:>	Current task: RotateHostSshKeysAction
07:54:53	:>	Current task: Add ESXi Root Credentials to SDDC Manager Credentials Store
07:55:03	:>	Complete!
07:55:03	:>	<u>Cleaning up Temp Directory</u>
07:55:04	:>	Total RunTime: 03:00:22.8168452
07:55:04	:>	Please open a browser and navigate to https://sddc-manager.vcf.sddc.lab 🤳
Your VCF	SDI	DC setup is complete. Press enter to continue!: _



#### [Step 2] Test VLC Deployment

A. From the Holo-Console, open Chrome and click on the Managed bookmarks and select the SDDC Manager

	0	New Tab		>	(	+	
	÷	$\rightarrow$ C	( 9				
(		Managed bo	okmarks				
(	0	SDDC Man	ager				
		Mgmt Don WLD Doma	SDDC M https://s	anager ddc-manager.v	cf.sc	ddc.lab	
		vRealize	•				

- B. Acknowledge the security warning by clicking on **Advanced** followed by **Proceed to sddc-manager.vcf.sddc.lab** (unsafe)
- C. Acknowledge the second security warning by clicking on **Advanced** followed by **Proceed to vcenter**mgmt.vcf.sddc.lab (unsafe)
- D. Login as the user adminstrator@vsphere.local with the password VMware123!
- E. Uncheck the VMware CEIP box
- F. Verify the page displayed resembles the following

vmw Cloud Foundation	ŝ	
A Backups of SDDC Manager	and NSX-T	Managers are configured with the default settings. Register an external SFTP server for backups.
(i) This version of VMware Clo	ud Founda	ion supports subscription. Go to License Management to learn more.
	«	
② Dashboard	<b>•</b>	Guided Setup
	~	Welcome! You have deployed VMware Cloud Foundation.
🕼 Workload Domains		To get started, here is some information you need to know and some settings you
🗄 Hosts		should configure immediately.
😂 Lifecycle Managem	>	Don't launch guided setup after login
Administration	~ <b>•</b>	CLOSE PAGE
🖻 Tasks		

Task T	Subtask	Task Status
Commissioning host(s) esxi-1	Generate Input To Clean Skipped Hosts Configuration	⊘ Successful
Deploying overlay AVNs for d	Release lock	⊘ Successful
Adding edge cluster EC-01	Release Lock on SDDC Manager	⊘ Successful

G. On the first time accessing SDDC Manager, you can check "Don't launch guided setup after login"

- H. Click on hosts
- I. Close the Tasks pane



	19.9 GHZ 03ed	778 GHZ Free 196.29 GB Used	259.67 GB Free 4 Used	3 Unallocated	
C Administration ✓ ▼ I Tasks				⊘ ⊿"	×

J. Notice the four host VCF Management domain and the three additional unassigned hosts

FQDN T	Host IP 🔻	Network Pool 🔻	Configuration Status T	Host State 🔻	Cluster 🔻	CPU Usage 🔻	Memory Usage T	Storage Type
esxi- 1.vcf.sddc.lab	10.0.0.101	mgmt- networkpool j	⊘ Active	Assigned (mgmt-domain)	mgmt-cluster- 01	18%	53%	All Flash
esxi- 2.vcf.sddc.lab	10.0.0.102	mgmt- networkpool j	⊘ Active	Assigned (mgmt-domain)	mgmt-cluster- 01	9%	45%	All Flash
esxi- 3.vcf.sddc.lab	10.0.0.103	mgmt- networkpool j	⊘ Active	Assigned (mgmt-domain)	mgmt-cluster- 01	22%	57%	All Flash
esxi- 4.vcf.sddc.lab	10.0.0.104	mgmt- networkpool (j)	⊘ Active	Assigned (mgmt-domain)	mgmt-cluster- 01	23%	44%	All Flash
esxi- 10.vcf.sddc.lab	10.0.0.110	mgmt- networkpool (j)	⊘ Active	Unassigned	-	1%	7%	All Flash
esxi- 11.vcf.sddc.lab	10.0.0.111	mgmt- networkpool (j)	⊘ Active	Unassigned	-	1%	7%	All Flash
esxi- 12.vcf.sddc.lab	10.0.0.112	mgmt- networkpool (j)	⊘ Active	Unassigned		1% A	7%	All Flash DWS trivate Wind

#### Displays all hosts in VMware Cloud Foundation inventory.

### [Step 3] Set FTT=0 on Nested VSAN datastore. (Optional)

The following step is recommended to reduce out of space issues on the nested environment. As this is a lab environment, and running on underlying SSD, it is typically acceptable to reduce redundancy in the nested environment

