



# BLUECAT NETWORKS

## BlueCat Training Services

### Adonis Administration Course Outline

BlueCat Training Services empowers your staff with hands-on training that keeps pace with the design and deployment of your BlueCat solution. BlueCat experts design distinct learning paths to address the comprehensive needs of your IT organization. Our training offerings equip your staff with the skills needed to optimize your BlueCat solution and realize its full potential.

#### Training Offerings

##### Adonis Administration

Adonis Administration gives networking professionals a functional understanding of how to manage the Adonis appliances using the Adonis Management Console.

##### IPAM Essentials

IPAM Essentials gives networking professionals a functional understanding of the Proteus system as it is commonly used, focusing on the daily administration of IPAM, DNS and DHCP.

##### IPAM Administration

The IPAM Administration course examines the more advanced features and functions of the Proteus system, as well as advanced system administration and management activities.

#### Audience

The Adonis Administration Course is a 15-hour instructor-led course. It provides students with the knowledge and skills to implement, manage, and maintain Adonis appliances utilizing the Adonis Management Console. The course is intended for systems administrators and systems engineers who are responsible for implementing, managing, and maintaining DNS and DHCP systems. The course assumes that attendees have a strong understanding of networking concepts, TCP/IP protocols, a strong grasp of DNS, DHCP and IPv4 addressing.

#### Course Objectives

Upon successful completion of the Adonis Administration Course, students should be able to:

- Deploy DNS and DHCP configurations
- Import existing DNS configurations
- Understand Adonis security features
- Configure BIND Views
- Configure integration with Active Directory
- Configure Crossover High Availability (XHA)
- Configure DHCP failover
- Manage Users within Adonis

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### DNS and DHCP Fundamentals

- What is DNS and the DNS namespace
- DNS & DHCP client/server communication
- Resource record types and their functions

### Adonis Physical Setup

- Password types and their uses
- Configuring the Adonis server
- Using the Administration Console

### Introduction to the Management Console

- Installing the Management Console
- Creating DNS & DHCP configurations
- Working with Project Files

### Configuring DNS

- Adding the DNS service
- Zone creation and maintenance
- DNS levels and options
- Zone Templates

### BIND Views

- Configuring BIND views
- Setting the matching order
- Setting the published and virtual addresses

### Importing DNS Files

- Importing a BIND DNS configuration
- Importing a Microsoft DNS configuration
- Conducting a Live Zone Import

### Security Features

- Securing Adonis communications
- Certificate management
- Firewall settings and version response
- Transaction Signatures (TSIGs)

### Active Directory Integration

- Active Directory Integration scenarios
- Configuring an Active Directory zone
- Active Directory options in DNS
- SRV record registration in Adonis

### Configuring DHCP

- DHCP Options
- Class and Host declarations
- Configuring MAC filtering
- Creating a Vendor Profile

### Dynamic DNS

- Understand DDNS
- Configuring DNS & DHCP for DDNS

### Crossover High Availability

- Understanding High Availability options
- Maintaining, repairing, updating and breaking an XHA cluster

### DHCP Failover

- Relationship, communication and normal operation of a failover environment
- Failover configuration and settings

### MAC Authentication

- Configuring MAC authentication
- Configuring MAD servers and authenticators
- Adding MAC Authentication pools

### User Management

- Enabling User Management
- Creating User and Group accounts
- Assigning access rights
- Using external authenticators

### Get Started Today

Visit [www.bluecatnetworks.com/customer-services/training](http://www.bluecatnetworks.com/customer-services/training) or email [training@bluecatnetworks.com](mailto:training@bluecatnetworks.com) to inquire about our course schedules and to obtain more information about our training offerings.