GOLIATH TECHNOLOGIES

Citrix XenServer Monitoring Configuration Guide

Goliath Performance Monitor v11.7

(v11.7)

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Citrix XenServer Configuration Guide

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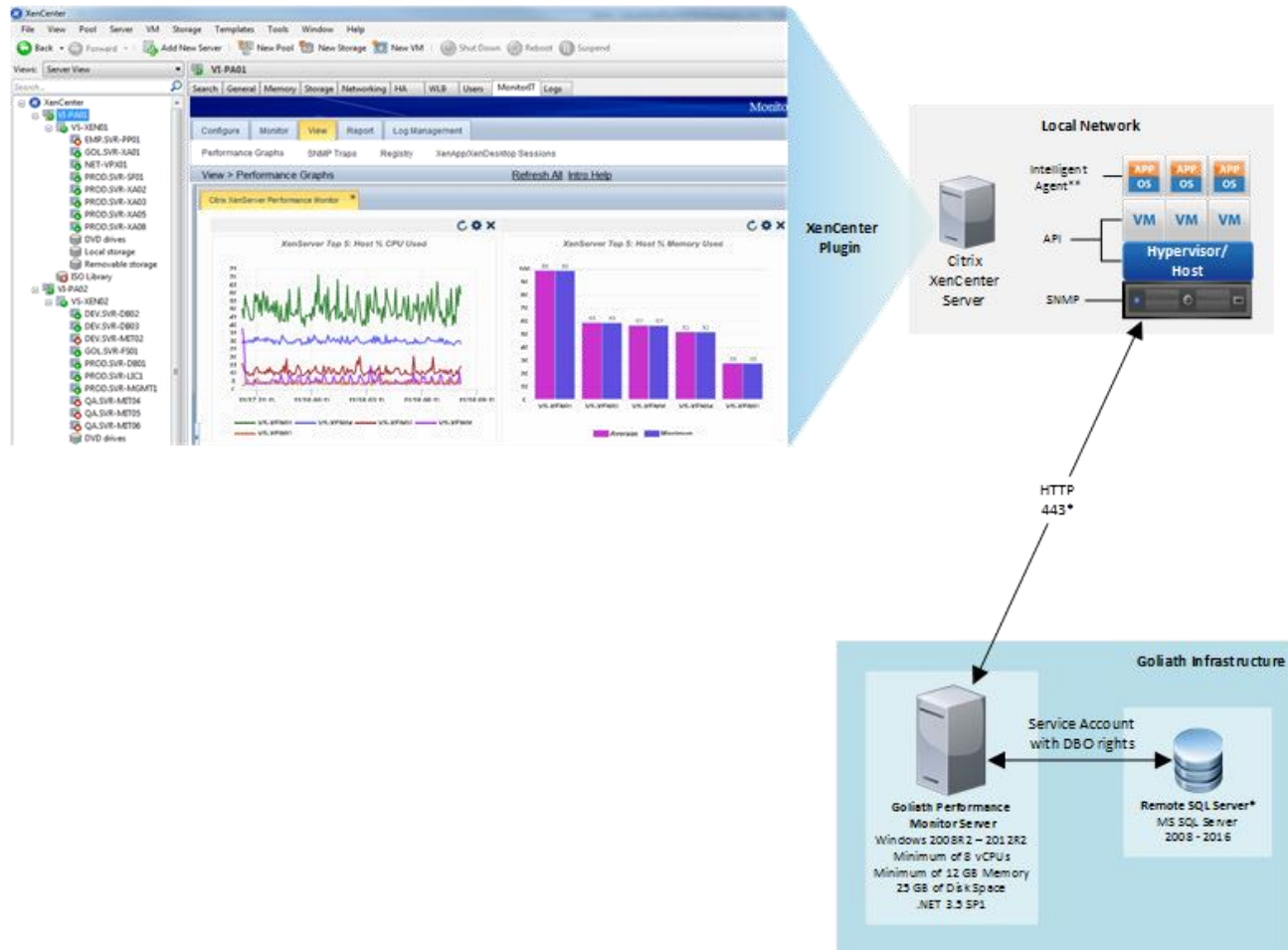
Note: A valid support agreement is necessary to receive new release and software updates.

