

# 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



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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# 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



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