

SOLIDserver Administration: Global DDI

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 3 or 4 days)

Self-paced: 12 to 14 hours

Optional eLearning: 1.5 hours

Lab access:

Instructor-led: For course duration

Self-paced: 12 hours (over a 15-day period)

Audience:

System and network administrators

Prerequisites:

Knowledge of DNS, DHCP and IPAM fundamentals

Certification:

DDI Administrator

Training Summary

Overview:

Via the hands-on training, the participants will acquire the knowledge to administer the SOLIDserver appliance and manage IPAM, DNS and DHCP as a Global DDI solution.

Objectives:

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

- Perform SOLIDserver system administration
- Provision IPAM
- Manage and provision the DNS/DHCP services
- Configure Global DDI to integrate DHCP and DNS with IPAM and automatically replicate information between the modules
- Engage with the EfficientIP support team

Course Content

Introduction to SOLIDserver

- SOLIDserver product description
- Global DDI in Action

SOLIDserver Web GUI

- Using the Web GUI
- Listing, Filtering and Sorting
- Dashboards and Gadgets

SOLIDserver Management

- The Administration Page
- Centralized Management
- CLI Access

IPAM Provisioning

- IPAM Description, Spaces & Networks
- IP Addresses
- Gateway Offset and VLSM

Introduction to SmartArchitecture

- SmartArchitecture Overview

DNS Administration

- DNS Server Management
- Smart Architecture for DNS
- Intro. to Managing DNS Zones
- Managing DNS Resource Records
- DNS Server Features
- Zone Management
- Smart DNS Workflow
- DNS Reports and Analytics

Introduction to Global DDI

- Enabling IPAM-DNS-DHCP Replication

Integration of IPAM and DNS

- Updating DNS from IPAM
- Updating IPAM from DNS

DHCP Administration

- DHCP Server Management
- Smart Architecture for DHCP
- Replication between IPAM and DHCP
- Provisioning DHCP from IPAM
- DHCP Options Handling
- DHCP Management Commands
- DHCP Reports and Analytics

Exporting and Importing Data

- Export Reports
- Import to IPAM
- Import to DNS

System Administration

- User Accounts and Delegation
- Backup and Restore
- Management High-Availability
- Software Upgrade
- Using EfficientIP Support - eLearning

Preparation for Certification (optional)

- SOLIDserver Product Information - eLearning
- Setting Up the SOLIDserver - eLearning
- License Management - 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.

Copyright © 2023 EfficientIP, SAS. All rights reserved. EfficientIP and SOLIDserver logo are trademarks or registered trademarks of EfficientIP SAS. All registered trademarks are property of their respective owners. EfficientIP assumes no responsibility for any inaccuracies in this document or for any obligation to update information in this document.