



**Hewlett Packard  
Enterprise**

# HPE Application Performance Standard Meter Service

## HPE Lifecycle Event Services

HPE Application Performance Standard Meter Service is a Web-based service that reports resource consumption and configuration changes in adaptive Hewlett Packard Enterprise and multivendor application environments.

No matter how dynamic your HPE converged infrastructure landscape is, the Application Performance Standard Meter Service provides you the data to implement a pay-per-use model. The service is cloud ready and can be used in private, public, and converged cloud environments.

### Service benefits

- Accounts for resource consumption by application in a virtualized and cloud-based environment
- Enables effective deployment of IT resources
- Measures the consumption of resources to calculate cost on a pay per use basis
- Keeps track of changes in large heterogeneous environments
- Manages utilization in virtual machine environments
- Manages resource consumption in private and public cloud environments
- Provides a baseline of current resource utilization for change projects
- Supports sizing, consolidation, and technology refreshes
- Allows you to plan for lower risk by managing peak demand
- Allows you to plan for improved power consumption with green IT
- Supports both Hewlett Packard Enterprise and multivendor servers
- Supports major operating systems and virtualization solutions

### Service feature highlights

- Monitors the operating system level of applications and processes
- Enables fully automated baselining of SAP and other application infrastructures
- Provides a wide selection of reports to support various customer needs
- Operates on all servers and operating systems from major vendors

**Table 1. Service features**

Feature	Delivery specifications
<b>Monitors the operating system level of applications and processes</b>	<p>The service measures and analyzes the resource consumption of applications and processes in a virtualized or converged cloud environment. In particular, it measures the following on a per-application instance:</p> <ul style="list-style-type: none"> <li>• Normalized industry-standard benchmark metrics such as: <ul style="list-style-type: none"> <li>– SAP Sales and Distribution benchmark (SAPS)</li> <li>– SPECint_rate2006 (SPECint)</li> <li>– Transaction Processing Performance Council – Benchmark C(tpmC)</li> </ul> </li> <li>• Memory</li> <li>• IOPS</li> <li>• kWh per application instance</li> <li>• SAP-specific measures such as active users and response time, as well as dialog steps</li> </ul>
<b>Enables fully automated baselining of SAP and other application infrastructures</b>	<p>The baselining provides important information about the current state of the Customer environment so the Customer can plan for any upcoming changes.</p> <p>The metering agent is configured to have a reduced impact and be nonintrusive to the hosting server. This limits the metering overhead on the server as well as the data volume that is created and transmitted. A graphical aggregation of high-quality data records gathered into values of 5-minute intervals.</p>
<b>Provides a wide selection of reports to support various customer needs</b>	<p>There is a variety of reports available, from basic numeric tables to interactive reports with various analysis capabilities, including:</p> <ul style="list-style-type: none"> <li>• Visual Time Series is a timetable with cells for all data values. The cells are made of colored pixels that allow users to make a visual analysis of the data. This report can show hundreds of thousands of data values in an easy-to-comprehend manner. Every measured value is interactively retrievable.</li> <li>• VisTS Simulation mode and Visual Prediction reports allow the Customer to select application instances and analyze them together in order to model resource consumption in new combinations of application-to-server distributions.</li> <li>• An inventory report provides a simple numeric review of consumption over time. This report also provides a distribution overview of application instances across server and virtual machines with normalized utilization activity.</li> </ul> <p>The following reports are also available:</p> <ul style="list-style-type: none"> <li>• Consumption: a graph of consumed units</li> <li>• Peak: a graph of peak values</li> <li>• Summary: for single server/application numeric values</li> <li>• Advanced detail: all 5-minute values are available for download</li> <li>• Distorted scatterplot: any three values can be analyzed together</li> </ul>
<b>Operates on all servers and operating systems from major vendors</b>	<p>The following operating systems are supported: HP-UX, Solaris, AIX, SLES, RHEL, and Windows®</p> <p>The following Virtualization products are supported: HPE Integrity Virtual Machine, Solaris Zones, and VMware Vsphere</p> <p>For further details about supported versions, please check with your local Hewlett Packard Enterprise sales representative.</p>

## Service limitations

- The Customer receives information about how to set up the service and to generate reports on the Application Performance Standard Meter portal.
- A custom advice service is available on request as a statement of work (SOW) and must be purchased separately.

## General provisions/Other exclusions

Hewlett Packard Enterprise provides the identified Customer contact with detailed instructions about how to set up the service.

The service is designed for end-user self-service and makes the installation experience simple and well documented. Customers receive information about how to set up the service and how to generate reports on the HPE Application Performance Standard Meter Service portal. The Customer then installs an agent on each platform. A connection to the Hewlett Packard Enterprise portal is needed to transfer the collected data, either by HTTPS or by encrypted email. A guided configuration dialog is then performed, and the service becomes operational.

The report portal is also designed for simple use; however, the service's more sophisticated interactive reports require the use of the online manual to utilize their full potential. Additionally, while the metrics are explained in general terms, their interpretation may require some degree of application expertise on the part of the Customer.

## Ordering information

To obtain further information or to order HPE Application Performance Standard Meter Service, contact a local Hewlett Packard Enterprise sales representative and reference the following product numbers:

- HPE Application Performance Standard Meter configurable Support Service:
  - H2S88A1 for HPE Application Performance Standard Meter 4 instances service
  - H2S89A1 for HPE Application Performance Standard Meter 120 instances unlimited service
- HPE Application Performance Standard Meter nonconfigurable Support Service:
  - U1V76E for HPE Application Performance Standard Meter 4 instances service
  - U6Y10E for HPE Application Standard Meter 120 instances unlimited service
- HPE Application Standard Meter contractual service:
  - H2S88AE HPE Application Standard Meter 4 instances service
  - H2S89AE HPE Application Standard Meter 120 instances unlimited service

## For more information

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

[www.hpe.com/services/support](http://www.hpe.com/services/support)

[www.hpe.com/services/lifecycleevent](http://www.hpe.com/services/lifecycleevent)

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