

Updated Feb 2023 Installation Guide for UMAS & VIC-VMware ESXi On-Premise Deployment

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Introduction

Scope and Purpose

This document describes the system requirements, installation and configuration steps for the Uila uObserve Virtual Information Controller(vIC) and Virtual Smart Tap(vST).

It is assumed that the reader has already installed VMware and is familiar with the configurations and operations of VMware.

Architecture Overview

The diagram below shows the Uila Management and Analytics System architecture(UMAS) and its relationship to Virtual Information Controller(vIC) and Uila Virtual Smart Taps(vST).



Virtual Architecture

uObserve[™] consists of a few major components –

 Management and Analytics system (UMAS) – The core of the Uila virtual infrastructure architecture is a big data store and analytics engine that is designed from ground up to scale-out to accommodate large data center deployments with thousands of servers, to scale-in to record data in high resolution, maintain historical data while maintaining real



time responsiveness. Built-in redundancy offers high availability, mitigates downtime, and reduces maintenance overhead. UMAS can be installed in the Private, Public or SaaS Cloud.

The analytics engine is the brain that correlates application to infrastructure performance metric by providing the smarts to pinpoint the infrastructure root cause behind application performance degradation. The trending reports generated from the historical data helps identify infrastructure hotspots and maintains optimal application performance.

- Virtual Information Controller(vIC) The vIC can be installed in either the Private or Public Cloud. In the Private Cloud, Virtual Information Controller (vIC) is the integration conduit to the VMware Horizon VDI infrastructure & Virtualization Management System e.g., VMware vCenter, Microsoft Hyper-V, Nutanix Prism Central or OpenStack Controller. The vIC retrieves your infrastructure configuration as a template to build Uila monitoring domain and to streamline deployment. The vIC collects network, storage and compute performance metrics that are maintained by vCenter (or equivalent from Microsoft, Nutanix, OpenStack) and combines it with the application and network metadata from all deployed vSTs. In the Public Cloud, the vIC collects the Instance & VM level networking, application, compute statistics from the vSTs. In both cases, the vIC securely transmits it to the Uila Management and Analytics System, either on-premise or in the cloud.
- Uila Log Database Server- The Uila Log Database Server can be installed in either the Private or Public Cloud. The Uila Log Database Server collects and consolidates logs and log statistics from multiple Logging Smart Taps (LST). The Uila uObserve web console requests the log data from Uila vIC, which in turn queries the Log Database Server and delivers it back to the Uila UMAS server.
- Virtual Smart Tap(vST) vST is deployed at the host as a small footprint guest VM that utilizes Deep Packet Inspection (DPI) technology to identify unique applications and its attributes. The vST measures application response time and collects network performance data. No packet payload is examined or stored, thus removing the risk of exposing sensitive data.

In a cloud deployment, the VST, also collects the network and performance metrics from the IST and utilizes the Deep Packet inspection technology to identify applications.



- Instance Smart Tap (IST) The Uila Instance Smart Tap (iST) is deployed as a plug-in in a distributed manner across the Public Cloud on the VMs or Instances running the application workload. It collects traffic as well as VM and Instance level Compute statistics and sends it to the vST for Deep Packet Inspection.
- Logging Smart Tap (LST) The Uila Logging Smart Tap (LST) is deployed as a plug-in in a distributed manner across the Data Center on VMs/Physical Servers and Public Cloud in the VMs or Instances. It collects logs from the server and/or application and sends it to the Uila logging server for further analysis.

