



## **Citrix XenServer Monitoring Configuration Guide**

### **Goliath Performance Monitor v11.7**

(v11.7)

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Citrix XenServer Configuration Guide

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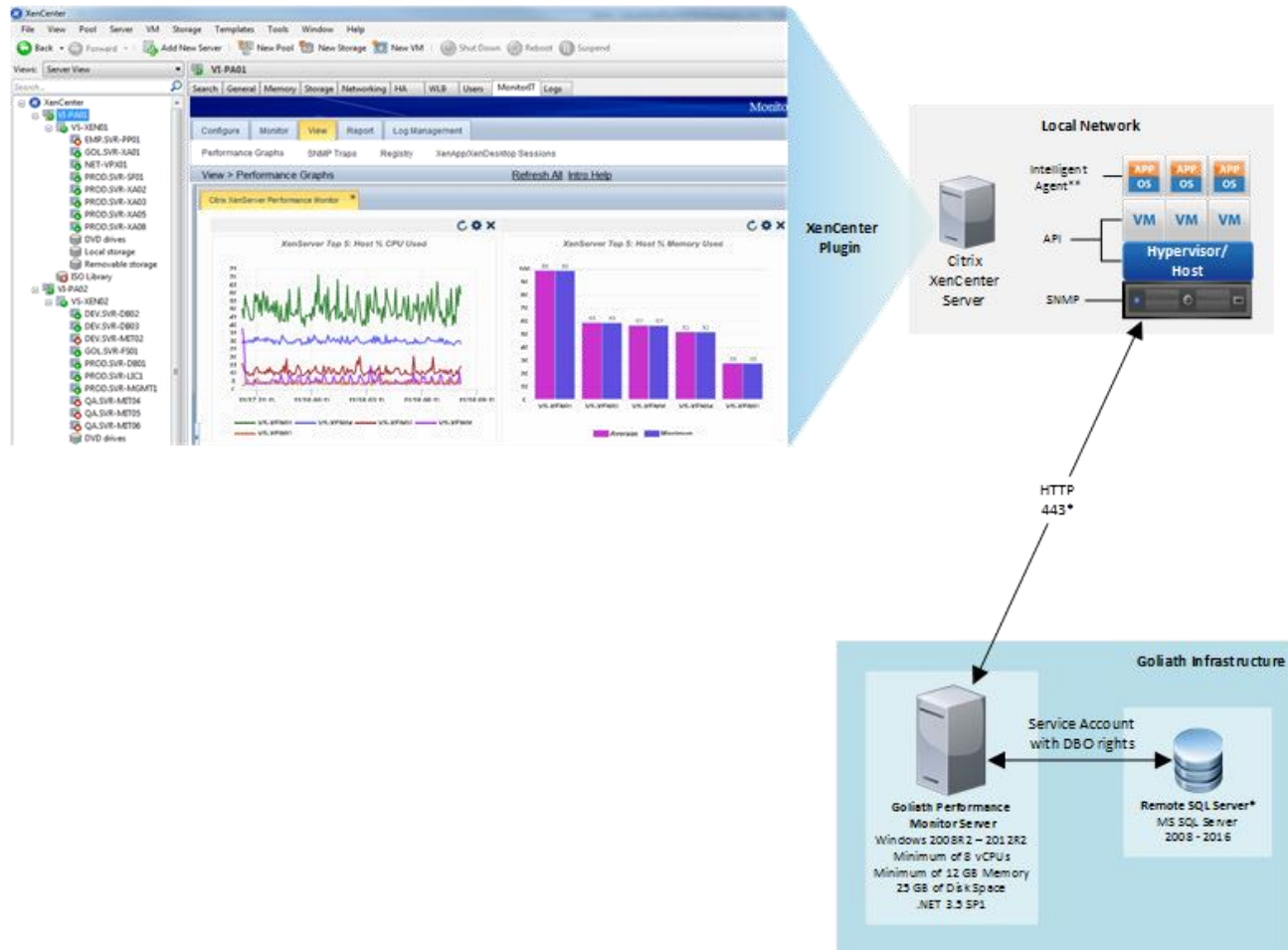
**Note:** A valid support agreement is necessary to receive new release and software updates.

