



The Adaptive DNS Company™

BLUECAT TRAINING SERVICES

IPAM Essentials

BlueCat Training Services empower your staff with 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.

IPAM Essentials is an introductory eLearning course that gives networking professionals a functional understanding of the BlueCat Address Manager with a focus on system navigation and the provisioning of IPAM objects, notably static IP addresses, DNS resource records and DHCP ranges and reservations. The course assumes that attendees have a general understanding of networking concepts, as well as DNS, DHCP and IPv4 addressing. To offer the most flexibility for your staff, IPAM Essentials may be viewed on LearningSPACE, BlueCat's Learning Management System.

COURSE OBJECTIVES

Upon successful completion of IPAM Essentials, attendees are able to:

- Navigate the Address Manager System
- Use Various Features including Search and Data Restore Functions
- Provision IPv4 Addresses
- Manage DHCP Ranges and Reservations
- Manage DNS Resource Records

MODULE 1: UNDERSTANDING BLUECAT

- The BlueCat Management and Service Layers
- The Purpose of an Address Manager Configuration
- Understanding Servers and Deployment Roles
- The BlueCat Deployment and Notification Model

MODULE 2: NAVIGATING THE SYSTEM

- Working with the My IPAM page
- Navigating using Tabs and Breadcrumbs
- The Purpose of the Quick Actions Widget
- Using Table Filtering and Search Functions
- Using Data Restore to Recover Deleted Objects
- Using the Online Help System

MODULE 3: IPV4 MODELING

- IPAM Objects Used to Model the IPv4 Address Space
- IPv4 Address Types
- Creating Static Addresses
- Changing the State of Allocated Addresses
- Use the Find First Unassigned IPv4 Address Tool

MODULE 4: CONFIGURING DHCP

- Configuring DHCP Ranges and Reservations
- Working with Dynamically Assigned Addresses
- DHCP Deployment Options
- Deploying DHCP

MODULE 5: CONFIGURING DNS

- Understanding DNS Communication
- Creating Host Resource Records
- Creating Additional Resource Records
- Working with the Reverse Address Space
- Configuring Start of Authority Records
- Deploying DNS

Get Started Today

Visit <https://www.bluecatnetworks.com/training/> or email learn@bluecatnetworks.com to inquire about our course schedules and to obtain more information about our training courses.

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