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I. Deployment Architecture

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

II. Citrix XenServer Configuration Prerequisites for Goliath Performance Monitor

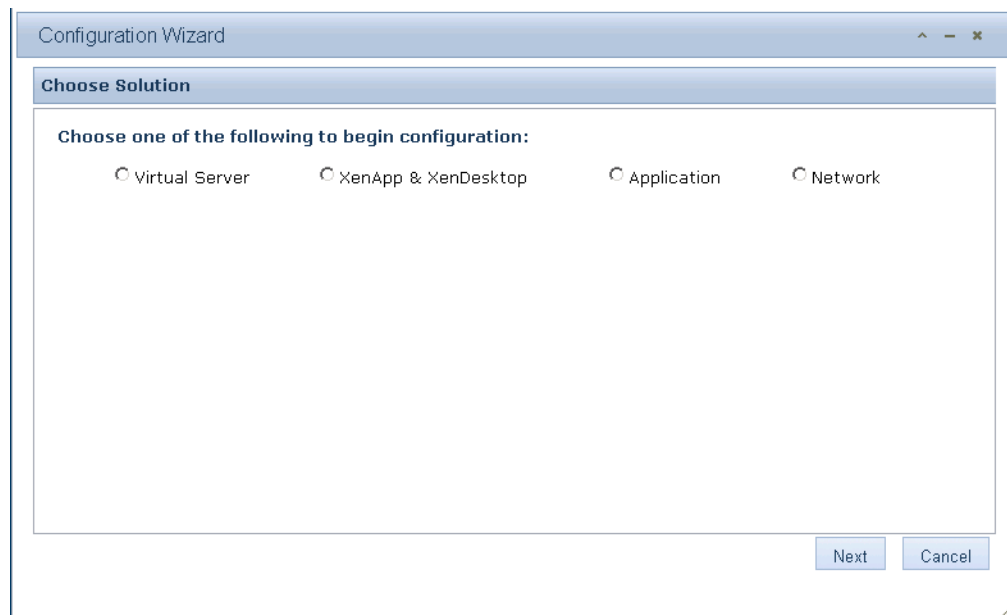**Table 1 – Citrix XenServer Requirements for Goliath Performance Monitor**

Citrix XenServer	**API Integration:** Root account needed **XenServer Version:** 5.5 to 7.6

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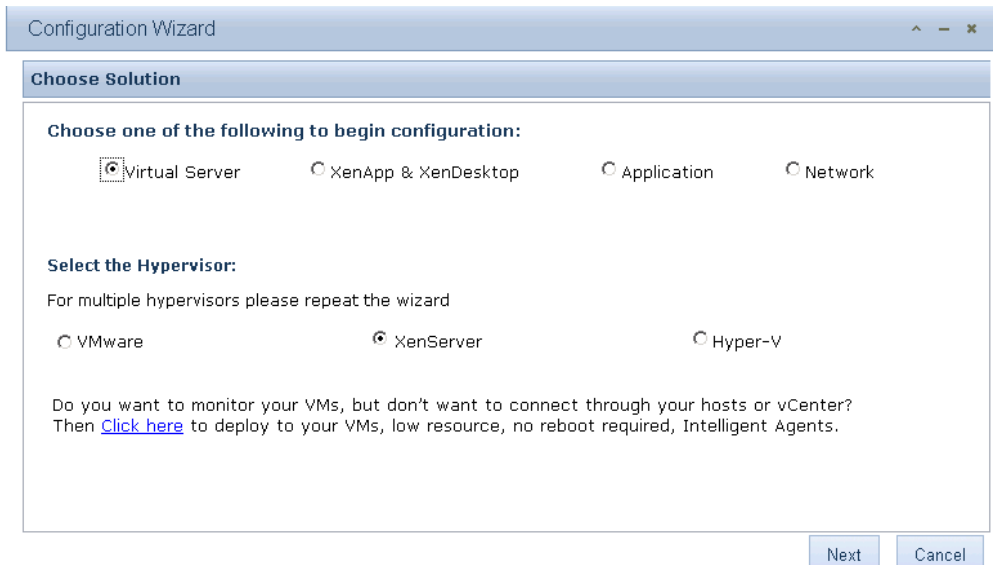
For step-by-step instructions on configuring the Goliath Performance Monitor Plug-in for Citrix XenServer please see Appendix A.

