

TRAINING (INSTRUCTOR-LED)

## COURSE 350: DSView® 3 Management Software and Supported Appliances



### OVERVIEW

Avocent Corporation offers the most effective way to train administrators and users on the DS Series of hardware and software solutions. 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 350 – DSView 3 Management Software and Supported Appliances** gives all the information needed to efficiently and effectively use the DS Series tools. This is a flexible course, and the modular structure allows customers to only take the modules that they need. 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 software capabilities and navigation
- DSView 3 hub and spoke architecture and replication
- The installation and configuration of Avocent KVM over IP appliances
- Managing KVM sessions
- Virtual media setup and configuration
- DSView 3 software blade support
- DSView 3 software VMWare support
- Managing serial sessions
- Managing Cyclades OnSite appliances
- Managing Cyclades PM power devices
- Configuring and managing MergePoint service processor managers
- DSView 3 software and LANDesk server manager integration
- Configuring DSView 3 mobile
- Third-party plugins: NetClarity Auditor, Uptime Devices and HP Software Connector
- Configuring and Managing ACS appliances
- Managing Virtual Machines, Virtual Centers and ESX servers

### PREREQUISITES

All attendees must be existing users of Avocent's DSView3 Management Software

### COURSE LENGTH

This course is 1 – 3 days. Customized training options designed to specific customer requirements are available subject to confirmation and approval from the Avocent Training department

### WHO SHOULD ATTEND

Take Command Partners:

- DSView 3 Software End-Users
- DSView 3 Administrators

### COURSE DETAIL OPTIONS

#### Onsite Training

##### Location:

Customer Site

#### Training Schedule

For more details about our onsite training programs, please contact Avocent at:

[www.avocent.com/services](http://www.avocent.com/services)

#### Cost

\$3000 per day plus expenses - expenses to include all travel, housing and meals for trainer(s)

#### Travel

Trainer will travel to customer provided facility. The customer will be responsible for providing a classroom facility with desktop computers or student laptops. If the customer chooses to use their production network for the course, they will do so at their own risk.

#### Contact Us

Avocent Global Training  
4491 Corporate Drive  
Huntsville AL 35805  
Phone: 256.430.4000  
Toll Free: 1.866.286.2368  
Email: [training@avocent.com](mailto:training@avocent.com)

## COURSE CONTENT

### Introduction

- DSView 3 software defined - features/benefits
- Hub and spoke architecture overview
- Web-based access and control
- DSView 3 software components

### Avocent Supported Products

- Products supported
- ACS and CCM appliances
- DSR switches
- Front-ending DSR switch with AMX switch
- DS1800 digital switches
- DSI5100 proxy appliance
- Generic appliances
- Embedded units
- Target devices
- Power devices

### DSR KVM over IP Switches

- Major features of the DSR switch family
- Items supplied with the switch
- Physical installation of a DSR appliance
- View and select ports and servers
- Configure using OSCAR® graphical user interface
- Navigate through the console port
- Access the DSR switch directly and through DSView 3 software

### DSView 3 Software Installation

- Define the minimum requirements for DSView 3 software installation
- Install DSView 3 software on Windows, UNIX or Linux system
- Configure DSView 3 software
- Define the minimum client requirements for DSView 3 software
- Open a DSView 3 client session

### Adding/Deleting Appliances

- Access the Units View Windows
- Define Units View Window fields
- Add units
- Add a single managed appliance
- Add appliances from IP addresses
- Add a generic appliance
- Add a target device
- Name synchronization
- Enable name push/pull
- Define exit macros
- Enable topology resynchronization

### KVM Sessions

- Load the Video Viewer
- Define KVM Session Profiles
- Define KVM General Profile Settings
- Define Cursor Profile Settings
- Define Video Scaling
- Manage KVM Session Profiles
- Open a shared KVM session
- Open a KVM exclusive session
- Connect to an existing KVM session
- Set Mouse Acceleration
- Understand available mouse modes
- Utilize keyboard pass-through

### Serial Sessions

- Navigate the Telnet Viewer
- Open a Telnet or SSH session using DSView 3 software
- Customize the Telnet Viewer
- Creating a Serial over LAN port
- Building login scripts
- Creating macros
- Enabling/disabling the logging function

### Power Management and IPMI

- Describe IPMI target devices and Baseboard Management Controllers (BMC)
- Add, delete and modify BMCs for DSI5100 appliances
- Control IPMI target device power
- Use the IPMI viewer
- Display sensor information by selecting an IPMI target device
- Display LAN configuration information
- Display Field Replaceable Unit (FRU) information
- Display IPMI target device discrete sensor information
- Display IPMI target device numeric sensor information
- Merging target devices
- Use the System Event Log (SEL) window to display the BMC events
- Enable alert forwarding

### Server, Device and Appliance Organization

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

### Security

- Add, change and delete user accounts
- Change user certificates
- Specify a user SSH key
- Change a user password
- Change user account restrictions
- Assign user access rights
- Add, change and delete user groups
- Specify an encryption level
- Change the DSView 3 software internal authentication
- Add an active directory external
- Add an RSA SecurID external authentication
- Enable, disable and configure the legal notice
- Add a DSView 3 software login banner

### Profiles

- Change user options
- Change DSView 3 software color scheme
- Change password
- Choose a serial session application
- Specify a user certificate
- Specify a SSH certificate

### Tasks and Reporting

- Add, delete and change tasks
- Add task: Backup DSView 3 software database and system files
- Add task: Configure SNMP trap settings on a managed appliance
- 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

### Virtual Media

- Define Virtual Media requirements
- Define Virtual Media sharing and preemption considerations
- Open/close a Virtual Media session
- Map/unmap Virtual Media drives
- Reset USB devices on a target device