



# TRAINING HANDBOOK INFOBLOX CORE DDI CONFIGURATION & ADMINISTRATION (CDCA)



**INCREASE REVENUE AND CUSTOMER VALUE WITH  
EXCLUSIVE NETWORKS PROFESSIONAL & SUPPORT SERVICES**

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## TRAINING HANDBOOK

### INTRODUCTION

Exclusive Networks offers the highest standard of technical education on products and solutions in its portfolio. All courses are delivered by vendor accredited trainers with real world experience and practical insight, providing attendees with tangible capability as well as study book theory. Courses are designed to equip engineers with the skills needed to understand, configure, support, troubleshoot and manage products in their care. Knowledge transfer through the training programme helps both business partners and their customers become more effective in supporting/managing solutions. Exclusive Networks' high levels of accreditation and training credentials speak for themselves, through authorised training endorsements from the vendors in Exclusive Networks' product portfolio.

Exclusive Networks UK operates authorised training centres for:



Accredited training can be provided in accordance with the vendor courseware either from Exclusive Networks' training suites, at the customer's premises or a suitable location for all parties. Alternatively, bespoke training courses using selected material from the vendor courseware can be provided where necessary. Both accredited training and bespoke training include instructorled training and hands-on labs. Knowledge transfer sessions are also available which provide instruction and demonstration of customer selected topics.\*

All of Exclusive Networks' trainers adopt a 'hands-on' approach, which means they teach course content with real-world practical experience, rather than simply facilitate how to achieve accreditation.

\*Knowledge transfer sessions do not include courseware or hands-on labs.

+ Course details are subject to change

## **COURSE NAME: 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.

### **PRE-REQUISITE(S)**

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 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

+ Course details are subject to change



For more information about Exclusive Networks Professional & Support Services, please email  
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