

SPECIFICATIONS

LIVENX 7.2

LIVENX 7.2 DEPLOYMENT OPTIONS

LiveNX 7.x components can be deployed via the following method: OVA packages

Component	Virtual Appliance Option
Server	All-in-one Server OVA
Client	Client software for Mac OS, Win 32-bit and 64-bit
Node (optional)	Node OVA
LiveSensor (optional)	LiveSensor OVA
LiveAnalytics Node (optional)	LiveAnalytics OVA

LIVENX-SERVER-SIZING – DETAILS

All-in-One Server OVA, Node OVA and Hyper-V Deployments

LiveNX Server primarily deploys on ESXi. The Server has a built-in Node as well as HTML User Interface and is fully operational right out of the box. The Server operating system runs on a Linux platform.

Custom Deployment	Small Deployment	Medium Deployment	Large Deployment
<p>Used for less than 25 devices or less than 25k flows/sec.</p> <p>Installation for non-server installations (Laptops, Desktops, etc.). (Size not available for Node OVA)</p> <p>Specifications: 8vCPU Xeon or i7 16GB RAM LiveNX Server Max Heap Size 8GB 500GB Data Disk *</p>	<p>Used for less than 100 devices or lesser than 100k flows/sec</p> <p>Installation for server environments with Hyper-V Manager/VMware Hypervisors/ESX(i)</p> <p>Specifications 8vCPU Xeon or i7 16GB RAM LiveNX Server Max Heap Size 8GB 2TB Data Disk *</p>	<p>Used for 100 to 500 devices or lesser than 200k flows/sec</p> <p>Installation for server environments with Hyper-V Manager/VMware Hypervisors/ESX(i)</p> <p>Specifications 16vCPU Xeon or i7 32GB RAM LiveNX Server Max Heap Size 16GB 4TB Data Disk *</p>	<p>Used for 500 to 1000 devices or greater than 200k flows/sec</p> <p>Installation for server environments with Hyper-V Manager/VMware Hypervisors/ESX(i)</p> <p>Specifications 32vCPU Xeon or i7 64GB RAM LiveNX Server Max Heap Size 31GB 8TB Data Disk *</p>
<p>Data Disk Size is minimum recommendation. Storage can be expanded by adding additional disk. Server IOPS Recommendation LiveNX 7.1 - 1000 IOPS Read and 4500 IOPS Write Virtual NICs on OVA are utilizing E1000</p>			

LIVENX-CLIENT-SIZING – DETAILS

The client application can be run via Web Start directly from the LiveNX Web Server or can be installed as a 64-bit client application for Windows or Mac. For large scale deployments, the client application installer is recommended as it can scale and perform to higher capacity than the Web Start versions.

Custom Deployment	Small Deployment	Medium Deployment	Large Deployment
Windows 7, 8, 10 or Mac OSX 64-bit OS 4 Cores 8 GB RAM Web browser: IE11 and higher, Firefox, Chrome and Safari			
Components <ul style="list-style-type: none"> • Java JDK `1.8.0_152` • NodeJS `v6.12.2` • MongoDB `3.4.0` • InfluxDB `1.3.9` • PM2 `1.1.3` 			

CISCO DEVICE SUPPORT

ISR Series Routers: 800, 1700, 1800, 1900, 2600, 2600XM, 2800, 2900, 3600, 3700, 3800, 3900, 4300, 4400, 7200, 7600	7200 & 7600 Series Routers	Cisco Nexus Switches (Nexus 3000, 7000 & 9000 Series)
ASR 1000 Series Routers, CSR 1000V	Cisco AnyConnect Network Visibility Module on Windows and Mac OS X Platforms	Cisco Catalyst 3650, 3850 & 4500-X Series switches are supported. (Limited LiveNX QoS Monitor support on Layer 3-routable interfaces and VLANs depending upon Cisco hardware capabilities.)
ASR 9000 Series Routers (Recommend IOS versions 12.3 or higher or 15.0 or higher for use with the software (IOS XE 2.6.0 or higher for ASR 1000 series). Earlier IOS versions may also work, but are not officially supported. General-release IOS versions are recommended, although early-and limited-release versions will also work with LiveNX.)	Cisco ASA 5500 Series Firewalls	Cisco AnyConnect Network Visibility Module on Windows and Mac OS X Platforms
Cisco Meraki MX Security Appliance	Cisco NetFlow Generation Appliance	Viptela vEdge Devices

OTHER DEVICE SUPPORT – FLOW

Adtran NetVanta Series Routers	Gigamon GigaSMART	Ntop nProbe
Alcatel-Lucent Routers	Hewlett-Packard Enterprise Procurve Series Switches	Palo Alto Networks Firewalls
Brocade Series Routers	Ixia's Network Visibility Solution	Riverbed SteelHead WAN Optimization Controllers
Checkpoint Firewall	Juniper MX Series Routers	Silver Peak WAN Optimization Controllers
Extreme Network Switches	Netscaler LoadBalancer	Viptela vEdge Routers
		Ziften ZFlow
Adtran NetVanta Series Routers	Cisco Meraki MX Security Appliance	Ixia's Network Visibility Solution
Alcatel-Lucent Routers	Cisco NetFlow Generation Appliance	Juniper MX Series Routers