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CDCA Training: Infoblox Core DDI Configuration & Administration

5 days (35 hours)

Presentation

Infoblox was founded in 1999 and has delivered over 55,000 boxes to more than 6,900 customers worldwide. Infoblox is the leader in the automation of critical network functions, with an offering covering IP services (DNS/DHCP, IP Addressing Management), configuration management and network equipment change management.

During the CDCA course, you'll gain a practical understanding of how to configure and manage Infoblox network management equipment. Learn how to configure DNS, including forward and reverse zones. Set up IPAM and DHCP networking, including dynamic DNS, with TSIG and GSS-TSIG, zone record signing and validation via DNSSEC, and DNS Anycast.

Our CDCA training course will teach you how to manage the Grid to monitor your systems and NIOS updates.

Objectives

- Have a working knowledge of how to configure and manage Infoblox network management equipment
- Management of direct and reverse DNS zones, creation of IPAM & DHCP networks and zones DNS, DHCP ranges, fixed IP addresses. Manage the Grid, including system monitoring and associated protocols.
- Manage remote authentication and NIOS updates
- Implement advanced NIOS features, including dynamic DNS with TSIG and GSS-TSIG, DNSSEC zone signing and validation, DNS Anycast and DHCP redundancy

Target audience

- Network administrator
- Architects
- Network engineers

Prerequisites

It is recommended to have attended the free Infoblox online webinars to get a precise technical overview of the fundamentals of DNS and DHCP.

Our CDCA training program

Day 1

- The Grid™
- Installation
- The Grid™ Manager
- Member management
- High availability

Day 2

- The DHCP service
- DHCP networks
- DHCP objects
- Extended attributes
- Administration accounts
- Scheduled tasks

Day 3

- DNS service
- DNS zones
- DNS records
- IPAM CSV export and import

Day 4

- Remote authentication
- DNS Anycast
- DNSSEC
- NIOS updates
- DNS and network views

Day 5

- Advanced DHCP options
- DHCP Failover
- Dynamic DNS
- TSIG and GSS TSIG
- Reports and analyses

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.