

# 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



As one of the world's fastest growing DDI vendors, EfficientIP helps organizations drive business efficiency through agile, secure and reliable network infrastructures. Our unified management framework for DNS-DHCP-IPAM (DDI) and network configurations ensures end-to-end visibility, consistency control and advanced automation. Additionally, our unique 360° DNS security solution protects data confidentiality and application access from anywhere at any time. Companies rely on us to help control the risks and reduce the complexity of challenges they face with modern key IT initiatives such as cloud applications, virtualization, and mobility. Institutions across a variety of industries and government sectors worldwide rely on our offerings to assure business continuity, reduce operating costs and increase the management efficiency of their network and security teams.

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