

TRAINING (INSTRUCTOR-LED)

COURSE 352: DSView® 3 Management Software and Supported Appliances – Advanced



OVERVIEW

Avocent Corporation offers the most effective way to train administrators and users on the use of Avocent Datacenter Solutions to manage IT infrastructure. The DS Series is anchored by the DSView® 3 management software, a centralized management solution that provides secure, remote and consolidated out-of-band management of the entire IT infrastructure. **Course 352 – DSView 3 Management Software and Supported Appliances – Advanced** builds on previously covered material in **Course 351 – DSView 3 Management Software & Supported Appliances – Fundamentals**, and provides in-depth training on the use and management of advanced features in the DS Series solution. Each module begins with lecture to review the topics that will be mastered. After the lecture, each student will perform hands-on lab exercises to reinforce the objectives.

COURSE CONTENT

- DSView 3 hub and spoke architecture and replication
- Configuring and managing MergePoint service processor managers
- Configuring and Managing ACS appliances
- Managing Virtual Machines, Virtual Centers and ESX servers
- Managing sites, departments and locations
- Performing multiple unit operations
- Managing users and user groups
- Setting up user access rights
- Managing tasks and event logs
- Configuring data logging
- Completing advanced server settings
- Installing, configuring and managing DSView 3 mobile

PREREQUISITES

Course 351 – DSView 3 Software & Supported Appliances – Fundamentals

COURSE LENGTH

1 day

WHO SHOULD ATTEND

Take Command Partners:

- DSView 3 Software End-Users
- DSView 3 Administrators

COURSE DETAIL OPTIONS

Corporate Facilities

Location:

Avocent Corporation – Huntsville Alabama
Avocent International – Shannon Ireland

Timetable:

A full list of courses is available on
www.avocent.com/services

Price:

\$295 per student per day

Class size:

12 students

Travel:

Travel, meals and lodgings are not included in the price of the course and must be arranged by the attendee

Pre-Scheduled Training Locations

Location:

A full list of locations is available on
www.avocent.com/partners

Timetable:

A complete list of courses is available on
www.avocent.com/partners

Price:

\$350 per student per day

Class size:

12 students

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Contact Us

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COURSE CONTENT

DSView 3 Software Architecture - Advanced

- Explain DSView 3 Database Replication
- Describe DSView 3 Hub and Spoke Promotion/Demotion
- Understand Best Practices for Failover and Load Balancing
- Discuss DSView 3 Backup and Restore Procedures
- Install and View DSView 3 Help Files

MergePoint Service Processor Managers

- Complete a MergePoint 52xx SP Manager Product Overview
- Describe MergePoint SP Manager Features/Benefits
- List MergePoint SP Manager Supported Target Devices
- Complete a MergePoint Installation and Setup
- Add a MergePoint SP Manager to DSView 3 Software
- Discover and Add Target Devices
- Add DHCP-assigned Target Devices
- Complete BMC Provisioning
- Manage Default Users
- Manage SP Profiles
- Manage Power
- View Sensor Status
- View the Accounting Log
- Configure and view Alerts
- Configure SNMP
- Enable Data Logging
- Configure SoL Parameters
- Enable DirectCommand
- View and Troubleshoot DirectCommand Status
- Enable SSH
- Use MgpShell
- Perform Management Operations using SSH Passthrough
- Configure the SP manager using the CLI Utility
- Reduce Scripting Tasks Using SMASH CLP Standard Command Line

Advanced Appliance Management and Virtualization

- Complete ACS Appliance Configuration
- Establish SSH Pass-Through Sessions
- Control Your System at the local port
- Manage DSView 3 Software Firmware
- Understand DSView 3 Virtualization Support Terminology
- Manage Virtual Machines (VM) in DSView 3
- Describe VM Target Capabilities

- Add a VMware VirtualCenter or ESX Server in DSView 3 Software
- Discuss VM Licensing Requirements
- Perform VM Operations
- View Virtual Center Events

Unit Management

- Add, delete and change Sites, Departments and Location
- Add, delete and change Unit Group
- Perform multiple unit operations

User Access Management

- Add, change and delete user accounts and groups
- Understand DSView 3 software user certificates
- Change user account restrictions and expiration settings
- Assign user/group access rights
- Understand DSView 3 software authentication options
- Add an external authentication service
- Enable, disable and configure the DSView 3 legal notice
- Specify an encryption level

Permissions

- Describe DSView 3 Software Unit and User Management Capabilities
- Assign Access Rights
- Change User Options
- Change User Password
- Specify a User Certificate
- Specify a SSH Key

Tasks and Event Logs

- Add, delete and change tasks
- Add task: Backup DSView 3 software database and system files
- Add task: Exporting an event log .csv file
- Add task: Updating the firmware of an appliance type
- Run tasks manually
- Enable and disable and delete event logging
- Email event log notifications

DSView 3 Data Logging

- Describe DSView 3 software data logging capabilities
- Complete DSView 3 data logging configuration
- Enable/disable the Syslog server
- Enabling and Disabling Data Logging on Units
- Configure the Buffer Warnings Events

- as SNMP
- View, Archive and Delete log files

Server Settings

- Manage Server Certificates
- Specify a Proxy Server
- Specify Trap Destinations
- Use Unit Status Polling

DSView 3 Mobile

- Describe DSView 3 Mobile Plug-in requirements
- List DSView 3 Mobile Supported Handheld Devices
- Activate DSView 3 Mobile Licensing
- Enable Handheld Devices to Manage Servers
- Set up and Manage Servers and Users
- Install the DSView 3 Mobile Agent
- Identify DSView 3 Mobile Management Capabilities
- Access DSView 3 Mobile Power Management