# Table of Contents

- I. Deployment Architecture.....4
- II. Citrix XenServer Configuration Prerequisites for Goliath Performance Monitor .....5
- III. Configure Citrix XenServer Monitoring .....5
  - A. Configure Citrix XenServer API Integration .....6
  - B. Enable Citrix XenServer Storage Monitoring .....8
  - C. Enable Citrix XenServer NVIDIA Grid Monitoring .....8

## I. Deployment Architecture

This diagram shows how the Citrix XenServer connects to Goliath Performance Monitor.



## II. Citrix XenServer Configuration Prerequisites for Goliath Performance Monitor

**Table 1 – Citrix XenServer Requirements for Goliath Performance Monitor**

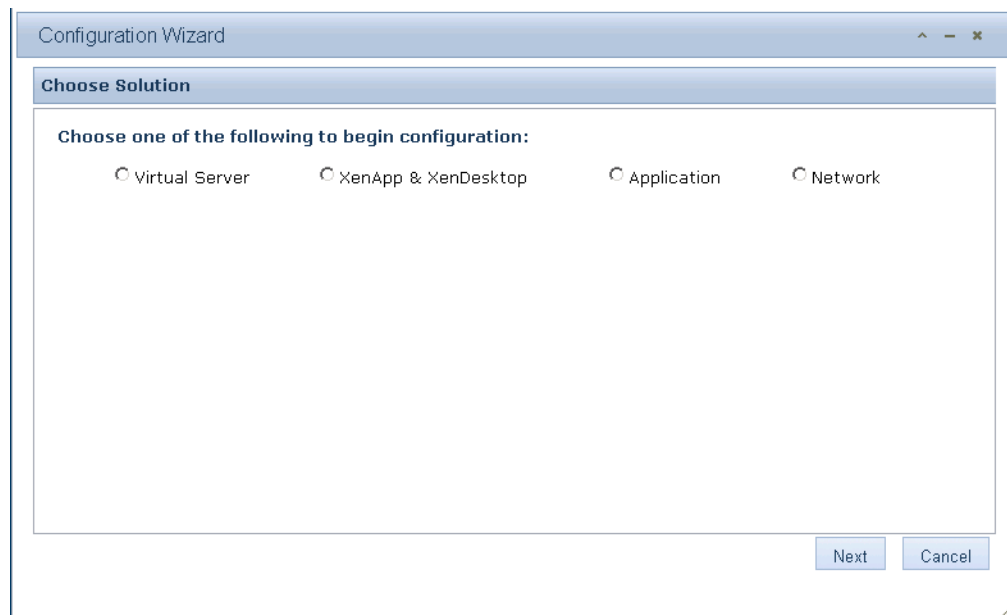
Citrix XenServer	API Integration: Root account needed XenServer Version: 5.5 to 7.6
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## III. Configure Citrix XenServer Monitoring

This section will walk you through the discovery and configuration process for adding Citrix XenServer, its subsequent virtualized guest machines and storage to your Goliath Performance Monitor inventory.