Getting Started

System Requirements

Always refer to the Uila website for updated system requirements as the first step: <u>https://www.uila.com/products/uila-system-requirements</u>

- Internet Browser for your monitoring console
 - Firefox, Chrome on Windows platform
 - Safari, Firefox, Chrome on OS X platform
 - o Firefox, Chrome on CentOS, Ubuntu Linux platform
- VMware version requirements
 - o vSphere ESXi 5.5 or higher
 - vCenter Server 5.5 or higher
- VMware[®] NSX requirement (if Applicable)
 - o NSX-V
 - o NSX-T[™] Data Center
- Uila Virtual Smart Tap (vST) requirements
 - o vST for On-Premise -
 - Installed as a guest VM
 - 1 vCPU (1 Core)
 - 1Gb memory
 - 2Gb Storage

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VIC for VMware requirements

- Installed as a guest VM
- 4 vCPU
- Memory:

Small VIC 24 GB RAM allocated (32 GB if using Horizon VDI integration) , 12GB RAM reserved, 50GB storage, thin provisioned: <1000 VMs, less than 200 Network Monitoring ports, less than 100 nodes for server monitoring

Medium VIC 32 GB RAM allocated (40 GB if using Horizon VDI integration), 16GB RAM reserved, 100GB storage, thin provisioned: 1000~2000 VMs, 200~400 Network Monitoring ports, 100~200 nodes for server monitoring

Large VIC 48 GB RAM allocated (56 GB if using Horizon VDI integration), 24GB RAM reserved, 200GB storage, thin provisioned: 2000~5000VMs, 400~600 Network Monitoring ports, 200-400 nodes for server monitoring

Proper vCenter access right is required for vIC to collect structural information and CPU, memory and storage metrics from vCenter, make configuration changes, deploy and setup vST VM. You must have one of the two options pre-configured before vIC deployment:

- 1. Full administrative access right (vCenter administrator role), or
- 2. Partial administrative access right with the following table of privileges enabled (checked).

Privilege Categories	Privilege Items
Datastore	Allocate space
	Browse datastore
	Remove file
Global	Cancel task
Host	 Local operations->Create virtual machine
	 Local operations->Delete virtual machine
	• Configuration \rightarrow Network Configuration
Network	Assign network
Resource	Assign virtual machine to resource pool

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•	Modify resource pool
Scheduled task •	Create tasks
•	Modify tasks
•	Remove tasks
•	Run task
Virtual machine •	Configuration
•	Guest Operations
•	Interaction
•	Inventory
•	Provisioning
•	Service configuration
•	Snapshot management
•	vSphere replication
dvPort group •	Create
•	Delete
•	Modify
vApp •	Add virtual machine
•	Assign resource pool
•	Assign vApp
•	Import



• UMAS (Uila Management & Analytics System) for VMware

- For small scale deployment (under 1000 devices including VM and external device): One-box UMAS (1 VM to host UMAS) with 4 vCPU, 48GB RAM allocated and 32GB reserved, 1TB for 1 month data retention

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- For medium scale deployment (1000~2000 devices including VM and external device) One-box UMAS (1 VM to host UMAS) with 4 vCPU, 64GB RAM allocated and 48GB reserved, 2TB for 1 month data retention

- For large scale deployment (2000~5000 devices including VM and external device) you need a Two-box UMAS (2 VMs to host UMAS):

Web UMAS: 4 vCPU, 48GB RAM allocated and 32GB reserved, 800GB DB UMAS: 4 vCPU, 48GB RAM allocated and 32GB reserved, 5TB

- For super-large scale deployment (greater than 5000 devices including VM and external device) Contact Uila to get customized System Requirements for your deployment

Visualizing Multiple VMware[®] vCenter[®] in a single view

Users can merge <u>two</u> separate VMware vCenter and enjoy a single pane of glass into the infrastructure, network and applications. One example of this would be a VDI setup where Virtual desktops are in one vCenter, while the VDI infrastructure servers and backend application servers are hosted in another vCenter. With this new feature, users have the complete end-to-end VDI Application Dependency Mapping visibility across the two vCenters.

• Network requirements

- Pre-allocate one IP address for each of the vST's, which can be either static IP address or allocated via DHCP, prior to deployment
- o Pre-allocate one static IP address for vIC prior to deployment
- o Pre-configure your network to open TCP and UDP ports to allow communications between Uila sub-systems as illustrated in the chart below.
- o UMAS –

 If Cloud UMAS is being used, add

ugw1s.uila.com/38.99.127.1 5 as permitted site on the firewall.