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.
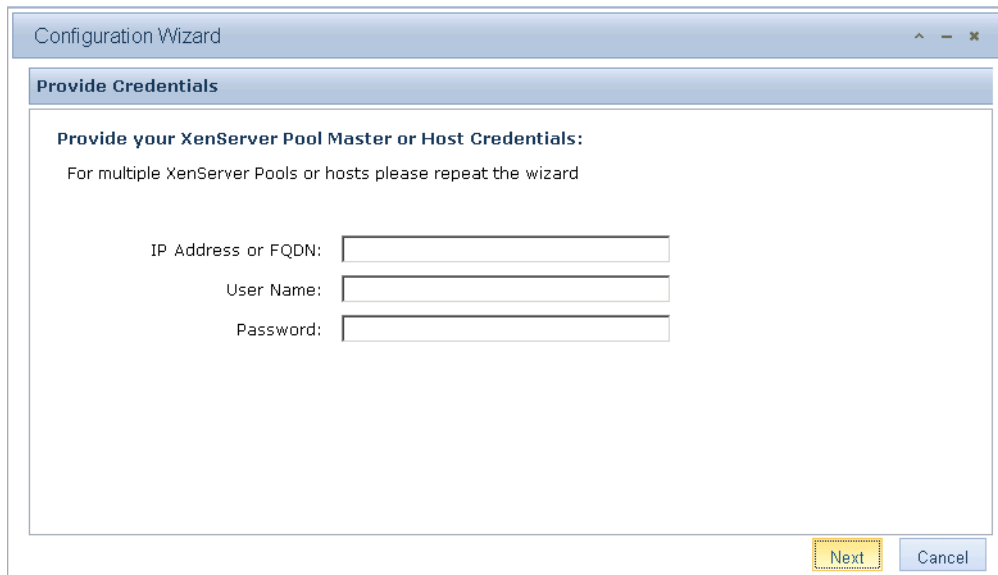
A. Configure Citrix XenServer API Integration

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

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

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

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

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

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

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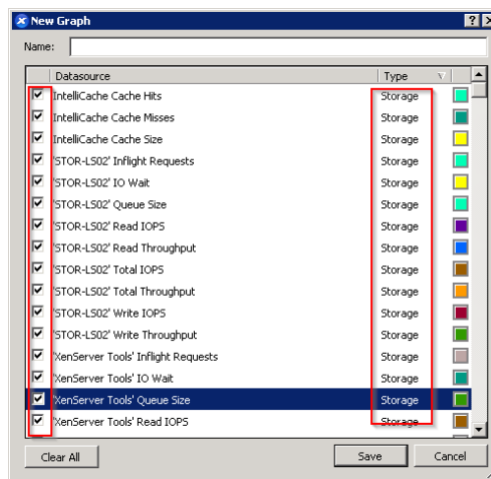*Version 11.7 – November 2018*

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

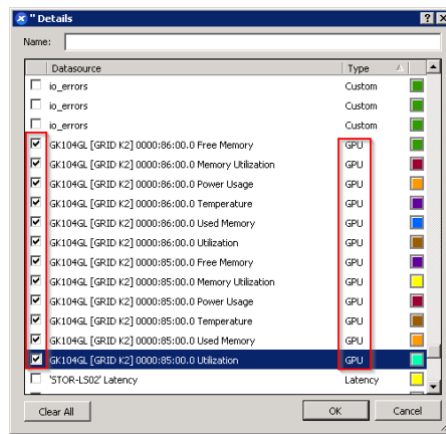### C. Enable Citrix XenServer NVIDIA Grid Monitoring

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