



HPE Performance and Capacity Analysis for Virtual Environment Service

HPE Lifecycle Event Services

Virtualization initiatives may begin with consolidation planning and analysis. After the implementation is complete, performance may suffer over time if administrators do not actively monitor ongoing capacity and utilization levels.

HPE Performance and Capacity Analysis for Virtual Environment Service provides an analysis of the virtual infrastructure capacity utilization and performance of your virtualized environment and related HPE ProLiant servers, storage, and network devices, as well as VMware and Microsoft) hypervisors.

This service provides an annual analysis of your environment and offers a review of best practices, the effective use of resources, and workload assignments. In addition, it provides a measure of your environment's current utilization rates for target areas over a defined period (2 to 3 weeks).

Service benefits

This service helps improve capacity utilization of the virtualized infrastructure. In addition, it:

- Helps improve or maintain system uptime
- Allows your IT resources to stay focused on their core tasks and priorities
- Provides a service that is performed by a Hewlett Packard Enterprise technical specialist
- Allows you to better utilize these assets to meet business demand
- Improves overall usage of infrastructure resources to increase efficiency
- Helps you identify inefficiencies and plan for increases in workload

Service feature highlights

- Pre-delivery checklist
- Data collection
- Data analysis
- Presentation with advice and recommendations

Table 1. Service features

Feature	Delivery specifications
Pre-delivery checklist	Hewlett Packard Enterprise will send the Customer a pre-delivery checklist/questionnaire to complete. This document gathers information to help characterize the Customer's environment and workload management, as well as identify Customer contacts for service execution.
Data collection	Data collection tools are installed and/or configured at the Customer's site. The data collection period occurs over 2 to 3 weeks. During this process, Hewlett Packard Enterprise collects ongoing utilization data for selected equipment in the Customer's supported environment. For server products, HPE uses tools that may include, but are not limited to, HPE Systems Insight Manager (SIM) with Virtual Machine Manager (VMM), HPE Insight Control, VMware, and Microsoft and Linux management tools and analyzers. For storage products, HPE uses tools that may include, but are not limited to, HPE Command View EVA Perf and/or HPE XP Performance Advisor software already installed and configured in the Customer's environment.
Data analysis	Hewlett Packard Enterprise analyzes the data collected from the Customer's site and provides a report comparing the Customer's results to HPE best practices, and makes recommendations for improvement. A collaborative discussion takes place with the Customer, if needed.
Presentation	Hewlett Packard Enterprise prepares an advice and best practices presentation and presents the results to the Customer. During the presentation, HPE will identify potential follow-on activities: <ul style="list-style-type: none"> • Implementation • Need for Knowledge Transfer These follow-on activities are not included in this service, but can be provided by HPE at an additional cost.

Service limitations

Any services not clearly specified in this document or in an associated Statement of Work are excluded from this service.

This service does not provide detailed implementation planning or implementation activities.

The data collection and analysis are limited up to one of the following:

- 1 populated blade enclosure
- 8 standalone servers
- 1 storage array

The data collection and analysis are limited to 8 ESX hosts part of a cluster.

Service eligibility

The Customer must currently use a virtualization environment with VMware or Microsoft hypervisors.

Customer responsibilities

- The Customer must have data collection tools, as specified by Hewlett Packard Enterprise, available, or allow HPE to install them as needed.
- For EVA/XP storage environments, HPE Command View EVA Perf and/or HPE XP Performance Advisor must already be installed and configured.

General provisions/Other exclusions

- Portions of the service are delivered remotely or onsite, at Hewlett Packard Enterprise's discretion.
- Hewlett Packard Enterprise's ability to deliver this service is dependent upon the Customer's full and timely cooperation with HPE, as well as the accuracy and completeness of any information and data the Customer provides to HPE.
- HPE P2000 disk arrays are excluded from this service.
- This service excludes external networks.
- This service does not cover follow-on activities such as implementation of the recommendations, or a knowledge transfer. These activities can be purchased separately as a Statement of Work.

Ordering information

This service is available as a Fixed or Flexible HPE support service, on a per-event basis, or it can be added to a contract using the following part numbers:

- Fixed support service: U8E82E
- Flexible support service: H6B13A1
- Per-event service: H6B13AE
- Contract service: H6B13AC

This service can also be ordered through HPE TS Support Credits.

For more information

For more information on Hewlett Packard Enterprise support services, contact any of our worldwide sales offices or visit the following website:

hpe.com/services/support

hpe.com/services/lifecycleevent



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