DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Microsoft System Center Advanced Training

Design highly available, secure and hybrid System Center deployments and plan upgrades and Azure integration.

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	45 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/mssystemcenter/mssystemcenter-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 Microsoft System Center course path, you will be able to:

1

Deploy System Center components

Install and configure Operations Manager, VMM, DPM, Orchestrator and Service Manager in a working lab.

2

Run datacenter operations

Monitor, provision, protect and automate Windows and Hyper-V infrastructure day to day.

3

Design for resilience and hybrid

Plan high availability, security, upgrades and Azure integration for System Center estates.

WHAT THE ADVANCED LEVEL ADDS

High availability, hybrid cloud, security and upgrades

Hands-on: Highly available hybrid design capstone. Design and partly build an HA System Center deployment with SQL Always On, Azure Backup offsite copies and Azure Arc for VMM.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Automate operations with Orchestrator runbooks, run IT service processes in Service Manager and administer the suite securely with PowerShell.
- 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

Microsoft System Center Advanced Training agenda

45 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: System Center suite, architecture and first deployment

Included from Foundation

1. System Center overview: Operations Manager, Virtual Machine Manager, Data Protection Manager, Orchestrator and Service Manager
2. System Center 2025: what is in the current release, supported platforms and where Configuration Manager now sits
3. Common architecture: management servers, SQL Server databases, consoles, agents and service accounts
4. Prerequisites: Windows Server, SQL Server versions, Active Directory accounts and firewall ports
5. Lab design: domain controller, SQL Server, management servers and Hyper-V hosts for the course
6. Installing Operations Manager: first management server, operational and data warehouse databases
7. Operations console tour: monitoring, authoring, reporting and administration workspaces
8. Deploying agents: discovery wizard, manual installation and agent health states
9. Management packs basics: what they contain, sealed versus unsealed and importing core Windows packs
10. First monitoring result: health of a Windows Server, active alerts and closing an alert

DAY 2 Essential: Operations Manager, VMM and DPM day-to-day use

Included from Essential

11. Operations Manager tuning: overrides, groups, views and dashboards
12. Notifications: channels, subscribers and subscriptions for email and Teams alerts
13. Maintenance mode and cross-platform monitoring: Linux and UNIX agents in Operations Manager
14. Operations Manager reporting: availability, performance and alert reports
15. Installing Virtual Machine Manager: VMM server, database and console
16. VMM fabric: adding Hyper-V hosts and clusters, logical networks, VM networks and storage classifications
17. VMM library: library servers, VHDX files, ISO images and hardware, guest OS and application profiles
18. Creating and managing VMs in VMM: placement, live migration and checkpoints
19. Installing Data Protection Manager: DPM server, Modern Backup Storage volumes and agents
20. DPM protection groups: protecting Hyper-V VMs, SQL Server databases and file servers
21. DPM recovery: restoring VMs, databases, files and item-level recovery

DAY 3 Intermediate: Automation, service management and administration

Included from Intermediate

22. Orchestrator: architecture, Runbook Designer, activities and integration packs
23. Building runbooks: monitoring triggers, published data, branching and error handling
24. Service Manager: incident, problem, change and service request management
25. Service Manager connectors: Active Directory, Operations Manager and Configuration Manager connectors
26. Self-service portal: request offerings, service offerings and approval activities
27. Operations Manager authoring: custom monitors, rules, attributes and unsealed management packs
28. Run As accounts and profiles: secure credential distribution in Operations Manager
29. Role-based access: user roles in Operations Manager, VMM and DPM

30. PowerShell for System Center: OperationsManager, VirtualMachineManager and DataProtectionManager modules
31. VMM networking: logical switches, uplink port profiles and IP address pools
32. Updates: applying update rollups to each component in the correct order
33. Troubleshooting: event logs, Health Service state, agent communication and DPM consistency checks

DAYS 4-5 **Advanced: High availability, hybrid cloud, security and upgrades** — New at this level

34. Operations Manager high availability: resource pools, multiple management servers and gateway servers
35. Database availability: SQL Server Always On availability groups for System Center databases
36. Highly available VMM: clustered VMM server and library high availability
37. Software-defined networking with VMM: Network Controller, SLB and gateways
38. Guarded fabric and shielded VMs: Host Guardian Service with VMM
39. Offsite protection: DPM with Azure Backup and secondary DPM servers for disaster recovery
40. Hybrid management: Azure Arc-enabled SCVMM and Azure Monitor SCOM Managed Instance
41. Migrating monitoring: moving from Operations Manager management packs to Azure Monitor
42. Upgrading to System Center 2025: supported paths, order of components and rollback planning
43. Sizing and performance: management group sizing, database growth and data warehouse grooming
44. Security hardening: TLS configuration, least-privilege service accounts and tiered administration
45. Capstone: a highly available, hybrid System Center design with monitoring, backup and automation

PRACTICE

Hands-on labs

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

FOUNDATION **Install Operations Manager and monitor**
Build a System Center lab, install Operations Manager with SQL Server and monitor two Windows servers with imported management packs.

ESSENTIAL **Monitor, manage and protect a fabric**
Add Hyper-V hosts to VMM, deploy VMs from library resources, protect them with DPM and set Operations Manager notifications.

INTERMEDIATE **Alert-to-ticket automation**
Connect Operations Manager to Service Manager and build an Orchestrator runbook that creates incidents and performs a remediation step.

ADVANCED **Highly available hybrid design capstone**
Design and partly build an HA System Center deployment with SQL Always On, Azure Backup offsite copies and Azure Arc for VMM.

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 Microsoft System Center 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 MICROSOFT SYSTEM CENTER 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/mssystemcenter/

ENROL OR RESERVE A SEAT
Microsoft System Center Advanced Training

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