



HPE Application Performance Standard Meter H7H08AAE

The core objective of this course is to provide participants with the ability to install, configure, run reports for the APSM for SAP. This course is included as in the curriculum of the CS900 for SAP HANA® as an additional skill.

HPE course number	H7H08AAE
Course length	3 days
Delivery mode	WBT
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Audience

- Administrators, engineers and consultants who install, configure, and support HPE Application Performance Standard Meter for SAP®

Benefits to you

- This course will allow customers to realize the benefits of the Application Performance Meter service, enabling companies to measure application performance and utilization in highly dynamic virtualized, consolidated, and cloud-based environments

Why HPE Education Services?

- IDC MarketScape leader 4 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL, PMI, CSA, and (ISC)²
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- Simplified purchase option with HPE Training Credits

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, January 2016

Detailed course outline

Module 1: Introduction to APS Meter

- The need and the principle of metering with standard units
- The SAPS value analogue to Electric Power
- Other transaction units
- Benefits and use cases
- How the APS Meter works
 - Data collection and transfer
 - Access to reports
 - The role of the central device
- Overview on reporting capabilities
- Overview on installation tasks
- Overview on license counting (no prices)
- Supported devices

Module 2: Installing the APS Meter in UNIX® type OS

- Installation steps overview
- Installation preparation
 - Network, firewall
 - Data needed during installation
- Installing central UCS Meter
- Installing agents on all servers
- Configuring on Central UCS Meter
- Register step
- Paths and daemons created
- Differences between HPUX, Linux, AIX and Solaris
- Uninstalling the APS Meter and the UCS Meter

Module 3: Installing the APS Meter in Windows®

- Installation steps overview
- Installation preparation
 - Network, firewall
 - Data needed during installation
- Installing central UCS Meter
- Installing agents on all servers
- Configuring on Central UCS Meter
- Register step
- Paths and services created
- Uninstalling the APS Meter and the UCS Meter

Module 4: What to do when it does not work like expected

- Use central device resources
- Identify failing element
 - Internal network
 - Connection to HPE
 - Services
- Agent side steps
- Get support from HPE

Module 5: Prepare reporting on portal

- Access to the APS Meter Portal
 - Concept of customer, server and user
 - Data needed to register
 - Register servers one by one
 - Bulk register servers with a list
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Module 6: Report overview

- Define a report
- Select servers and applications
- Schedule a report

Module 7: Use reports for accounting resource consumption

- Consumption values versus performance values
- Consumption report
- Summary report
- Inventory report
- Advanced detail report
- Use Visual Timeseries to validate data quality
- Schedule periodic reports

Module 8: Use reports to analyze utilization by applications

- Application instances on servers
- Common trap: Virtual Machine and Hyperthreading
- SAPS—need to know
- Peak report
- Stacked Area report
- Visual time series
- Correlate users, response times, transactions
- Correlation and Distorted Scatter Plot

Module 9: Use reports to predict and plan application usage

- What we predict and what not
- Application instances on servers
- The quick way: Planning Dashboard
- Simulation mode on Visual Time Series
- Visual Prediction
 - How daily data is predicted
 - How we predict week and month data
- Extract data for own planning

Module 10: Use reports to assess HANA resources

- How we measure HANA in SAP environments
- HANA Memory report
- HANA Table report
- HANA IO and latency report

Module 11: Administer APS Meter account

- Available automatic notifications
- Review and modify customer account specific data
 - Address data
 - Contact data
 - License data
- Manage user access to data
- Stop unwanted users from access to data

Course data sheet

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