



BLUECAT NETWORKS

BlueCat Training Services

IPAM Administration Course Outline

BlueCat Training Services empower your staff with hands-on training that keeps pace with the design and deployment of your BlueCat solution. BlueCat training 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

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, this course is appropriate for level-one technicians, and is a pre-requisite for the IPAM Administration course.

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. This course is appropriate for system administrators and IPAM owners.

Audience

The IPAM Administration Course is a 15-hour course designed for individuals employed to design and administer DNS, DHCP, and IPAM 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, and have successfully completed the IPAM Essentials Course.

Course Objectives

Upon successful completion of the IPAM Administration Course, students are able to:

- Setup, monitor, & maintain an IPAM solution
- Configure advanced DNS & DHCP features
- Manage Users, Groups, and Authenticators
- Configure DNS Security Extensions
- Manage IPv6 environments
- Setup Workflow
- Configure High Availability
- Manage Windows DNS/DHCP Services

Course Venues

Your staff can attend the IPAM Administration Course at your facilities, at one of our training facilities, or through our Virtual Instructor Led Training program.

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IPAM Administration Course Outline

Module 1: Advanced DNS Configuration

- Using DNS Views
- Hidden Master/Stealth Slave
- Recursion & Forwarding
- Stub Zones & Delegation
- Dynamic DNS (DDNS)
- Active Directory and DNS
- Naming Policy Management

Module 2: DNSSEC

- DNSSEC Overview
- DNSSEC Signing Policies
- DNSSEC Configuration

Module 3: Advanced DHCP Configuration

- DHCP Vendor Profiles
- DHCP Custom & Raw Options
- DHCP Match Classes
- DHCP Failover
- MAC Authentication

Module 4: Managing Adonis Servers

- Deployment Roles
- Monitoring Adonis Servers
- Replacing & Updating Adonis Servers
- Managing Adonis Patches

Module 5: Managing Proteus

- User Management
- System Management & Monitoring
- Event and Transaction Auditing
- Database Management

Module 6: Reporting

- Defining and Generating Reports

Module 7: Proteus Security Model

- Security & Access Rights
- Security Privileges

Module 8: IPv6

- Local & Global IPv6 Space
- IPv6 Blocks and Networks

Module 9: Workflow

- Configuring and Managing Workflow Users

Module 10: IP Reconciliation

- IP Reconciliation Policies
- Discovery and IP Reconciliation Management

Module 11: Crossover High Availability

- High Availability in DNS and DHCP
- Configuring XHA
- Performing an XHA Failover
- Managing Servers in XHA

Module 12: Proteus Administration Console

- The Proteus CLI

Module 13: Adonis Administration Console

- The Adonis CLI

Module 14: Maintenance and Disaster Recovery

- Managing Database Backups
- Database Replication
- Configuring for Disaster Recovery

Module 15: Proteus Management Agent for Windows

- PMA Management Modes
- Migrating Windows information to Proteus
- Managing Windows DNS
- Managing Windows DHCP

Get Started Today

Visit www.bluecatnetworks.com/customer-services/training or email training@bluecatnetworks.com to inquire about our course schedules and to obtain more information about our training offerings.