



Creating a Qualys Lab Environment

Qualys Community Edition allows up to 16 IP Addresses to be scanned to demonstrate the product's capability. Once an account is set up, you can specify the IP addresses you would like to scan by using a comma separated list. A local scanner is needed. To create one you can select the desired hypervisor and download a pre-installed image.

As I am installing on Hyper-V, I was provided with a .vhdx. To create the VM they recommend 4 vCPU and 8 GB. This does need to be a Generation 1VM. Upon first boot you will need to enter the personalization code provided with the download. Once the personalization code is entered the system will automatically start updating and phone home back to Qualys where it will report in the version.

Heartbeat Checks Missed	Scanning Engine Version	Latest Signature Version	Available Capacity
0	14.7.19-1 	2.6.342-2 	0%

Once the updates are complete you can view the DHCP address received and configure network settings. At this point the Qualys cloud console should show the scanning engine version and signature version are up to date as well as reflect the static IP.

Name: Lab-Scanner, LAN IP: 172.17.3.140

Set up network (LAN) >	Enable static IPv4 config >	LAN address	172.17.3.25
Enable proxy >	Renew DHCP on LAN >	LAN prefix	24
Reset network settings >	Enable VLAN on LAN >	LAN gateway	172.17.3.1
System shutdown >		LAN DNS1	172.17.3.50
System reboot >		LAN DNS2	0.0.0.0
Version: 3.19.66.4.1.64-4		LAN WINS1	0.0.0.0
Exit this menu? (Y/N)		LAN WINS2	0.0.0.0
		WINS domain	
		Apply static IPv4 configuration on LAN? (Y/N)	

TIP:

This menu is to configure a static IPv4 address for the scanner on the LAN interface.
Press UP/DOWN arrow keys to select input fields. When entry is highlighted, text can be typed over.
Use the LEFT, RIGHT, HOME and END keys to scroll within each input field.
To apply changes, select the last menu item and type 'Y' to configure static IPv4 address.

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