

## **COURSE OUTLINE**

## **CDDS: Core DDI DNSSEC Ops and Troubleshooting 8.4**

SECURITY – INTERMEDIATE PRODUCT TRAINING	
Course Description	DNSSEC is an extension of the DNS protocol and a critical element of your complete DNS security strategy. Generic DNSSEC courses teach the protocol basics. This Infoblox DNSSEC course teaches you how the protocol extension works, the implementation and operations tasks you need to know, how to troubleshoot your DNSSEC environment, and how DNSSEC integrates with your complete DNS security strategy. Establish detailed protocol knowledge in preparation for the deployment, operations and maintenance, and troubleshooting of your DNSSEC environment. Learn about DNS protocol
	changes and network requirements related to DNSSEC, operations and maintenance tasks such as key management, threats against DNSSEC, troubleshooting techniques and available GUI and CLI tools, and best practices.
Target Audience	US Government agencies are required to deploy DNSSEC, which is a new protocol to users. This advanced-level course is for teams responsible for DNS and DNS security architecture, implementation and operations.
Duration	2 days
Learning Style	Lecture and hands-on lab exercises using a break-fix approach to troubleshoot and resolve common operational issues.
Available Modalities	Instructor-led, Virtual Instructor-led
Maximum Class Size	8 attendees
Prerequisites	Attendees should have completed the Core DDI Configuration & Administration (CDCA) course or have equivalent hands-on DDI experience.
Accreditation	Core DDI DNSSEC Ops & Troubleshooting (CDDS) attendance on completion of course.
Training Credits	Private on-site class: 200 Public class seat: 20
Course Topics	<ul> <li>Introduction to DNSSEC</li> <li>DNSSEC Protocol Deep Dive</li> <li>New DNSSEC Record Types</li> <li>Implementing Trust Anchor</li> <li>Managing DNSSEC Keys</li> <li>Working with Proof of Non-Existence</li> <li>Critical Network Considerations</li> <li>Common Threats and Mitigations</li> <li>Best Practices for Operations</li> </ul>



Infoblox enables next-level network experiences with its Secure Cloud-Managed Network Services. As the pioneer in providing the world's most reliable, secure and automated networks, we are relentless in our pursuit of network simplicity. A recognized industry leader, Infoblox has 50 percent market share comprised of 8,000 customers, including 350 of the Fortune 500.

Corporate Headquarters | 3111 Coronado Dr. | Santa Clara, CA | 95054 +1.408.986.4000 | 1.866.463.6256 (toll-free, U.S. and Canada) | <u>info@infoblox.com</u> | <u>www.infoblox.com</u>

© 2020 Infoblox, Inc. All rights reserved. Infoblox logo, and other marks appearing herein are property of Infoblox, Inc. All other marks are the property of their respective owner(s).