



HP Education Services

HP Capacity Advisor and Global Workload Manager(HF869S)

This hands-on course supports the Virtual Server Operating Environment on HP-UX 11i v3, also known as HP Insight Dynamics-VSE. HP's advanced infrastructure management software lets you continuously analyze and optimize your adaptive infrastructure. Use Systems Insight Manager, Virtualization Manager, Capacity Advisor, Global Workload Manager, Instant Capacity, Process Resource Manager, and other tools. See how the tools work together to manage your systems and workloads. The 5-day course is 50% percent lecture and 50% percent hands-on labs.

Audience

- Experienced HP-UX system administrators

Prerequisites

- HP-UX system and network administration I (H3064S) and HP-UX System and Network Administration II (H3065S) or
- HP-UX for experienced UNIX system administrators (H5875S) or
- Equivalent system administration experience and
- HP Systems Insight Manager (HK712S)

Course objectives

- Describe the VSE components
- Install and configure VSE
- Use Virtualization manager to view systems and workloads
- Use gWLM to manage workloads
- Use Capacity Advisor to perform systems capacity planning and VM consolidations
- Perform basic troubleshooting of VSE

Next steps

- HP Integrity Cell-Based Server Administration (U5075S)

Benefits to you

- Quickly evaluate different scenarios for consolidating older and underutilized physical servers onto virtual machines
- Gain an appreciation of all HP-UX VSE tools
- See how you can more effectively manage the computing resources in your environment

Course title:	HP Capacity Advisor and Global Workload Manager
HP product number:	HF869S
Category/Subcategory:	HP-UX
Course length:	5 days
Level:	Advanced
Delivery language:	English
To order:	You can register your interest for this course online at http://www.hp.com.au/education . At the site, select the course under HP-UX portfolio and you will see dates for the course. Register your interest for the date of your choice.

Why education services from HP?

- Recognized as an IDC MarketScape leader for IT education (IDC MarketScape: Worldwide IT Education and Training 2012 Vendor Analysis, doc #232870, February 2012)
- Unmatched technical expertise and support for HP products and technologies
- Comprehensive curriculum of job-specific training leading to vendor certification
- Training you need, when and where you need it with our Remotely Assisted Instructional Learning (RAIL)

- More than 30 years of Education Consulting
- Global training with more than 90 training locations worldwide
- Award winning virtual classrooms and virtual labs for a real hands-on experience

Detailed course outline

Introduction to VSE & Product Tour

- Virtualization concepts, products, ID-VSE (ProLiant) and VSE-OE (HP-UX), SIM ties it all together
- Partitioning Continuum
- Virtualization Manager
- Capacity Advisor
- Global Workload Manager
- Logical Server Management
- Integrity Server Management (Partition Manager, WLM, PRM, iCAP, PPU, Application Discovery, VM Mgr)

Design a Solution

- Choosing a CMS
- Licensing
- Windows CMS Installation Requirements
- HP-UX CMS Installation Requirements

Install, setup, configure VSE

- Installation Overview
- Windows CMS installation
- HP-UX CMS installation
- Post installation steps
- Installing agents
- Adding license keys

Virtualization Manager

- Feature overview
- Starting Virtualization Manager
- Using VSE views
- Configuring preferences
- Compartment components
- Using the Virtualization Manager toolbar
- Managing with visualization icons

Workloads

- Introduction to workloads
- Workload types
- Utilization metrics
- Creating workload definitions

Global Workload Manager

- Global Workload Manager Product Tour
- Planning a gWLM implementation
- gWLM Controllers
- gWLM Provisioning
- Starting gWLM

- Creating and managing Shared Resource Domains
- Creating and Applying Policies
- Adding Workloads
- Common Administrative Tasks
- GiCAP Integration
- iCAP Manager
- Advanced Topics
- gWLM Best Practices
- Application Discovery
- First Pass gWLM Troubleshooting
- iCAP/TiCAP/GiCAP Best Practices
- gWLM Tips

Capacity Advisor

- Product Tour
- Data Collection
- Scenario planning with the Smart Solver
- Server Consolidation with Power
- Insight Power Manager
- Moving Workloads
- Reports
- Troubleshooting
- Command Line Interface

VSE Troubleshooting

- Common issues
- Using vseassist
- WBEM troubleshooting
- Other HP SIM troubleshooting

Other Tools

- Integrity Virtual Machine Manager overview
- Partition Management planning and parmgr
- Workload Manager
- Pay per use
- Process Resource Manager
- Secure Resource Partitions

For more information

To locate contact information and to learn more about education services, please visit our web site at <http://www.hp.com.au/education> .