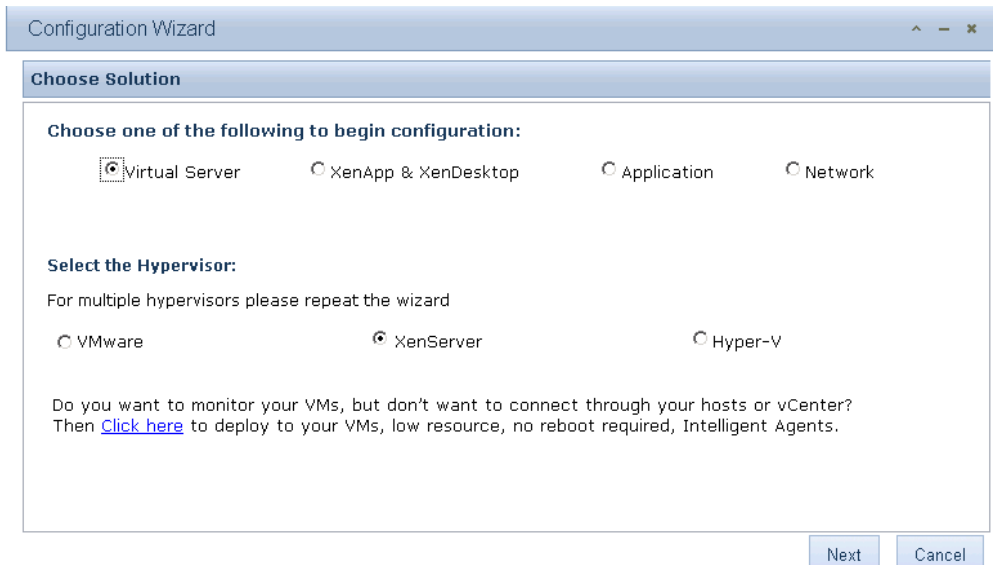
For step-by-step instructions on configuring the Goliath Performance Monitor Plug-in for Citrix XenServer please see Appendix A.

**Note:** It is recommended to begin by configuring your virtual hosts before deploying Agents. This will populate your Goliath Performance Monitor inventory with all the relative guest VMs and storage per host.



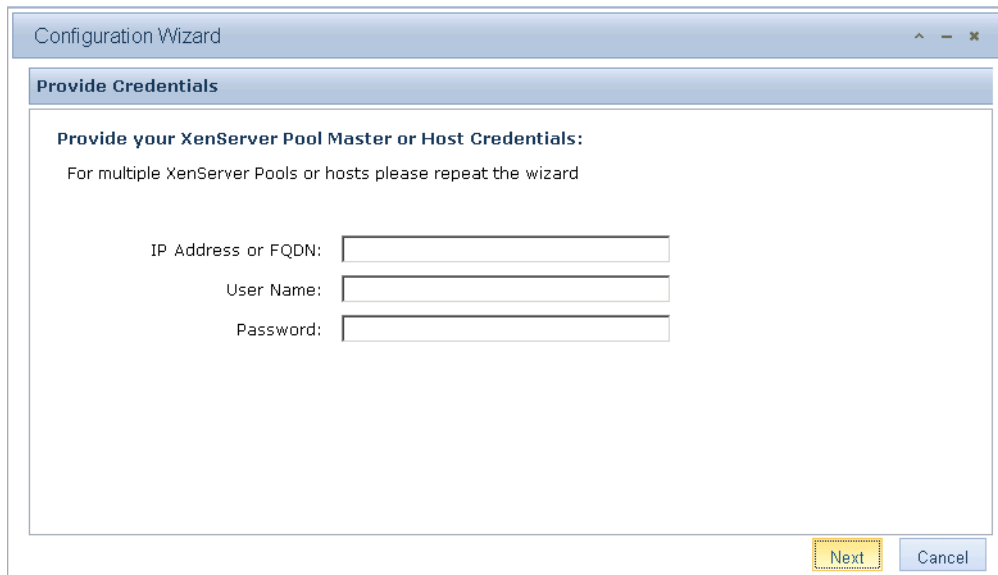
## A. Configure Citrix XenServer API Integration

1. From the **'Configuration Wizard'**, select the icon for **'Virtual Server'**
  - a. Please note, you can get to the Configuration Wizard by going to 'Settings' in the top right hand corner, and then selecting 'Configuration Wizard' under the 'Inventory' Section. If you are running version 11.7.5.6 or older, this will be in the 'Tools' section labeled as 'First Time Run Wizard'
2. Check **'XenServer'** and then select the **'Next'** button



The screenshot shows the 'Configuration Wizard' window with the 'Choose Solution' tab selected. The window title is 'Configuration Wizard'. The main heading is 'Choose one of the following to begin configuration:'. There are four radio button options: 'Virtual Server' (selected), 'XenApp & XenDesktop', 'Application', and 'Network'. Below this, the heading is 'Select the Hypervisor:'. A note says 'For multiple hypervisors please repeat the wizard'. There are three radio button options: 'VMware', 'XenServer' (selected), and 'Hyper-V'. A note at the bottom says 'Do you want to monitor your VMs, but don't want to connect through your hosts or vCenter? Then [Click here](#) to deploy to your VMs, low resource, no reboot required, Intelligent Agents.' At the bottom right are 'Next' and 'Cancel' buttons.

