DevOpsSchool

Course curriculum · November 2026

ZABBIX · CERTIFICATION-FOCUSED PROGRAM

Zabbix Certified Professional (ZCP) Course

A practical, hands-on Zabbix Certified Professional (ZCP) Course curriculum: 117 topics over 3 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	117 topics over 3 days
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/zabbix/zabbix-certified-professional-zcp.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Zabbix Certified Professional (ZCP) Course matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 117 TOPICS OVER 3 DAYS

Day 1

48 topics · Intro: Zabbix requirements

Day 2

23 topics · Preprocessing: Overview

Day 3

46 topics · VMware monitoring: Overview

AGENDA · 117 TOPICS OVER 3 DAYS

Zabbix Certified Professional (ZCP) Course agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

48 topics

1. Intro: Zabbix requirements
2. Intro: Zabbix main components
3. Intro: Communication between Zabbix components
4. Intro: Data collection
5. Intro: Zabbix internal workflow
6. Zabbix frontend: Nginx setup
7. Zabbix frontend: Nginx tuning
8. Zabbix frontend: Nginx monitoring
9. Zabbix frontend: HTTPS setup
10. Zabbix frontend: Practical task
11. Zabbix agent 2: Overview
12. Zabbix agent 2: Buffers
13. Zabbix agent 2: Main components
14. Zabbix agent 2: Installation
15. Zabbix agent 2: Command-line options
16. Zabbix agent 2: Plugin configuration
17. Zabbix agent 2: Named sessions
18. Zabbix agent 2: Specific keys
19. Zabbix agent 2: Practical task
20. Zabbix agent: Remote commands
21. Zabbix agent: Key restriction patterns
22. Zabbix agent: Key restriction rule order
23. Zabbix agent: Key restriction notes
24. Zabbix agent: Practical task
25. Encryption: Overview
26. Encryption: Zabbix options
27. Encryption: TLS Accept / Connect
28. Encryption: Using Certificates
29. Encryption: Using pre-shared keys
30. Encryption: Notes
31. Encryption: Practical task
32. Autoregistration: Overview
33. Autoregistration: HostMetadata
34. Autoregistration: HostInterface
35. Autoregistration: Actions
36. Autoregistration: Passive checks

37. Autoregistration: Encryption
38. Autoregistration: Practical task
39. Network discovery: Overview
40. Network discovery: Host/service events
41. Network discovery: Uptime/Downtime
42. Network discovery: Actions
43. Network discovery: Notes
44. Network discovery: Practical task
45. Database monitoring: ODBC overview
46. Database monitoring: Configuration
47. Database monitoring: DSN and connection string
48. Database monitoring: Practical task

DAY 2

23 topics

49. Preprocessing: Overview
50. Preprocessing: Internal workflow
51. Preprocessing: XML path
52. Preprocessing: JSON path
53. Preprocessing: CSV to JSON
54. Low-level discovery: Introduction
55. Low-level discovery: LLD rule properties
56. Low-level discovery: LLD macros
57. Low-level discovery: Item prototypes
58. Low-level discovery: Practical task
59. Low-level discovery: Graph prototypes
60. Low-level discovery: Trigger prototypes
61. Low-level discovery: Context support in user macros
62. Low-level discovery: LLD of system services
63. Low-level discovery: LLD on Windows
64. Low-level discovery: LLD overrides
65. Low-level discovery: LLD internal workflow
66. Low-level discovery: LLD using dependent items
67. Low-level discovery: LLD and throttling
68. Low-level discovery: LLD of filesystems
69. Low-level discovery: LLD using SQL
70. Low-level discovery: LLD of SNMP OIDs
71. SNMP monitoring: Dynamic indexes

DAY 3

46 topics

72. VMware monitoring: Overview

73. VMware monitoring: Built-in templates
74. Low-level discovery: Host prototypes
75. VMware monitoring: Configuration
76. VMware monitoring: Notes
77. JMX monitoring: Overview
78. JMX monitoring: Zabbix Java gateway
79. JMX monitoring: Zabbix server configuration
80. JMX monitoring: Java application configuration
81. JMX monitoring: Practical task
82. Low-level discovery: LLD via JMX
83. Predictive trigger functions: Overview
84. Predictive trigger functions: Forecast
85. Predictive trigger functions: Timeleft
86. Predictive trigger functions: Notes
87. Predictive trigger functions: Practical task
88. Advanced trigger functions: Count
89. Advanced trigger functions: Percentile
90. Event correlation: Overview
91. Event correlation: Trigger-based correlation
92. Event correlation: Global correlation
93. Zabbix proxies: Overview
94. Zabbix proxies: Active/passive proxies
95. Zabbix proxies: Configuration
96. Zabbix proxies: Health monitoring
97. Zabbix proxies: Runtime commands
98. Zabbix proxies: Throttling
99. Zabbix proxies: Practical task
100. Docker images: Overview
101. Docker images: Deploying Zabbix proxy
102. Real-time data export: Overview
103. Real-time data export: Practical task
104. Zabbix internals: Caches
105. Zabbix internals: Internal processes
106. Zabbix internals: Data collectors
107. Zabbix internals: Practical task
108. Zabbix performance: New values per second
109. Zabbix performance: Bottlenecks
110. Zabbix performance: Database tuning (MySQL) & partitioning
111. Zabbix performance: Recommendations
112. Zabbix releases: Zabbix release policy
113. Zabbix releases: Zabbix upgrade

114. Discussions: Q&A session
115. Course attendance certificate
116. Zabbix 5.0 Certified Professional Exam
117. Zabbix 5.0 Certified Professional Certificate

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> "Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program."
>
> Indrayani, India

> "The training was very useful and interactive. Rajesh helped develop the confidence of all."
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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