 Pre-allocate one static IP if the on premise UMAS is used.





Network connection overview for On-Premise Datacenter



Deploy Uila Management and Analytics System (UMAS)

This section describes the step-by-step instruction to download, install and activate UMAS.

- 1. An email with instructions to download UMAS and vIC will be provided by a Uila Support staff. The files are .ova templates that can be deployed onto vCenter.
- 2. Login to vCenter
- 3. Deploy UMAS ova in vCenter.

vm vSphere	e Client	Menu 🗸	Q Searc	h			
0 0	9 9	🔓 Porta	al-3.0-V		~		
 vecenter.mydat Developme Test-Fold Developme Production Production HA-Clust esxhc esxhc exhc o Orgat o Syste /vmfs APP-t 	tacenter.com nt der oppment 1 Actions - H 1 Add Host 1 New Virtt 2 New Resc 1 Deploy O	A-Cluster A-Cluster aual Machine purce Pool VF Template	Monitor e sole on of	Configure F Guest OS: Compatibility: VMware Tools: DNS Name: IP Addresses: Host: Δ	Cermissions Other 2.6.x LI ESX/ESXi 4.0 Running, vers More info localhost.loca 192.168.0.194 View all 2 IP a esxhost3	Datastores Inux (64-bit) and later (VM v sion:8384 (Uppra aldom addresses	Netwo rersion 7) ade availal
APP-L	New vAp Storage Host Prof	p iles ult VM Compatibili	►		6	HA-Cluster	
🔓 cloud 🔓 Contr 🔓 DB-LE	Settings	cense	-			esxhost3 Uila	
🔓 DB-LE 🔂 DB-LE 🔂 DBSe	Rename Tags & Cu	ustom Attributes	•		8	ds2_host3	
Recent Tasks	🗙 Delete						
Task Name	~	Target			~ Status		

4. Browse to locate UMAS ova file



Deploy OVF Template

Select a compute resource	
Review details	Enter a URL to download and install the OVF package from the Internet, or browse to a
Select storage	location accessible from your computer, such as a local hard drive, a network share, or a
Ready to complete	CD/DVD drive.
	http https://remoteserver-address/filetodeploy.ovf .ova
	O Local file
	Choose Files UMAS-3.0.ova

CANCEL BACK NEXT

5. Specify a name and location for the deployment template

Deploy OVF Template

~	1 Select an OVF template	Select a name and folder
	2 Select a name and folder	Specify a unique name and target location
	3 Select a compute resource	
	4 Review details	Virtual machine name: UilaUMAS
	5 Select storage	
	6 Ready to complete	Select a location for the virtual machine.
		✓
		> 📑 Development
		> Production
		> 🖻 VDI
		CANCEL BACK NEXT

- 6. Select the host/cluster location where the UMAS is to be deployed.
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Deploy OVF Template

✓ 1 Select an OVF template	Select a compute resource			
 2 Select a name and folder 	Select the destination compute resource for this operation	n		
3 Select a compute resource				
4 Review details	V I Production			
5 Select storage	> 🗍 HA-Cluster			
6 Ready to complete	> 📋 Standard-Cluster			
	Compatibility			
	 Compatibility checks succeeded. 			
	c	CANCEL	BACK	NEXT

7. Select the UMAS Configuration, Small, Medium or Large

Select an OVF template Select a name and folder	Configuration Select a deployment configuration		
3 Select a compute resource 4 Review details	Small Uila UMAS Deployment		Description
5 Configuration 5 Select storage	O Medium Uila UMAS Deployment		Datacenter enviroment with less than
7 Select networks	O Large Uila UMAS Deployment		1,000 VMs. Uila Management and Analytics (UMAS) will need 4 vCPU and
Ready to complete			maximum of 48GB memory.
		2 ltema	





