



Qualys Network Passive Sensor v1.x

Release Notes

Version 1.1

April 2, 2020

This new release of the Qualys Network Passive Sensor includes improvements and new features.

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Qualys Network Passive Sensor (PS)

Hyper-V Support

Now, you can deploy the image on Microsoft Hyper-V. Microsoft Hyper-V monitors the network activity without any active probing of the device in order to detect the active assets on the network. It identifies the key device attributes that help the web services on the cloud to catalog the devices into operating system/hardware.

Refer [Qualys Network Passive Sensor Virtual Appliance User Guide](#) for deployment details.

← New Virtual Sensor

STEPS 2/3

1 Register Sensor


2 Deploy Image

3 Define Internal Assets

active assets in the network. It identifies the key device attributes that help the web services on the cloud to catalog the devices into operating system/hardware.

Download Image

ESXi Server
Requirements: 50 GB HDD, 16 GB Memory, Octa-Core with total 14 GHz dedicated CPU clock processor
VMWare ESXi version 6.0-6.7




Download

Image Deployment Instructions

Hyper-V Server
Requirements: 50 GB HDD, 16 GB Memory, Octa-Core with total 14 GHz dedicated CPU clock processor

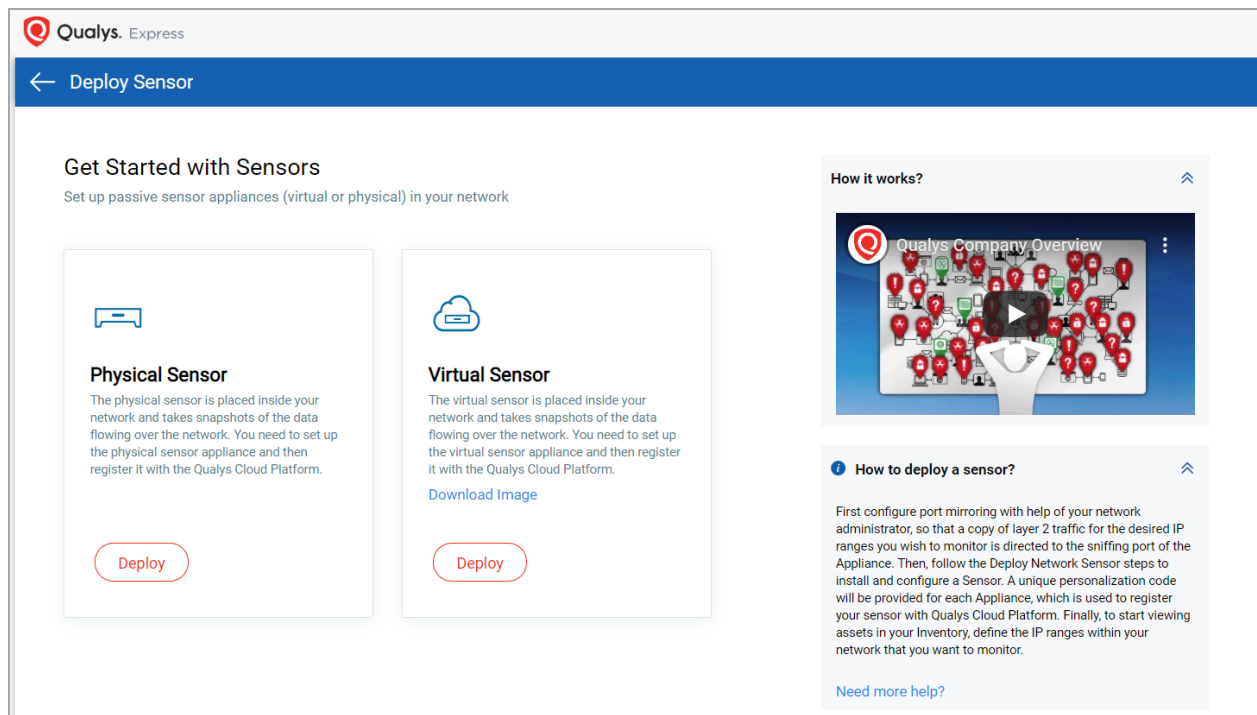
This version of Virtual Network Passive Sensor should be installed on a hardware platform that has at least one intel NIC (list of support adapters). That NIC needs to be connected to sniffing interface of the NPS virtual appliance directly in Pass-through mode without any virtual switch.



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Home Page Changes

“Download Image” link button is removed from Home > Deploy Sensor.



Asset Tagging

You'll be able to apply tags to the selected range of IP addresses of the network scanners. These are the dynamic tags created with 'IP Address In Range(s)' or 'IP Address In Range(s) + Networks' rule engine.

The screenshot shows the 'Define Internal Assets' configuration page. The page has a blue header and a white main area. The title 'Define Internal Assets' is followed by a description: 'Define the IP ranges within your network that you want to monitor. These IP addresses will be individually tracked for traffic analysis.' Below this is another paragraph: 'The passive sensor sees all the traffic that you have mirrored. However, by defining internal asset ranges, you choose the assets you want to monitor and report on.'

There are two radio buttons: 'Use Default Internal Ranges' (selected) and 'Custom Ranges'. Below this is a 'Sensor' section with a dropdown menu 'Select one or more Sensors...'. Underneath, three IP ranges are listed: '192.168.0.0/16', '172.16.0.0/12', and '10.0.0.0/8'. Below the IP ranges is a 'Type' dropdown menu set to 'DHCP'. There is a checkbox 'Inventory these assets' which is checked. At the bottom of the main form are 'Cancel' and 'Save' buttons.

A 'Tag Selector' modal is open on the right side. It has a blue header with the title 'Tag Selector' and a close button. Inside the modal, there is a search bar 'Contains text search...'. To the right of the search bar, it says '49 Tags'. Below the search bar, there is a list of tags. The first tag is 'groove'. The second tag is 'software' and it is checked. At the bottom right of the modal is an 'Assign Tag' button. A red arrow points from the 'Add Tag' button in the 'Apply Following Tags' section of the main form to the 'Tag Selector' modal.

Define Internal Assets

Define the IP ranges within your network that you want to monitor. These IP addresses will be individually tracked for traffic analysis.

The passive sensor sees all the traffic that you have mirrored. However, by defining internal asset ranges, you choose the assets you want to monitor and report on.

☒ Use Default Internal Ranges ☐ Custom Ranges

Sensor

Select one or more Sensors...

192.168.0.0/16
172.16.0.0/12
10.0.0.0/8

Type

DHCP

☒ Inventory these assets ?

Apply Following Tags

Business Units Add Tag

Cancel Save

Tag Selector

Contains text search...

49 Tags

1 - 49 of 49

TAGS

groove

☒ software

Assign Tag