

HPE Operations Bridge Reporter Licensing and Sizing Calculator

For the Linux and Windows® Operating System

Software Version 10.xx

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Introduction


HPE Operations Bridge Reporter (HPE OBR) is a cross-domain historical IT infrastructure performance reporting software. It displays top-down and bottoms-up reports on resource, event and response time across server, network and application environments. It consolidates resource metrics, event metrics, response time data and business service topology data to show how the underlying infrastructure health, performance, and availability affect the performance of the existing IT infrastructure as well as the dynamic IT infrastructure.

The key objective of the HPE Operations Bridge Reporter Licensing and Sizing Calculator is to provide the following estimates:

1. Node licenses required for HPE OBR deployment based on the input parameters
2. Sizing of hardware to deploy OBR.

Accessing the Licensing and Sizing Calculator

The Licensing and Sizing Calculator is available as an excel attached with this whitepaper. Follow these steps to access the calculator:

1. From the Bookmarks pane, click  icon.
2. The OBR10_Sizing_License_Calculator attachment is listed. Double-click to open the excel sheet.
3. The excel sheet appears as shown in the following image. Type the values to calculate the licensing and sizing requirements.

HPE Operations Bridge Reporter 10.00 Licensing and Sizing Calculator			
<p>HPE Operations Bridge Reporter (OBR) is a cross-domain performance reporting solution. The key objective of the Licensing and Sizing Calculator is to provide estimates of Node Licenses required for OBR deployment based on the input parameters. For information see the available OBR 10.00 release notes in the Chapter on Licensing in the HPE Operations Bridge Reporter Configuration Guide. For more details on OBR Performance metrics, and how to collect them, please refer to the HPE Operations Bridge Reporter Performance, Sizing, and Tuning Guide. To check for recent updates to this tool, visit the OBR 10.00 Release Notes.</p>			
Capacity	Agents	Data Retention	
<p>Enter the required no. of managed agent instances to track each sample for which you require.</p> <p>Number of Agents per Host</p>	<p>Enter the required no. of Operations Bridge Reporter instances of various Collector and their various components.</p> <p>Site Scope</p>	<p>Default</p> <p>Default</p> <p>Total records in DB (in millions)</p>	
<p>Managed Nodes including Virtual machines</p> <p>Total Number of OBR Instances including Collector and Agent</p> <p>Total Number of Disks including VM Disks</p> <p>Total Number of File Systems per Host</p>	<p>Site Scope</p> <p>Site Scope</p> <p>Site Scope</p> <p>Site Scope</p> <p>Site Scope</p>	<p>Default</p> <p>Default</p> <p>Total records in DB</p>	
Network Management (NPM) - 90 Days (Sub-section)	Network Performance (NPM) Direct	Date Granularity (in minutes)	
<p>Network Polling Nodes (from NPM) (NPM)</p> <p>Network Polling Interfaces (from NPM) (NPM)</p> <p>Number of Interfaces</p> <p>Number of Servers</p> <p>Number of Servers</p> <p>Number of Servers</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p> <p>Default</p>	
Reliance Management	Network Performance (NPM) Direct	Concurrent Users	
<p>Network Polling Nodes (from NPM) (NPM)</p> <p>Network Polling Interfaces (from NPM) (NPM)</p> <p>Number of Interfaces</p> <p>Number of Servers</p> <p>Number of Servers</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	
Application Server Management (AS) - 90 Days	Network Performance (NPM) Direct	OBR Licensing	
<p>AS - 90 Days</p> <p>AS - 90 Days</p> <p>AS - 90 Days</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	
Backup Management	Network Performance (NPM) Direct	OBR Sizing - Typical	
<p>Backup - 90 Days</p> <p>Backup - 90 Days</p> <p>Backup - 90 Days</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	
Exchange Management	Network Performance (NPM) Direct	OBR Sizing - Detailed	
<p>Exchange - 90 Days</p> <p>Exchange - 90 Days</p> <p>Exchange - 90 Days</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	
Operations Management	Network Performance (NPM) Direct	OBR Sizing - Detailed	
<p>Operations - 90 Days</p> <p>Operations - 90 Days</p> <p>Operations - 90 Days</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	
End User Management (EUM)	Network Performance (NPM) Direct	OBR Sizing - Detailed	
<p>End User - 90 Days</p> <p>End User - 90 Days</p> <p>End User - 90 Days</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	
Total OBR Licenses	Network Performance (NPM) Direct	OBR Sizing - Detailed	
<p>Total OBR Licenses</p> <p>Total OBR Licenses</p> <p>Total OBR Licenses</p>	<p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p> <p>Network Performance (NPM) Direct</p>	<p>Default</p> <p>Default</p>	

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