SOLIDserver DDI Advanced Configuration

Training Course

SOLIDserver software version:
8.x

Course type:
Instructor-led (on-site, virtual)

Duration:
21 hours, spread over 3 or 4 days

Audience:
System and network administrators

Prerequisites:
Completion of SOLIDserver DDI Administration: Global DDI training

Teaching Methodology:
Lectures and hands-on labs

Certification:
DDI Advanced Administrator

Training Summary

Overview:

Via hands-on training, participants will learn to enable and configure the advanced features of SOLIDserver.

Objectives:

By the end of the course, the students will be able to:

- Customize the SOLIDserver
- Provision data in IPAM using advanced capabilities
- Work with Advanced DHCP features
- Secure DNS
- Configure System Administration features
- Use the Workflow tool

Course Content

Customization

Customize the GUI

- Customize the Login page

Global Classes & List Templates

- Describe Classes
- Add Meta data
- Manage List Templates

Class Studio & Custom Classes

- Manage Classes using Class Studio
- Add a Custom Class

Class Parameters Inheritance

- Describe Class Parameters Inheritance

Configure Class Content

- Use Key Class Objects

List Parameters & Custom DB

- Provision lists of data in the database
- Set dependencies between two lists

Advanced IPAM Features

Network-based VLSM Architecture

- Manage a Network-based VLSM Architecture
- Import nested networks from a CSV file
- Insert/Remove an intermediate non-terminal network

Template Mode

- Automate the deployment of IP addressing structures via preconfigured templates

Space-based VLSM Architecture

- Delegate part of IPAM using sub-spaces
- Unmanage an IPAM network resource

Advanced DHCP Features

Static without IP & DHCP Groups

- Configure Static without IP objects
- Use Generic ACLS to aggregate leases between known and unknown clients

Manage DHCP Options

- Add an option to the DHCP service
- Add a Specific ACL identifying clients of a given type
- Configure standard, site-specific, and vendor-specific options

Manage ACLs & Ping Check

- Add an ACL to group DHCP clients
- Add an ACL to restrict access to a DHCP range

Course Content

Advanced DNS Features

DNS VIP & Securing Access using TSIG

- Configure a VIP for the DNS Service
- Secure DNS Access using TSIG

DNS Views

- Segregate DNS Data using Views

Introduction to Threat Pulse (DTP)

- Describe the data provided by DTP
- List the DTP categories and their usage
- Understand DNS filtering with DTP

DNS Firewall (RPZ) & Threat Pulse

- Filter DNS queries using RPZ
- Use DNS Threat Pulse with RPZ

Response Rate Limiting & DNS Hybrid

- Enable and Configure Response Rate Limiting
- Switch from BIND to another DNS engine

DNS non-Supported Option & Prefetch

- Customize the DNS service
- Configure BIND prefetch
- Configure the BIND minimal-response parameter

Advanced System Features

Rule Management & Automatic Delegation

- Configure the SOLIDserver using Rules
- Enable automatic delegation of new DDI resources

Import/Export Management & Registry Database

- Perform imports and exports efficiently
- Use the Registry Database

Advanced Properties & Include File Handling

- Handle the Advanced Properties commands
- Customize the services

Workflow

Workflow Description & Add a Request

- Add a request

DNS Process Workflow Requests & Workflow Tools

- Process a request
- Use the embedded capabilities of the Workflow module