8. Select the datastore for the UMAS VM and select disk format

Deploy OVF Template

 ✓ 1 Select an OVF template ✓ 2 Select a name and folder 	Select storage Select the storage for the cor	figuration and disl	k files		
 3 Select a compute resource 4 Review details 5 Select storage 6 Select networks 7 Customize template 8 Ready to complete 	Encrypt this virtual machin Select virtual disk format: VM Storage Policy: Name	e (Requires Key M Thick Datas	lanagement Server Provision Lazy Zero tore Default v Provisioned) Ded V	Туре
	datastore1	458.25 GB	1.15 TB	149.88 GB	VM
	datastore1 (1)	458.25 GB	790.99 GB	98.19 GB	VM
	ds2_host1	931.25 GB	792.99 GB	319.03 GB	VM
	ds2_host2	931.25 GB	282.99 GB	734.54 GB	VM
	ds2_host3	931.25 GB	456.89 GB	699.27 GB	VM
	lost3-local	458.25 GB	71.17 GB	410.42 GB	VM
	Compatibility	ceeded.			
			CANCEL	ВАСК	NEXT

9. Select a network port group where the UMAS can communicate with the vIC.

Deploy OVF Template ✓ 1 Select an OVF template Select networks 2 Select a name and folder Select a destination network for each source network. ✓ 3 Select a compute resource Source Network T Destination Network 4 Review details ✓ 5 Select storage Network 1 Uila-BW ✓ 6 Select networks 1 items 7 Customize template 8 Ready to complete IP Allocation Settings IP allocation: Static - Manual IP protocol: IPv4

CANCEL	ВАСК	NEXT	
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10. Select data partition size. The default is 1 TB

Deploy OVF Template	9	
 1 Select an OVF template 2 Select a name and folder 	Customize template	ftware solution
 ✓ 3 Select a compute resource 	Costomize the deployment properties of this st	ortware solution.
✓ 4 Review details	All properties have valid values	×
✓ 5 Configuration		
✓ 6 Select storage	 Uncategorized 	1 settings
✓ 7 Select networks	Select UMAS data partition size	Select data partition size in gigabytes (GB). Default is 1TB (1024GB).
8 Customize template		Recommend 2TB (2048GB) for Datacenter with 1,000 - 2,000 VMs and 4TB
9 Ready to complete		(4096GB) for Datacenter with more than 2,000 VMs.
		1024

11. Review all the settings and click finish.

 A Beview details Select storage G Select networks 7 Customize template 8 Ready to complete Provisioning type Deploy from template UilaUMAS Template name Uila-Management-Analytics-System_OVF10 Download size 1.5 GB Size on disk 825.0 GB Folder Production Resource HA-Cluster Location datastore1 Storage mapping All disks Datastore: datastore1; Format: Thick Provision Lazy Zeroed Network 1 Uila-BW IP allocation settings IP protocol IP V4 	 ✓ 1 Select an OVF template ✓ 2 Select a name and folder ✓ 2 Select a compute recourse 	Ready to complete Click Finish to start crea	ation.
 Select storage 6 Select networks 7 Customize template 8 Ready to complete 1 Template name Uila-Management-Analytics-System_OVF10 Download size 1.5 GB Size on disk 825.0 GB Folder Production Resource HA-Cluster Location datastore1 Storage mapping All disks Datastore: datastore1; Format: Thick Provision Lazy Zeroed Network mapping Network 1 Uila-BW IP protocol IP protocol 	 Select a compute resource 4 Review details 		
Y Customize template Name OliaDMAS Template name Uila-Management-Analytics-System_OVF10 Download size 1.5 GB Size on disk 825.0 GB Folder Production Resource HA-Cluster Location datastore1 Storage mapping 1 All disks Datastore1; Format: Thick Provision Lazy Zeroed Network mapping 1 Network 1 Uila-BW IP allocation settings IPV4	✓ 5 Select storage✓ 6 Select networks	Provisioning type	Deploy from template
Download size 1.5 GB Size on disk 825.0 GB Folder Production Resource HA-Cluster Location datastore1 Storage mapping 1 All disks Datastore1; Format: Thick Provision Lazy Zeroed Network mapping 1 IP allocation settings Uila-BW IP protocol IPV4	 ✓ 7 Customize template 8 Ready to complete 	Template name	Uila-Management-Analytics-System OVF10
Size on disk825.0 GBFolderProductionResourceHA-ClusterLocationdatastore1Storage mapping1All disksDatastore: datastore1; Format: Thick Provision Lazy ZeroedNetwork mapping1Interstore: datastore1; Format: Thick Provision Lazy ZeroedPerformanceInterstore: datastore: d	b Ready to complete	Download size	1.5 GB
FolderProductionResourceHA-ClusterLocationdatastore1Storage mapping1All disksDatastore: datastore1; Format: Thick Provision Lazy ZeroedNetwork mapping1Network 1Uila-BWIP allocation settingsIPV4		Size on disk	825.0 GB
ResourceHA-ClusterLocationdatastore1Storage mapping1All disksDatastore: datastore1; Format: Thick Provision Lazy ZeroedNetwork mapping1Network 1Uila-BWIP allocation settingsIIP protocolIPV4		Folder	Production
Locationdatastore1Storage mapping1All disksDatastore: datastore1; Format: Thick Provision Lazy ZeroedNetwork mapping1Network 1Uila-BWIP allocation settingsIIP protocolIPV4		Resource	HA-Cluster
Storage mapping1All disksDatastore: datastore1; Format: Thick Provision Lazy ZeroedNetwork mapping1Network 1Uila-BWIP allocation settings1IP protocolIPV4		Location	datastore1
All disks Datastore: datastore1; Format: Thick Provision Lazy Zeroed Network mapping 1 Network 1 Uila-BW IP allocation settings IP protocol IPV4		Storage mapping	1
Network mapping1Network 1Uila-BWIP allocation settingsIP protocolIP protocolIPV4		All disks	Datastore: datastore1; Format: Thick Provision Lazy Zeroed
Network 1 Uila-BW IP allocation settings IP protocol IP protocol IPV4		Network mapping	1
IP allocation settings IP protocol IPV4		Network 1	Uila-BW
IP protocol IPV4		IP allocation settings	
		IP protocol	IPV4

- 12. Once the system is deployed, power on the UMAS. Depending on the VMware environment this process may take several minutes.
- 13. Open the remote console to configure the UMAS virtual machine
 - Press "Y" to agree to the Software License Agreement
 - o Go through the setup wizard to setup IP configuration

Duila

Setup Network Configuration for Interface eth0 Setup DHCP for interface eth0 [y/n]? n Enter IP address: 192.168.1.221 Enter Subnet mask: 255.255.254.0 Enter Gateway: 192.168.0.1
Enter DNS IP (comma separated list): 192.168.0.5, 192.168.0.20
Enter NTP Server: 192,168,0,5
Setup Static Network Information:
IP : 192.168.1.221
MASK : 255.255.254.0
GATEWAY: 192.168.0.1
DNS : 192.168.0.5, 192.168.0.20
NTP : 192.168.0.5
Confirm? (y/n):_

 Go through the setup wizard setup Uila login account (This is the administrator account)



 Wait for a few minutes to install and once completed, you will see the login screen on the console –

Uila Management and Analytics System (UMAS) - OVA Version 4.0.0 uila-umas login: _

Now proceed to install the Virtual Information Controller (vIC).

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Deploy Virtual Information Controller (vIC)

This section describes the step-by-step instruction to download, install and activate vIC.

14. Deploy vIC.ova in vCenter



15. Browse to locate the vIC.ova file

Select an OVF template	Select an OVF template
Select a name and folder	Select an OVF template from remote URL or local file system
Select a compute resource	
Review details	Enter a ORL to download and install the OVF package from the internet, or browse to a
Select storage	location accessible from your computer, such as a local hard drive, a network share, or a
Ready to complete	CD/DVD arive.
	ORL
	http://remoteserver-address/filetodeploy.ovf .ova
	O Local file
	Choose Files VIC-3.0.0Va

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NEXT

CANCEL BACK



16. Choose name and folder location

Deploy OVF Template

 1 Select an OVF template 2 Select a name and folder 	Select a name and folder Specify a unique name and target location		
3 Select a compute resource 4 Review details	Virtual machine name: UilaVIC		
5 Select storage	Colort - Inortion for the without monthing		
ь кезаў to complete	Image: Select a location for the virtual mathine. Image: Venter.mydatacenter.com Image: Im		
	CANCEL	ВАСК	NEXT

17. Select the Compute Resource and click Next

Deploy OVF Template

✓ 1 Select an OVF template	Select a compute resource				
 2 Select a name and folder 	Select the destination compute resource for this operation				
3 Select a compute resource					
4 Review details	✓ In Production				
5 Select storage	V 🗍 HA-Cluster				
6 Ready to complete	esxhost1				
	 ☐ esxhost2 ☐ esxhost3 > ⊘ Organization vDC (4938fd1d-9f9a-4362-82cd-998543fff674) 				
	> 🥏 System vDC (7cdf4cfd-1bc4-4279-996c-75b742a7e17d)				
	Standard-Cluster				
	Compatibility				
	✓ Compatibility checks succeeded.				
	CANCEL BACK NEXT				



- 18. Review the details of the VIC and click Next
- 19. Select Uila deployment configuration, whether small, medium or large depending on the number of VM's in the environment.

 1 Select an OVF template 2 Select a name and folder 	Configuration Select a deployment configuration			
 3 select a compute resource 4 Review details 5 License agreements 6 Configuration 7 Select storage 8 Select networks 9 Customize template 10 Ready to complete 	Small Ulia Deployment Medium Ulia Deployment Large Ulia Deployment	Description Use Small Deployment configuration for Datacenter enviroment with less than 500 VMs. Uila Information Controller will need 2 vCPUs and maximum of 4 GB memory.		
	3 Items			

20. Select the datastore for the vIC and select disk format to be thin provisioned for more efficient usage of storage space.

Deploy OVF Template

Select a name and folder Select a compute resource	Select the storage for the con	figuration and disl	k files		
Review details	Encrypt this virtual machin	e (Requires Key M	lanagement Server		
License agreements	Select virtual disk format:	Thin F	This Provision		
Configuration	Select withdi disk format.		104131011	-	
Select storage	VM Storage Policy:	Datas	Datastore Default ~		
Select networks	Name	Capacity	Provisioned	Free	Туре
Customize template	datastore1	458.25 GB	1.15 TB	149.88 GB	VN
Ready to complete	🗐 datastore1 (1)	458.25 GB	790.99 GB	98.19 GB	VN
	ds2_host1	931.25 GB	792.99 GB	319.03 GB	VN
	ds2_host2	931.25 GB	282.98 GB	734.55 GB	VM
	ds2_host3	931.25 GB	456.89 GB	699.27 GB	VM
	host3-local	458.25 GB	71.17 GB	410.42 GB	VM
	Compatibility	ceeded.			
			CANCEL	ВАСК	NEX

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21. Select a network port group where the vIC can communicate with the vST and the UMAS.

Deploy OVF Templat	e			
✓ 1 Select an OVF template	Select networks			
 2 Select a name and folder 	Select a destination network for	each source n	etwork.	
✓ 3 Select a compute resource				
✓ 4 Review details	Source Network	т	Destination Network	т
✓ 5 License agreements	Network 1		Uila-BW	~
✓ 6 Configuration				1 itoms
✓ 7 Select storage				Titems
8 Select networks				
9 Customize template	IP Allocation Settings			
10 Ready to complete				
	IP allocation:	Stat	tic - Manual	
	IP protocol:	IPv4	1	

22. Review all the settings and click finish.

1 Select an OVE template	Click Finish to start creati	on.
2 Select a name and folder		
3 Select a compute resource	Provisioning type	Deploy from template
4 Review details		
 5 License agreements 	Name	UilaVIC
6 Configuration	Template name	uila-vim_OVF10
7 Select storage	Download size	1.8 GB
 9 Customize template 	Size on disk	3.6 GB
10 Ready to complete	Eolder	Draduation
	Folder	Production
	Resource	HA-Cluster
	Location	datastore1
	Storage mapping	1
	All disks	Datastore: datastore1; Format: Thin Provision
	Network mapping	1
	Network 1	Uila-BW
	IP allocation settings	
	IP protocol	IPV4
	IP allocation	Static - Manual

23. Once the system is deployed, power on the vIC. Depending on the VMware environment this process may take several minutes.

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CANCEL

ВАСК



24. Open the remote console to configure the VIC virtual machine

- Press "Y" to agree to the Software License Agreement
- Go through the setup wizard to setup IP configuration

```
Setup Network Configuration for Interface eth0
Setup DHCP for interface eth0 [y/n]? n
Enter IP address: 192.168.0.50
Enter Subnet mask: 255.255.254.0
Enter Gateway: 192.168.0.1
Enter DNS IP: 192.168.0.20
Enter NTP Server:
Setup Static Network Information:
  IP
       : 192.168.0.50
        : 255.255.254.0
  Mask
  GATEWAY: 192.168.0.1
  DNS
       : 192.168.0.20
  NTP
Confirm? (y/n):_
```

• In case of on-prem installation, type "n" for portal service

Setup Uila Software ... Is vIC using Uila Portal Service? [y/n]

Enter IP and login information for UMAS –

```
Setup Uila Software ...
Is vIC using Uila Portal Service? [y/n] n
Enter Uila Management Analytics System (UMAS) IP Address: 192.168.0.49
Please enter the Login ID and password during setup of UMAS
Uila Login: admin
Uila Password:
Confirm Password:
```

Enter the vCenter login credentials

```
Setup UMware vCenter Login Credentials.
Enter UMware vCenter Login Server: 192.168.0.151
vCenter Login (example@domain.local): administrator@vsphere.local
vCenter Password:
Confirm Password:
Completing the installation. It may take a while ...
```

25. Once you see the login screen, the installation is complete

Now proceed to install the Virtual Smart Tap (vST)



Contact Uila Support

Uila software solutions are designed with ease of installation and simplified maintenance in mind. The Uila team is dedicated to exceeding your expectations, and knows that any downtime is too much in today's competitive world. Our goal is to keep your applications running 24 X 7. We offer a simple and effective support program to meet your needs. Customers who purchased Uila products and under support contract will receive the following benefits:

- Unlimited support via email or phone call
- Free software minor release update
- Free software major release upgrade

Email: <u>support@uila.com</u> Phone: (408) 400-3706

About Uila

Uila resolves Complex IT Disruptions for Enterprise Organizations with its Intelligent Full-Stack Observability Platform, that correlates Application and Infrastructure Performance to isolate and remediate issues before business impact. With Uila, IT teams can visualize application workload dependencies across cloud platforms, rightsize infrastructure resources, troubleshoot disruptions for any onsite or remote VDI user due to application/network/infrastructure challenges, plan workload migration strategies for Cloud deployments and use AIOps to streamline troubleshooting and reduce MTTR with remediation actions. And most importantly, this is done WITHOUT any agents. Uila also allows security teams to combat advanced cyber threats, by providing comprehensive application anomaly insights, cyber threats & Data Exfiltration activities. Organizations use Uila to align themselves with their IT teams and cut MTTR from days to minutes to always keep End-User Experience at peak performance & secure, across cloud boundaries.