

SOLIDserver DDI Administration Training



TRAINING SUMMARY

Overview:

Via a blend of instructor-led training and interactive eLearning, the participants will acquire the knowledge to install, configure and data-fill the SOLIDserver[™] appliance.

Objectives:

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

- Install and configure SOLIDserver[™] appliances
- Provision IPAM
- Manage and provision the DNS/DHCP services
- Insert SOLIDserver[™] in a multi-vendor environment
- Use Global DDI advanced capabilities
- Perform SOLIDserver[™] system administration
- Setup and use the NetChange module

- **SOLIDserver software version:** 8.x
- **Course type:** instructor-led with labs and eLearning with lab simulations
- **Duration:** 20 hours (spread over 3 or 4 days) + 3 hours for eLearning
- **Audience:** EfficientIP Partners
- **Prerequisites:** knowledge of DNS, DHCP and IPAM fundamentals
- **Certification:** yes

COURSE CONTENT

EfficientIP SOLIDserver: Product Presentation (eLearning)

- Identify supported product configurations and the hardware requirements for each model
- Lab Simulation: Global DDI in action

Getting Started with SOLIDserver (eLearning)

- Install the hardware and virtual appliances
- Perform the initial setup of the SOLIDserver
- Connect via the CLI
- Use the Web GUI to configure the SOLIDserver
- Lab Simulations: SOLIDserver Quick Start, Timezone Configuration, License Activation, Enable and Configure NTP, Network Configuration, Add a New Virtual Interface (VIF)

Module 1: Discovering SOLIDserver™

- SOLIDserver product description
- Guided Tour of the Web GUI and the CLI

Module 2: DNS Administration

- DNS server management
- DNS server features description and activation (Recursion, Forwarding, Access Control...)
- Zones and RRs handling (Zone type, Delegation, Zone Transfer, RRs type...)

Module 3: IPAM Provisioning

- IPAM description and provisioning (Space, Network, Pool, Address)
- Global DDI introduction
- Enabling IPAM-DNS replication
- VLAN Manager

Module 4: DHCP Administration

- DHCP server management
- Dynamic address allocation handling
- Static address allocation handling
- Access Control (General ACL)
- DHCP features description activation (Options, ...)

Module 5: Advanced Features Handling

- SMART architectures description
- SMART architecture for DNS
- SMART architecture for DHCP
- Global DDI: the full picture (DNS-DHCP-IPAM replication)
- Analyzing DNS/DHCP traffic
- Report feature description
- Import feature description

Module 6: System Administration

- User accounts and delegation
- DNS/TFTP/NTP services High-Availability
- Backup/Restore
- Centralized Management
- Management High-Availability
- Software Upgrade
- SDS post-installation checks

NetChange Part 1: Overview and Configuration (eLearning)

- Overview of NetChange-IPL and NetChange
- Use NetChange-IPL to discover network devices
- Lab Simulations: Managing a Network Device, Managing Ports,

NetChange Part 2: Managing Discovered Items (eLearning)

- Use NetChange-IPL and NetChange to manage discovered devices
- Lab Simulation: Managing Discovered Devices,



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 © 2019 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.