A. Using the vSphere Web Client, click to expand the menu, then click Policies and Profiles



< 1/3 >	
vSphere Client	Q
A Home ♦ Shortcuts	<
<ul> <li>☐ Inventory</li> <li>☐ Content Libraries</li> <li>⊗ Workload Management</li> <li>☐ Global Inventory Lists</li> </ul>	c.lab D1
R       Policies and Profiles         Auto Deploy       Policies and Profiles         Image: Auto Deploy       Policies and Profiles <td>nd Profiles</td>	nd Profiles
<ul> <li>Administration</li> <li>Tasks</li> <li>Events</li> <li>Tags &amp; Custom Attributes</li> </ul>	
B. Select VM Storage P $\equiv$ vSphere Client Q	olicies -> vSAN Default Storage Policy -> Edit
Policies and Profiles VM Storage Policies VM Customization Specifications Host Profiles Compute Policies Storage Policy Components	VM Storage Policies         CREATE       CHECK       EDIT       CLONE       REAPPLY       RESET         Name <ul> <li></li></ul>

- C. Leave Name and Description as is and click Next
- D. On the vSAN Availability tab, set Failures to Tolerate to No Data Redundancy then click Next



Edit VM Storage Policy	VSAN		×
1 Name and description	Availability Storage rules	Advanced Policy Rules Tags	
2 vSAN	Site disaster tolerance (j)	None - standard cluster 🗸	
3 Storage compatibility	Failures to tolerate ()	1 failure - RAID-1 (Mirroring) No data redundancy No data redundancy with host affinity	
4 Review and finish		1 failure - RAID-1 (Mirroring) 1 failure - RAID-5 (Erasure Coding) 2 failures - RAID-6 (Erasure Coding) 2 failures - RAID-6 (Erasure Coding) 3 failures - RAID-1 (Mirroring)	

E. Click next on Storage Compatibility

Edit VM Storage Policy	Storage cor	mpatibility					×
1 Name and description	COMPATIBLE	NCOMPATIBLE pre clusters			Compatible storag	ge 2.34 TB (1.8 TB free)	
2 vSAN					▼_ Filt	ter	
3 Storage compatibility	Name	Datacenter	Туре	Free Space	Capacity	Warnings	
4 Review and finish	vcf-vsan	mgmt-datacenter-01	vSAN	1.80 TB	2.34 TB		

F. Review setting and click Finish



Review and finish General vSAN Default Storage Policy Name Description Storage policy used as default for vSAN datastores vCenter Server vcenter-mgmt.vcf.sddc.lab 3 Storage compatibility VSAN Availability 4 Review and finish Site disaster tolerance None - standard clust No data redundancy Failures to tolerate Storage rules Encryption services No preference Space efficiency No preference Storage tier No preference Advanced Policy Rules Number of disk stripes per object 1 IOPS limit for object 0 Object space reservation Thin provisioning Flash read cache reservation 0% Disable object checksum No Force provisioning No

G. Select Now when prompted on Reapply to VM's, then Yes



 $\times$ 

VM	Storage Policy in Use	$\times$
	The VM storage policy is in use by 16 virtual machine(s). Changing the V storage policy will make it out of sync with those 16 virtual machine(s).	М
$\triangle$	Reapply the VM storage policy to those 16 virtual machine(s) to make it sync. This action might take significant time and system resources.	in
	Reapply to VMs: Now V	
	Save changes?	

#### [Step 4] Reboot Holo-Console VM

A. Using the vSphere Web Client, select the Holo-A-Console and click Restart to reboot the VM. NOTE: This step is required to clear temporary Holo-Console network routing. After reboot Holo-Console receives routing, DNS, NTP, etc from Cloud Builder within the pod.

vmware" ESXi"		
Bavigator		🚯 Holo-A-Console
✓ Host Manage		💕 Console 🏼 Monitor   🕨 Power on 🗧 Shut down 🔢 Suspend 🕼 Restart   🎤 Edit   🧲 Refresh
Monitor		Holo-A-Console
		Guest OS Microsoft Windows Server 2019 (64-bit) VBS no
👻 🔂 Virtual Machines	33	Compatibility ESXi 7.0 U2 virtual machine
- 🗗 Holo-A-Router		VMware Tools Yes
Monitor		CPUs 2
		Memory 4 GB
Holo-A-Console		Host hame Verau.ver.hoio.rab
Monitor	-	
🕨 📅 Holo-D-Console		C
► The VLC-Build-1		
More VMs		✓ General Information
✓	5	✓ Q Networking
▼ 🗐 ds-1		Host name vcfad.vcf.holo.lab



