

SOLIDserver DDI+NetChange Configuration

Course



TRAINING SUMMARY

Overview:

Via the hands-on training, 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:** 8.0
- **Course type:** Instructor-led (on site, remote)
- **Duration:** 3 days for on-site class, 24 hours for remote class
- **Audience:** System and network administrators
- **Prerequisites:** knowledge of the DNS, DHCP and IPAM fundamentals
- **Teaching Methodology:** lectures, quiz and laboratory sessions
- **Certification:** yes (voucher to be purchased)

COURSE CONTENT

Module 1: Product Description

- SOLIDserver product description

Module 2: Initial Setup

- SOLIDserver rollout description
- SOLIDserver hardware appliance installation
- SOLIDserver virtual appliance installation [□](#)
- Guided tour of the Web GUI and the CLI interfaces [□](#)
- Basic system setup [□](#)

Module 3: 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 4: IPAM provisioning

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

Module 5: DHCP administration

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

Module 6: Advanced Features Handling

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

Module 7: 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

Module 8: NetChange

- NetChange module description
- Managing the Network Devices [□](#)
- Managing the ports [□](#)
- Managing the discovered items [□](#)
- Managing the routes
- Managing the switches
- Network Devices configuration files management

[□](#) Laboratory session



REV: 210108

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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