DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Solarwinds Advanced Training

Scale, secure and integrate SolarWinds across a multi-site enterprise with high availability and a governed upgrade path.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **5 days · Days 1-5**	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 · Included	3 days · Included	5 days · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	49 topics · Foundation to Advanced
Hands-on labs	4 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/solarwinds/solarwinds-advance-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 Solarwinds course path, you will be able to:

1

Monitor networks and servers

Deploy SolarWinds to monitor network devices, servers, applications and logs from one console.

2

Act on the right alerts

Build tuned alerts, reports and dashboards that help teams find and fix problems faster.

3

Run SolarWinds at scale

Automate, secure, scale and integrate the platform for enterprise operations.

WHAT THE ADVANCED LEVEL ADDS

Scale, high availability, security and enterprise integration

Hands-on: Highly available multi-site design. Add an additional polling engine and an HA pool, back up device configs with NCM and connect alerts to a ServiceNow incident integration.

WHO SHOULD ATTEND

- Experienced Solarwinds practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Solarwinds solutions.
- Teams making Solarwinds an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Extend monitoring to servers, applications and logs, automate routine work and keep the platform itself performing well.
- 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 ADVANCED

Solarwinds Advanced Training agenda

49 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: SolarWinds Platform architecture and installation

Included from Foundation

1. Overview of SolarWinds: introduction to the SolarWinds Platform (formerly Orion) and its architecture
2. Key SolarWinds modules and their functionalities: NPM, SAM, NCM, NTA, IPAM, VMAN and Log Analyzer
3. Platform components: main polling engine, web console, SQL Server database and additional polling engines
4. System requirements and installation process: server sizing, SQL Server, the installer and licence activation
5. Setting up the SolarWinds environment: service accounts, firewall ports, user accounts and roles
6. Configuring SolarWinds for first-time use: Configuration Wizard, credentials and polling intervals
7. Polling methods: ICMP, SNMP v2c and v3, WMI and agent-based polling
8. Network Sonar Discovery: discovering devices by IP range or subnet and importing nodes
9. Exploring the SolarWinds web console: summary pages, node details, menus and settings
10. First health view: node status, response time, packet loss and up or down states

DAY 2 — Essential: Network performance monitoring, alerting and reporting

Included from Essential

11. Network performance monitoring: what Network Performance Monitor (NPM) measures and how polling works
12. Configuring and managing nodes and interfaces: add, edit, unmanage, mute and custom properties
13. Setting up network performance monitors: CPU, memory, interface utilisation, errors and discards
14. Network Insights for deeper visibility: Cisco ASA, Cisco Nexus, F5 BIG-IP and Palo Alto devices
15. NetPath and PerfStack: hop-by-hop path analysis and correlating metrics on one timeline
16. Groups and dependencies: logical groups, parent-child dependencies and alert suppression
17. Best practices for monitoring network performance: polling intervals, baselines and thresholds
18. Customising alerts and notifications: trigger and reset conditions, email, SNMP trap and script actions
19. Configuring advanced alert thresholds: dynamic baselines, sustained conditions and time-of-day schedules
20. Creating custom reports and dashboards: Modern Dashboards, web-based reports and report scheduling
21. Built-in reports: availability, top-N utilisation and inventory reports and adapting them to your needs
22. Hands-on lab: practical exercises on network performance monitoring and alerting

DAY 3 — Intermediate: Servers, applications, logs, security and automation

Included from Intermediate

23. Server monitoring with SolarWinds: introduction to Server & Application Monitor (SAM)
24. Configuring server monitoring: assigning application monitors and component monitors to nodes
25. Monitoring server health and performance metrics: CPU, memory, disk, services, processes, hardware health
26. Application monitoring for critical business applications: AppInsight for SQL, IIS and Exchange
27. Monitoring web applications and databases: HTTP and HTTPS monitors and SQL query monitors
28. Application Performance Monitor (APM) heritage in SAM: component monitor types and thresholds
29. Log management and analysis: SolarWinds Log Analyzer overview, configuring log sources and parsing logs
30. Alerts for log events: rules on syslog, SNMP traps and Windows events that trigger platform alerts

31. Advanced troubleshooting techniques: correlating data from multiple sources and problem identification
32. Security monitoring with SolarWinds: concepts, configuring security alerts and network security best practices
33. Automation and scripting: repetitive tasks, SolarWinds API and SDK (SWIS, SWQL) and PowerShell scripts
34. Optimising SolarWinds performance: minimising resource usage, regular maintenance tasks and updates
35. Real-world scenarios and case studies: use cases, group discussion on challenges and shared best practices
36. Final hands-on lab: scenarios combining security monitoring, automation and performance optimisation

DAYS 4-5 **Advanced: Scale, high availability, security and enterprise integration** **New at this level**

37. Scaling the platform: additional polling engines, polling capacity and scalability engine guidance
38. High availability: SolarWinds HA pools for the main and additional polling engines
39. Database at scale: SQL Server sizing, data retention settings and database maintenance
40. Enterprise Operations Console (EOC): federated views across multiple SolarWinds instances
41. Network Configuration Manager (NCM): config backups, change detection, compliance policies and firmware updates
42. NetFlow Traffic Analyzer (NTA): flow sources, top talkers, application traffic and CBQoS
43. IP Address Manager (IPAM): subnet management, DHCP and DNS integration and IP conflict detection
44. Hybrid and cloud monitoring: Virtualization Manager, AWS and Azure monitoring, Hybrid Cloud Observability
45. Platform hardening: least privilege, SAML single sign-on, HTTPS, patching and lessons from the SUNBURST incident
46. Role-based access: account limitations, team-specific views and audit events
47. ITSM and chat integrations: ServiceNow incident integration, alert webhooks, Microsoft Teams and Slack
48. Upgrades and migrations: upgrade planning, moving to new servers, database migration and SaaS observability options
49. Capstone: design and roll out a monitoring architecture for a multi-site enterprise

PRACTICE

Hands-on labs

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

FOUNDATION

Install and discover a lab network

Install the SolarWinds Platform with SQL Server, run a Network Sonar Discovery against a lab subnet and review the imported nodes in the web console.

ESSENTIAL

Network monitoring with smart alerts

Monitor routers, switches and interfaces, build an alert with sustained thresholds and email actions and publish a Modern Dashboard for the network team.

INTERMEDIATE

Monitor and automate a server estate

Monitor Windows and Linux servers and a SQL Server with SAM, add log alerts with Log Analyzer and bulk-update custom properties using a PowerShell SWIS script.

ADVANCED

Highly available multi-site design

Add an additional polling engine and an HA pool, back up device configs with NCM and connect alerts to a ServiceNow incident integration.

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 Solarwinds levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 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 SOLARWINDS 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/solarwinds/

ENROL OR RESERVE A SEAT **Solarwinds Advanced Training**	WHATSAPP · INDIA **+91 99057 40781**
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