3. You will be prompted for the connection information on the **'Provide Credentials'** page:



The screenshot shows the 'Configuration Wizard' window with the 'Provide Credentials' tab selected. The window title is 'Configuration Wizard'. The main heading is 'Provide your XenServer Pool Master or Host Credentials:'. A note says 'For multiple XenServer Pools or hosts please repeat the wizard'. There are three input fields: 'IP Address or FQDN:', 'User Name:', and 'Password:'. At the bottom right are 'Next' and 'Cancel' buttons.

4. Select **'Next'** once completed

5. Select the **'Hosts'** that you wish to add for monitoring and select **'Next'**

	Host Name	Memory	CPU Count	CPU Speed	Version
<input type="checkbox"/>	VS-XEN01	12 GBs	4	2660	6.1.0; 59235p

6. Select the option **'Finish'** and then **'Next'**. Then the button **'Finish'** to return back to the **'Monitor Dashboard'** screen

How would you like to continue?

☒ Repeat Virtual      ☐ Install Agents      ☐ Finish

**Note:** At this point you may continue to add additional hosts by selecting **'Repeat Virtual'** to repeat the wizard steps to add additional servers.

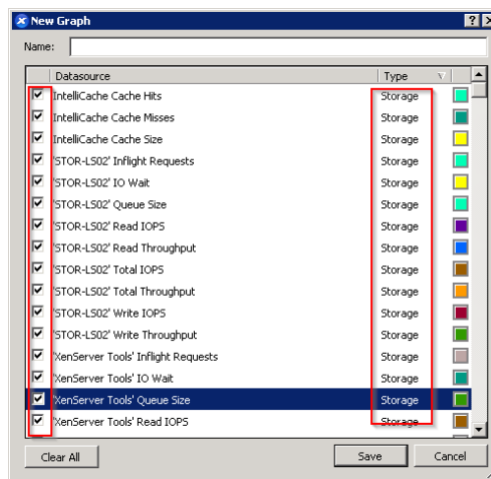
## B. Enable Citrix XenServer Storage Monitoring

In order to start collecting information on your host and VM storage, please make sure the following is enabled.

1. Log into Citrix XenCenter
2. Select a host where you want to enable/confirm storage metric collection
3. Click the **'Performance'** tab



4. Select **'Actions'** and then **'New Graph'**
5. Name the graph **'Storage Performance'**, sort the list by type (Z->A), and select all datasources with a type of **'Storage'**



6. When finished, select **'Save'**
7. Repeat these steps for all of the hosts that you will be monitoring in Goliath Performance Monitor

## C. Enable Citrix XenServer NVIDIA Grid Monitoring

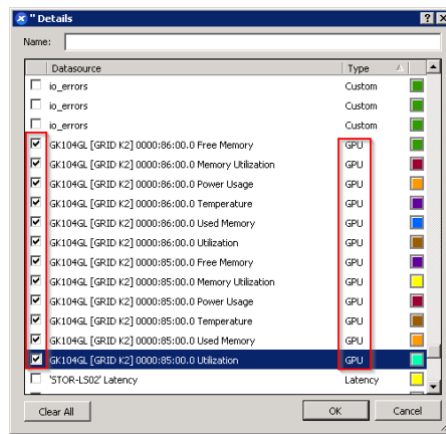
In order to start collecting GPU information on your hosts, please make sure the following is enabled.

1. Log into Citrix XenCenter
2. Select a host where you want to enable/confirm NVIDIA Grid metric collection
3. Click the **'Performance'** tab



4. Select **'Actions'** and then **'New Graph'**
5. Name the graph **'NVIDIA Performance'**, sort the list by type (A->Z), and select all datasources with a type of **'GPU'**





6. When finished, select **'Save'**
7. Repeat these steps for all of the hosts that you will be monitoring in Goliath Performance Monitor