BLUECAT™

BlueCat Learning Certification Program

BlueCat Learning Certification Program
Integrity Stream

	BlueCat Learning	Instructor-Led Training
LEVEL 1	Integrity Essential Training	**Level 1 and 2** Integrity Fundamentals ILT
DESCRIPTION	A guided tour through all the core features and functions of BlueCat Integrity. Each course in this learning path focuses on getting familiar with the BlueCat Address Manager interface and accomplishing core DDI tasks, such as network modeling, configuring DHCP and DNS, deployment, server administration, user access policies, and monitoring.	An instructor-led training (ILT) course that focuses on the administration of the BlueCat Address Manager solution and the core network services provided by BlueCat DNS/DHCP Servers. Practical, hands-on instruction allows participants to practice configurations in a virtual lab environment.
COURSES	• Introduction to Integrity • IPv4 Address Management • DHCP Configuration • DNS Fundamentals • Managing DNS Deployment • Server Administration • User Access Management • System and Event Monitoring	• Navigating in Address Manager • Overview of IPv4 • IPv4 Address Management • IPv6 Address Management • Managing DHCP • DHCP Failover • Managing DNS • Managing Recursive DNS • Managing Dynamic DNS • Advanced DNS Topics • Managing Crossover High Availability • IP Reconciliation • User Management • Managing and Maintaining Address Manager • Configuring Backups and Replication • Reports and Data Visualization • Events, Transactions, and Log Files • Working with Metadata • Managing and Maintaining DNS/DHCP Servers • Anycast
LENGTH	3 hours 20 minutes	8 half-days (32 hours)
COMPLETION CERTIFICATE	Downloadable after each course is completed.	BlueCat Integrity Fundamentals ILT Participant
CERTIFICATION EXAM	BlueCat Integrity Certified Associate exam 1 hour 80% passing grade	
CERTIFICATION	BlueCat Integrity Certified Associate (BICA)	Upon successful completion of this course, participants are eligible to attempt the following certification exams: BlueCat Integrity Certified Associate (Level 1) BlueCat DNS Certified Professional (Level 2) BlueCat Fundamentals Certified Professional (Level 2)

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BlueCat Learning

LEVEL 2	DNS Professional
DESCRIPTION	A deep dive into configuring and managing DNS architectures with multiple zones and views, internal and external traffic, and dynamic DNS. This learning path also takes a close look at the syslog, query logging, and DNS activity features.
PREREQUISITE	Integrity Essential Training
COURSES	• Managing DNS Views and Zones • Dynamic DNS • DNS Logging • DNS Activity
RUNTIME	1 hour 14 minutes
COMPLETION CERTIFICATE	Downloadable after each course is completed.
CERTIFICATION EXAM	BlueCat DNS Certified Professional exam 1 hour 80% passing grade
CERTIFICATION	

BLUECAT™
DNS Certified
PROFESSIONAL

BlueCat DNS Certified
Professional (BDCP)

BlueCat Learning Certification Program
Integrity Stream

BlueCat Learning

| LEVEL 2	Integrity Fundamentals – Essential Training Path
DESCRIPTION	This training path focuses on the management of DHCP, the IP address space, server administration, IP discovery and administration, and crossover high availability pairs.
PREREQUISITE	Integrity Essential Training
COURSES	• Advanced IPv4, IPv6, and DHCP Management • Integrity Server Management • IP Discovery and Reconciliation • Crossover High Availability • Integrity Updates
RUNTIME	3 hours 20 minutes
COMPLETION CERTIFICATE	Downloadable after each course is completed.
CERTIFICATION EXAM	BlueCat Fundamentals Certified Professional exam 1 hour 30 minutes 70% passing grade This exam is cumulative. It will cover topics learned in other learning paths, including: - Integrity Essential Training - DNS Professional - Integrity Fundamentals – Essential Training Path
CERTIFICATION	

BlueCat Fundamentals
Certified Professional
(BFCP)

