DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Microsoft Advanced Training

Design enterprise-scale Microsoft cloud estates with landing zones, zero trust, resilience, AI services and planned migrations.

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	47 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/microsoft/microsoft-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 course path, you will be able to:

1

Administer Microsoft cloud services

Manage Azure, Microsoft Entra, Windows Server and Microsoft 365 confidently from the portal, CLI and PowerShell.

2

Automate and secure workloads

Use infrastructure as code, CI/CD, containers and Microsoft security services to deliver and protect applications.

3

Design enterprise-ready estates

Plan landing zones, resilience, governance, AI adoption and migrations across the Microsoft platform.

WHAT THE ADVANCED LEVEL ADDS

Enterprise architecture, resilience, AI and migration

Hands-on: Enterprise landing zone capstone. Deploy a landing zone with policies, hub-spoke networking and PIM, then migrate and run a resilient application inside it.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Automate delivery with Azure DevOps or GitHub Actions, run containers on AKS, connect hybrid servers and secure identities and workloads.
- 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 Advanced Training agenda

47 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: Microsoft cloud ecosystem, tenants and core tools

Included from Foundation

1. Microsoft ecosystem overview: Azure, Microsoft 365, Microsoft Entra, Windows, Windows Server, GitHub and Azure DevOps
2. Tenants and subscriptions: Entra tenant, Azure subscriptions, management groups, resource groups and billing accounts
3. Azure global infrastructure: regions, availability zones, region pairs and service availability
4. Azure portal, Cloud Shell and Azure CLI: navigating resources and running first az commands
5. PowerShell 7: installing on Windows, Linux and macOS, cmdlets, objects and the Az module
6. Microsoft Entra ID basics: users, groups, licences and multifactor authentication
7. Windows Server 2025 overview: editions, Server Core versus Desktop Experience and Windows Admin Center
8. Microsoft 365 admin center: users, licences, domains and service health
9. Cost basics: pricing calculator, free account limits, budgets and Cost Management
10. First deployment: a web app on Azure App Service and a Linux VM, then cleaning up resources

DAY 2 — Essential: Administration, networking, identity and scripting

Included from Essential

11. PowerShell scripting: pipeline, variables, functions, modules, error handling and remoting
12. Azure networking: virtual networks, subnets, NSGs, peering, public IPs and Azure DNS
13. Azure storage: storage accounts, Blob and Files, access tiers, redundancy options and SAS tokens
14. Azure compute: VMs, scale sets, App Service plans and Azure Functions
15. Azure RBAC: built-in roles, scopes and least-privilege role assignments
16. Windows Server administration: Active Directory Domain Services, DNS, DHCP and Group Policy
17. Microsoft 365 workloads: Exchange Online, Teams and SharePoint Online administration basics
18. Device management: Microsoft Intune enrolment, compliance policies and app deployment
19. Azure Monitor: metrics, alerts, Log Analytics workspaces and first KQL queries
20. Infrastructure as code: Bicep files, parameters and deployments with az deployment group create
21. Team workflow: GitHub or Azure Repos, Azure Boards and pull request reviews

DAY 3 — Intermediate: DevOps automation, containers, hybrid and security

Included from Intermediate

22. CI/CD: Azure Pipelines YAML and GitHub Actions with OpenID Connect federation to Azure
23. Infrastructure as code at team scale: Bicep modules, Terraform azurerm provider and state management
24. Containers: Azure Container Registry, Azure Container Apps and Azure Kubernetes Service basics
25. Hybrid identity: Microsoft Entra Connect Sync or Cloud Sync and seamless sign-in
26. Hybrid servers: Azure Arc for on-premises and multicloud machines, policies and updates
27. Identity security: conditional access policies, managed identities and Azure Key Vault
28. Workload security: Microsoft Defender for Cloud recommendations, secure score and Defender for Servers
29. Security operations basics: Microsoft Defender XDR incidents and Microsoft Sentinel data connectors

30. Governance: Azure Policy, initiatives, tags and resource locks
31. Automation: Azure Automation runbooks, Logic Apps and Power Automate flows
32. Microsoft Graph: Graph API and the Microsoft Graph PowerShell SDK for tenant automation
33. Backup and recovery: Azure Backup for VMs, files and SQL, and restore testing
34. Troubleshooting: activity log, Resource Health, Network Watcher and connection troubleshoot

DAYS 4-5 **Advanced: Enterprise architecture, resilience, AI and migration** **New at this level**

35. Azure landing zones: Cloud Adoption Framework, management group hierarchy and platform subscriptions
36. Azure Well-Architected Framework: reliability, security, cost optimisation, operational excellence and performance
37. High availability and disaster recovery: availability zones, cross-region design and Azure Site Recovery
38. Zero trust with Microsoft Entra: Privileged Identity Management, ID Protection and access reviews
39. Data protection and compliance: Microsoft Purview labels, DLP, retention and audit
40. FinOps on Azure: reservations, savings plans, rightsizing and cost allocation with tags
41. Enterprise networking: hub-spoke and Virtual WAN, Azure Firewall, Private Link and private DNS
42. AI services: Microsoft Foundry and Azure OpenAI models, responsible AI controls and content safety
43. Copilot readiness: Microsoft 365 Copilot data access, oversharing controls and Copilot Studio agents
44. Multi-agent systems on Microsoft frameworks: AutoGen and Magentic-One concepts and use cases
45. Migration: Azure Migrate assessments, server, database and web app migration waves
46. Operations at scale: Azure Monitor at scale, workbooks, update management and runbook automation
47. Capstone: a governed landing zone hosting a resilient, monitored and secured application

PRACTICE

Hands-on labs

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

FOUNDATION

First Azure deployment

Create a resource group, deploy an App Service web app and a VM with the portal, CLI and PowerShell, then set a budget alert.

ESSENTIAL

Build a small Microsoft environment

Deploy a VNet, VMs and storage with Bicep, join a Windows Server to a domain and monitor it with Azure Monitor alerts.

INTERMEDIATE

Automated, secured container delivery

Build a GitHub Actions pipeline with OIDC that deploys a containerised app to AKS, secured with Key Vault, managed identity and Azure Policy.

ADVANCED

Enterprise landing zone capstone

Deploy a landing zone with policies, hub-spoke networking and PIM, then migrate and run a resilient application inside it.

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 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 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/microsoft/

ENROL OR RESERVE A SEAT
Microsoft Advanced Training

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