

AZ-120: Azure for SAP Workloads Specialty – MS Learn

Course Overview

This 40+ hours course is fully aligned with Microsoft Learn learning paths for AZ-120: Azure for SAP Workloads Specialty. It focuses on planning, deploying, migrating, securing, operating, and monitoring SAP workloads on Microsoft Azure.

Target Audience

- SAP Basis Administrators
- Azure Architects
- