

Setting up a VMWare Virtual Sensor

https://campus.barracuda.com/doc/96772190/

Setting up a VMWare virtual sensor requires several steps. Follow the procedures below:

- To download the VMWare virtual sensor OVA
- To set up the VMWare ESXi virtual SPAN port
- To set up VMWare ESXi virtual machines

After you have followed these procedures, contact your Barracuda XDR representative to complete the setup.

To work properly, the host must have 2 Network Interface Cards.

The virtual sensor files are large and can take over 100GB of memory when unzipped.

To download the VMWare virtual sensor OVA

- 1. In **Barracuda XDR Dashboard**, click **Downloads > Virtual Sensors**.
- 2. In the **Step 2** box, select **VMWare**.
- 3. Click one of the following buttons:
 - VMWare OVA
 - VMWare OVA (Large)
 - The OVA downloads.

To set up the VMWare ESXi Virtual SPAN port

- 1. In VMWare ESXi, navigate to Networking > Virtual switches > Add Standard virtual switch.
- 2. Type a name for the VSwitch.
- 3. In **Uplink 1**, select the physical NIC the span/mirror port is connected to.



Add uplink		
vSwitch Name	vSwitch2	
MTU	1500	
Uplink 1	vmnic5 - Down	0
Link discovery	Click to expand	
Security	Click to expand	

- 4. Click **Add**.
- 5. Under Port groups, select Add port grou p.
- 6. Type a name for the **port group**.

Best Practice

The suggested name for the **port group** is **SPAN**.

- 7. In VLAN ID, type 4095.
- 8. Under **Security**, do the following:
 - In **Promiscuous**, enable **Accept**.
 - In MAC Address changes, enable Inherit from vSwitch.
 - In Forged transmits, enable Inherit from vSwitch.

Name	SPAN
	0
Virtual switch	vSwitch2
Security	
Promiscuous mode	Accept Reject Inherit from vSwitch
MAC address changes	CACCEPT Reject Inherit from vSwitch
Forged transmits	CAccept CReject Inherit from vSwitch

9. Click Add.

To set up VMWare ESXi virtual machines

1. In VMWare ESXi, navigate to Virtual Machines, select Create/Register VM.

The Create / Register VM

- 2. Click Next.
- 3. On the Select creation type page, click Deploy a Virtual machine from an OVF or OVA file.

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2 Select OVF and VMDK files 3 Select storage	Select creation type How would you like to create a Virtual Machine?			
4 License agreements 5 Deployment options	Create a new virtual machine	This option guides you through the process of creating a virtual machine from an OVF and VMDK files.		
6 Additional settings	Deploy a virtual machine from an OVF or OVA file			
		Ç.		

4. Select SKOUT-CPA-4.0-VMware.ova.

5. Click **Next**.

The wirtual machine - sensor1									
1 Select creation type 2 Select OVF and VMDK files 3 Select storage	Select storage Select the storage type and datastore								
4 Deployment options 5 Ready to complete	Standard Persistent Memory Select a datastore for the virtual machine's	configuratio	n file	s and all of	its' virtual d	isks.			
	Name	Capacity	~	Free	~ Type	~	Thin pro ~	Access	~
	datastore1	1.81 TB		1.61 TB	VMFS	6	Supported	Single 1 iter	ns
vm ware [.]									
				C	Back	Ne	at Finis	h .	Cancel

- 6. On the **Select storage** page, click **Next**.
- 7. On the **Deployment options** page, do the following:
 - In Customer Network, select VM Network.
 - In **SPAN**, select **span**.



1 Select creation type 2 Select OVF and VMDK files. 3 Select storage 4 Deployment options 5 Ready to complete	Deployment options Select deployment options				
	Network mappings	Customer Netwo	k VM Network	•	
	Disk provisioning	Thin Thick			
	Power on automatically	0			

8. Click Next.

Select OVF and VMDK files Select storage	Ready to complete Review your settings selection b	vefore finishing the wizard			
Deployment options	Product cpa-light				
Neady to complete	VM Name	sensor1			
	Disks	s cpa-light-disk1.vmdk			
	Datastore	datastore1			
	Provisioning type	Thin			
	Network mappings	Customer Network: VM Network, SPAN: span			
	Guest OS Name Unknown				
	Do not refresh yo	our browser while this VM is being deployed.			

9. On the **Ready to complete** page, click **Finish**.

What's Next

To finish the set up, contact your Barracuda XDR representative.

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Figures

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