efficient iP®

SOLIDserver DDI Operation and Administration

Course Information

SOLIDserver software version:
8.x

Course type:
Choice of Instructor-led or Self-paced eLearning with hands-on labs

Duration:
Instructor-led: 20 hours (spread over 4 days)
Self-paced: 12 to 14 hours
Optional eLearning: 1 hour

Lab access:
Instructor-led: For course duration

Self-paced: 15 hours (over a 30-day period)

Audience:
System and network administrators

Prerequisites:
Knowledge of DNS, DHCP and IPAM fundamentals (DDI Fundamentals 3h eLearning course included)

Certification:
DDI Administrator

Training Summary

Overview:

The course is offered as instructor-led or as eLearning. Optional content is provided as interactive eLearning. It has two parts:

In the Operation sections a fully configured Smart DDI environment is used to learn the day-to-day operation of IPAM, DNS and DHCP. The course also shows how DDI Operations are integrated and automated.

The Administration sections teach how the Smart DDI environment is configured and the role of the administrator. This includes management of users and how to customize their working environment.

Objectives:

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

- Provision IPAM, DNS and DHCP using a solution configured for Smart DDI

- Customize the Web UI

- Perform SOLIDserver system administration

- Engage with the EfficientIP support team

Course Content

Operations

Introduction and User Interface
• Introduction to SOLIDserver
• SOLIDserver Architecture
• User Accounts and Rights
• SOLIDserver Web GUI
• List, Filter and Sort
• Dashboard Gadgets
• Introduction to Advanced Properties

IPAM Operations
• IPAM Overview and Spaces
• IPAM Networks
• IPAM Addresses and Aliases
• IPAM Pools
• IPAM Export and Import

DNS Operations
• DNS Servers
• Replication Between IPAM and DNS
• DNS Zones
• DNS Resource Records
• DNS Statistics and Analytics

DHCP Operations
• DHCP Servers
• Replication between IPAM and DHCP
• Provisioning DHCP from IPAM
• DHCP Static With IP
• DHCP Options Handling
• DHCP Statistics and Analytics

Administration

Management and Customization
• SOLIDserver Management
• User and Rights Management
• SOLIDserver GUI Customization
  (Dashboard & Listing Template)
• Wizard Customization

DNS Management
• DNS Smart Architecture
• DNS Server Features and Access Control
• DNS Zone Management and Contextual Reports

DHCP Management
• DHCP Smart Architecture

System Management
• User Accounts and Delegation
• Backup and Restore
• Management High-Availability
• Software Upgrade

Certification - Additional Content
• Setting Up the SOLIDserver - eLearning
• License Management - Self-Paced
• Using EfficientIP Support - eLearning

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