BlueCat Learning Certification Program
Integrity Stream

	BlueCat Learning	Instructor-Led Training
LEVEL 2	DNS Security in Integrity	Security and Advanced Configuration ILT
DESCRIPTION	This course focuses on how to secure networks using DNSSEC, response policy zones, and BlueCat Threat Protection. The course starts with an overview of the DNSSEC protocol and how it can be configured in Integrity. This series also provides strategies to create effective response policy zones and integrate threat feeds.	This instructor-led training course teaches topics related to DNS security and advanced IP address management concepts. Practical, hands-on instruction allows participants to practice configurations in a virtual lab environment.
PREREQUISITE	Integrity Essential Training	Integrity Fundamentals ILT or all of the following: • Integrity Essential Training • DNS Professional • Integrity Fundamentals – Essential Training Path
COURSES	• What is DNSSEC? • Configuring DNSSEC • Response Policy Zones • BlueCat Threat Protection	• Securing Address Manager • Identity and Access Management (SSO and OAuth) • Securing DNS • DNS Secure Architectures • DNS Zone Transfers • DNS Logging and DNS Activity • Cache Poisoning • DNSSEC • DDoS Attacks • DNS Response Policies and Threat Protection
RUNTIME	1 hour	2 half-days (8 hours)
COMPLETION CERTIFICATE	Downloadable after each course is completed.	BlueCat Security and Advanced Configuration Participant
CERTIFICATION EXAM	BlueCat Advanced Certified Professional exam 1 hour 70% passing grade	BlueCat Advanced Certified Professional exam 1 hour 70% passing grade
CERTIFICATION	BlueCat Advanced Certified Professional (BACP)	BlueCat Advanced Certified Professional (BACP)
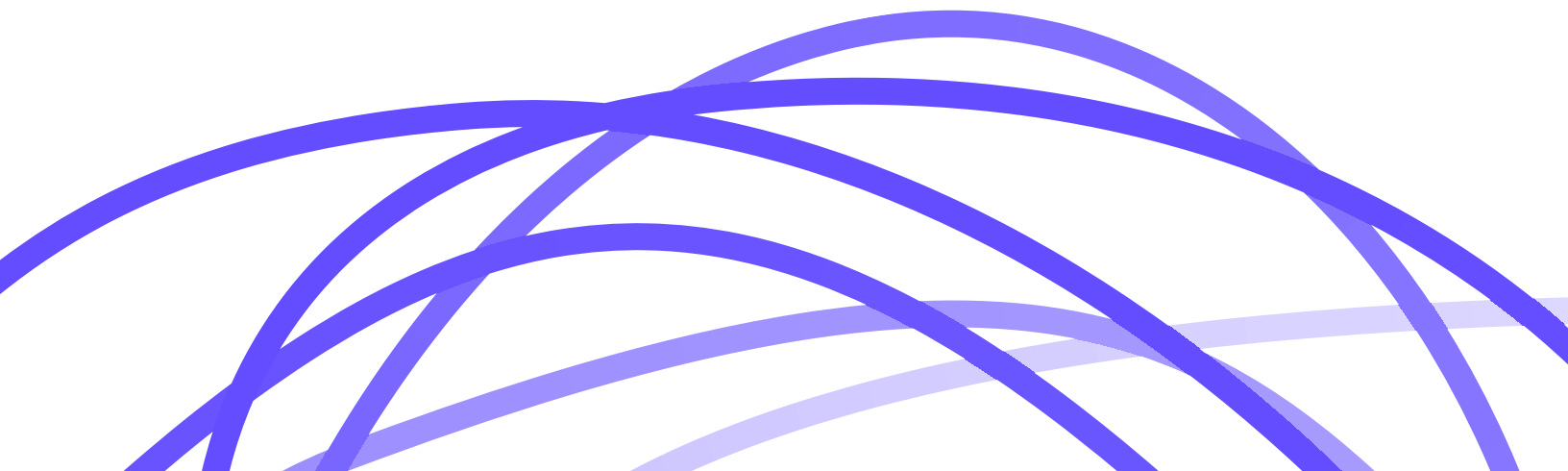
BlueCat Learning Certification Program
Integrity Stream

BlueCat Learning

LEVEL 3	Support Provider Fundamentals
DESCRIPTION	Focuses on advanced troubleshooting and management of BlueCat Address Manager and BlueCat DNS/DHCP Server. It includes a guided tour through the directory structure of BlueCat appliances; the configuration files for DNS, DHCP, SNMP, and Anycast; and the processes behind deployment and notifications. Dive deep into datarake diagnostic tools, and learn about a host of command line tools used to support BlueCat appliances.
COURSES	• Linux Toolbox Level One • Supporting DNS/DHCP Server • Supporting Address Manager • Providing Support with Datarake Diagnostics • Linux Toolbox Level Two • Working with Customer Success
RUNTIME	1 hour
COMPLETION CERTIFICATE	Downloadable after each course is completed
CERTIFICATION EXAM	BlueCat Support Provider Certified Professional exam 1 hour 70% passing grade
CERTIFICATION	 BlueCat Support Provider Advanced Certified Professional (BSCA)

