

COURSE OUTLINE

CDDS: Core DDI DNSSEC Ops and Troubleshooting 8.4

SECURITY – INTERMEDIATE PRODUCT TRAINING

Course Description	<p>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.</p> <p>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.</p>	
Target Audience	<p>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.</p>	
Duration	<p>2 days</p>	
Learning Style	<p>Lecture and hands-on lab exercises using a break-fix approach to troubleshoot and resolve common operational issues.</p>	
Available Modalities	<p>Instructor-led, Virtual Instructor-led</p>	
Maximum Class Size	<p>8 attendees</p>	
Prerequisites	<p>Attendees should have completed the Core DDI Configuration & Administration (CDCA) course or have equivalent hands-on DDI experience.</p>	
Accreditation	<p>Core DDI DNSSEC Ops & Troubleshooting (CDDS) attendance on completion of course.</p>	
Training Credits	<p>Private on-site class: 200 Public class seat: 20</p>	
Course Topics	<ul style="list-style-type: none"> • Introduction to DNSSEC • DNSSEC Protocol Deep Dive • New DNSSEC Record Types • Implementing Trust Anchor • Managing DNSSEC Keys 	<ul style="list-style-type: none"> • Working with Proof of Non-Existence • Critical Network Considerations • Common Threats and Mitigations • Best Practices for Operations