BlueCat Training Services empower 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.

The **Configuring the BlueCat Device Registration Portal** course focuses on the management of the BlueCat Device Registration Portal. The course provides students with the fundamentals necessary to configure the various components in the system. In addition, it gives students the chance to experience device registration and perform administrative functions.

**COURSE VENUES**

Your staff can attend the **Configuring the BlueCat Device Registration Portal** course at your facilities or through our Virtual Instructor-Led Training program.

**AUDIENCE**

The **Configuring the BlueCat Device Registration Portal** course is a 10-hour course designed for individuals employed as DNS, DHCP and IPAM administrators who need to manage the Device Registration Portal. This course assumes that attendees have a general understanding of networking concepts and TCP/IP protocols, as well as a strong grasp of DNS, DHCP and IP addressing.
COURSE OBJECTIVES

Upon successful completion of the Configuring the BlueCat Device Registration Portal course, attendees are able to:

- Prepare Address Manager for the Device Registration Portal
- Configure the necessary DHCP objects including Ranges, Options, and MAC Pools
- Configure DNS objects including Views, Zones and Options
- Configure Scheduled Deployments
- Configure Device Registration Portal settings including LDAP Settings
- Register Devices using the Device Registration Portal
- Administer the Device Registration Portal including blacklisting and deleting devices
- Troubleshoot Device Registration

MODULE 1: INTRODUCTION TO DEVICE REGISTRATION
- Understanding the Device Registration Process

MODULE 2: PREPARING ADDRESS MANAGER FOR DEVICE REGISTRATION
- Creating the API User
- Importing User-Defined Fields
- Creating an Object Tag Group
- Configuring Scheduled Deployments

MODULE 3: CONFIGURING DHCP FOR DEVICE REGISTRATION
- Creating IP Blocks and Networks
- Creating DHCP Ranges
- Creating MAC Pools
- Configuring DHCP Deployment Options and Roles

MODULE 4: CONFIGURING DNS FOR DEVICE REGISTRATION
- Creating DNS Views and Zones
- Creating the necessary resource records
- Configuring DNS Deployment Options and Roles

MODULE 5: CONFIGURING THE DNS/DHCP SERVER
- Setting the password on the Portal account

MODULE 6: CONFIGURING THE DEVICE REGISTRATION PORTAL SERVER
- Configuring network and time settings
- Launching Setup Mode
- Configuring the DRP Server
- Committing and Backing out of Configuration Changes

MODULE 7: ADMINISTERING THE DEVICE REGISTRATION PORTAL SERVER
- Logging on as an Administrative User
- Searching for a Registered Device
- Registering a Device on Behalf of a User
- Blacklisting a Device
- Deleting a Device

MODULE 8: TROUBLESHOOTING
- Troubleshooting Pre-Registration
- Troubleshooting LDAP Authentication
- Troubleshooting Registration
- Troubleshooting the Administration Process

MODULE 9: ADDITIONAL TOPICS
- Enabling SSL
- Customizing the Device Registration Portal

APPENDIX: USING A SINGLE NETWORK FOR THE DEVICE REGISTRATION PORTAL

Get Started Today

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