DevOpsSchool

Course curriculum · November 2026

LEVEL 02 OF 04 · ESSENTIAL

Icinga Essential Training

Model hosts, services and groups, monitor Linux, Windows, network devices and web services, and send basic email alerts.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **2 days · Days 1-2**	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**

Foundation	Essential	Intermediate	Advanced
1 day · Included	2 days · This curriculum	3 days · Next step	5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	24 topics · Foundation to Essential
Hands-on labs	2 labs
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/icinga/icinga-essential-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Icinga course path, you will be able to:

1

Deploy the Icinga stack

Install and configure Icinga 2, Icinga DB, Icinga Web and Director for real infrastructure.

2

Monitor without alert noise

Model checks, dependencies, notifications and escalations that alert the right people only.

3

Scale and secure monitoring

Run distributed, highly available, automated and hardened Icinga clusters.

WHAT THE ESSENTIAL LEVEL ADDS

Objects, plugins, remote checks and basic alerting

Hands-on: Monitor a mixed small office. Add Linux, Windows, a network switch and a public website to Icinga with grouped services and email alerts, then acknowledge and resolve a simulated outage.

WHO SHOULD ATTEND

- Learners who know the basics of Icinga and want to use it confidently every day.
- Professionals taking over Icinga work on a live project.
- Teams agreeing on a common way of working with Icinga.

BEFORE YOU START

- The Foundation level, or equivalent hands-on experience.
- You can already: Install Icinga 2 with Icinga DB and Icinga Web, understand the configuration layout and monitor your first hosts and services.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO ESSENTIAL

Icinga Essential Training agenda

24 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Monitoring concepts, Icinga stack and installation

Included from Foundation

1. Monitoring fundamentals: availability versus performance monitoring, checks, states and alerting, the Nagios heritage
2. The Icinga stack: Icinga 2 core, Icinga DB with Redis and a SQL database, Icinga Web, Icinga Director and modules
3. Single-node design: one master running the core, Icinga DB and Icinga Web for a small environment
4. Installing Icinga 2: packages.icinga.com repositories, the icinga2 package and icinga2 feature list and enable
5. Master setup: icinga2 node wizard, the API feature and the local certificate authority
6. Icinga DB: icingadb-redis, the icingadb daemon and MySQL or PostgreSQL schema import
7. Icinga Web: installation, setup wizard token, authentication backend and the Icinga DB Web module
8. Monitoring Plugins: installing the monitoring-plugins package and the PluginDir constant
9. Configuration layout: /etc/icinga2, icinga2.conf, constants.conf, zones.conf and the conf.d directory
10. First host and services: Host object with address, ping4, ssh and http services and check_command
11. Validate and reload: icinga2 daemon -C, systemctl reload icinga2 and reading icinga2.log
12. First look in Icinga Web: host and service detail views, check now and the problems list

DAY 2 — Essential: Objects, plugins, remote checks and basic alerting

New at this level

13. Object model: Host, Service, CheckCommand, User, Notification, Zone and Endpoint types and their key attributes
14. Host and service groups: grouping by role, location and owner with assign where expressions
15. Check states: OK, WARNING, CRITICAL and UNKNOWN, soft and hard states, max_check_attempts, check and retry intervals
16. Monitoring Plugins in practice: check_disk, check_load, check_procs, check_swap and the built-in ITL CheckCommand definitions
17. Remote Linux checks over SSH: the by_ssh command, key setup and when to prefer the Icinga agent
18. Icinga for Windows: PowerShell framework, Windows plugins for CPU, memory, disks and services
19. Network devices: SNMP checks for switches, routers and firewalls, interface status and bandwidth
20. Web and service checks: HTTP content, TLS certificate expiry, DNS, SMTP and database availability
21. Basic notifications: users, email notification commands, states and types filters
22. Icinga Web daily use: tactical overview, problems, history, search and quick acknowledgement
23. Icinga Director introduction: installing the module, defining hosts in the web UI and deploying configuration
24. Configuration hygiene: naming conventions, one object per file, comments and icinga2 object list for inspection

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

Install Icinga and monitor two hosts

Install Icinga 2, Icinga DB and Icinga Web on one VM, then define two Linux hosts with ping, SSH and HTTP checks and see their states in the web interface.

ESSENTIAL

Monitor a mixed small office

Add Linux, Windows, a network switch and a public website to Icinga with grouped services and email alerts, then acknowledge and resolve a simulated outage.

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	All four Icinga levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	2 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. 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 ICINGA 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 levels of this course: www.devopsschool.com/courses/icinga/

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Icinga Essential Training

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Next step after this level: Icinga Intermediate Training - Build scalable apply-rule configuration, automate with the API, run distributed zones with secure agents and cut alert noise with dependencies.