BlueCat Learning Certification Program
Edge Stream

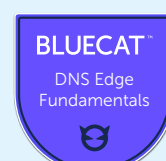|	BlueCat Learning	Instructor-Led Training
LEVEL 1	DNS Edge Fundamentals	Edge Fundamentals
DESCRIPTION	A guided tour through all the core features and functions of BlueCat DNS Edge. This series demonstrates how to gain visibility and control over internal and external DNS traffic, and to optimize and secure networks. Courses in this learning path focus on getting familiar with core Edge concepts, the Edge UI, filtering Edge data, configuring and optimizing namespaces and sites, and policies controlling query resolution.	An instructor-led training (ILT) course that focuses on the administration of BlueCat DNS Edge. Participants will gain a thorough understanding of how Edge identifies, assesses, and acts to protect against threats. It also includes a deep dive into configuring namespaces, sites, and policies for complete control over query resolution. Practical, hands-on instruction allows participants to practice configurations in a virtual lab environment.
COURSES	• Edge Concepts • Navigation and User Management • Filtering Edge Data • Edge Namespace and Sites • Working with Policies in Edge	• Intro to Edge • DNS Foundations • Edge Concepts • Threat Concepts • Navigation and User Management • Filtering • Domain Lists • Namespaces • Sites and Service Points • Policies • Scenario Workshop • Automation and Integrations
RUNTIME	2 hours	4 half-days (14 hours)
COMPLETION CERTIFICATE	Downloadable after each course is completed	 BlueCat Edge Fundamentals Participant
CERTIFICATION EXAM	BlueCat Edge Fundamentals exam 1 hour 80% passing grade	
CERTIFICATION	 BlueCat Edge Fundamentals	 BlueCat Edge Fundamentals

BlueCat Learning Certification Program
Automation Stream

	BlueCat Learning	**Instructor-Led Training**
LEVEL 1	Gateway Fundamentals	Gateway Fundamentals ILT
DESCRIPTION	A guided tour through all the core features and functions of BlueCat Gateway, the automation engine for BlueCat DNS Integrity. This series focuses on the core technologies behind BlueCat automation, configuration of BlueCat DNS automation tools, managing BlueCat automation workflows, customizing automation settings, and extending automation capabilities.	An instructor-led training (ILT) course that focuses on configuration of BlueCat DNS automation tools, managing BlueCat-certified automation workflows, and customizing automation settings.
COURSES	• Gateway Concepts • Gateway Basics • Customizing Gateway • Gateway Workflows • Extending Gateway • Troubleshooting Gateway	• Getting Started with Gateway • Basic Functionality • Customizing Gateway • Working with Workflows • Gateway Extensions • Maintenance and Troubleshooting
RUNTIME	3 hours	4 half-days (14 hours)
COMPLETION CERTIFICATE	Downloadable after each course is completed.	 BlueCat Gateway Fundamentals Participant
CERTIFICATION EXAM	BlueCat Gateway Fundamentals exam 1 hour 80% passing grade	
CERTIFICATION	 BlueCat Gateway Fundamentals	 BlueCat Gateway Fundamentals

BlueCat Learning Certification Program
Automation Stream

BlueCat Learning

LEVEL 2	Hybrid Cloud
DESCRIPTION	A guided tour through BlueCat's hybrid cloud offering, including Cloud Discovery & Visibility for AWS, Azure, and Google Cloud, and Hybrid DNS Update. This series includes a deep dive into DDI considerations and best practices for migrating to cloud.
COURSES	• DDI for Hybrid Cloud • Cloud Discovery & Visibility for AWS • Cloud Discovery & Visibility for Azure • Cloud Discovery & Visibility for Google Cloud • Hybrid DNS Update
RUNTIME	1 hour
COMPLETION CERTIFICATE	Downloadable after each course is completed.
CERTIFICATION EXAM	BlueCat Hybrid Cloud Certified Professional exam 1 hour 80% passing grade
CERTIFICATION	**BLUECAT™** Hybrid Cloud **PROFESSIONAL** BlueCat Hybrid Cloud Certified Professional

BlueCat Learning Certification Program
DDI Stream

BlueCat Learning

LEVEL 1	DHCP 101
DESCRIPTION	Learn the foundations of the DHCP protocol, from what it is and why it is important to how it works. This course introduces DHCP packet structure, message formats, options, scopes, network architecture, and server files.
COURSES	• What is DHCP • History of DHCP • How DHCP Works • DHCP Message Format • DHCP Options • Network Architecture • DHCP Server Files
RUNTIME	1 hour
COMPLETION CERTIFICATE	Downloadable after each course is completed.
CERTIFICATION EXAM	DHCP 101 exam 1 hour 80% passing grade
CERTIFICATION	BLUECAT™ DHCP 101 DHCP 101 Certified

Still have questions about BlueCat Learning?

We're here to answer them or even schedule a walkthrough of what BlueCat Learning can offer you.

Contact your BlueCat sales representative directly or send BlueCat Learning an email.

Email us