

Core DDI Configuration & Administration (CDCA)

Duration: 5 Days**Product Version: NIOS 8.1**

Description

The Core DDI Configuration & Administration Course (CDCA) combines instructor-led training and interactive labs to build a working in-depth knowledge of how to configure and manage Infoblox network appliances running Infoblox NIOS operating system.

Network fundamentals such as forward and reverse mapping DNS zones, DNS views; DHCP networks, custom options, ranges and fixed addresses; and visually manage the IP space using IPAM; performing Grid management, including system and protocol level monitoring, remote authentication, and NIOS upgrades all provide a solid understanding of how integrate and maintain Infoblox's Core DDI product. Implementation of advanced NIOS features are also covered including dynamic DNS with TSIG and GSSTSIG, DNSSEC zone signing and validation, DNS Anycast, and DHCP failover.

Target Audience

The CDCA course is intended for anyone responsible for the implementation, administration, operations, maintenance, support, and day-to-day management of an Infoblox Core DDI product. This includes system administrators, network administrators, installers, sales engineers, systems engineers, professional services engineers (presales and post sales), and technical support professionals.

Anyone planning on taking the Core DDI Advanced Troubleshooting course (CDAT) are required to complete this course before attending the CDAT course.

Prerequisite Requirements

Attendees should have either of the following:

- A working knowledge of DNS and DHCP
- Completed the Core DDI Fundamentals e-learning course

Certification

The CDCA course includes an exam voucher for the Core DDI Configuration & Administration (CDCA) exam for the Core DDI Configuration & Administration (CDCA) accreditation. The CDCA accreditation certifies essential knowledge of network service protocols and configuration of Infoblox Core DDI product. The CDCA exam can be taken during the course.

+ Course details are subject to change

Course Outline

Day 1

- The Infoblox Grid
- Setting up the Grid
- Grid Manager
- Managing Grid Members
- High Availability

Day 2

- DHCP Service
- DHCP Networks
- DHCP Objects
- Extensible Attributes
- User Accounts
- Scheduled Tasks

Day 3

- DNS Service
- DNS Zones
- DNS Resource Records
- IPAM
- CSV Export and Import

Day 4

- Remote Authentication
- DNS Anycast
- DNSSEC
- NIOS Upgrades
- DNS and Network Views

Day 5

- Advanced DHCP Options
- DHCP Failover
- Dynamic DNS
- TSIG and GSS TSIG
- Reporting and Analytics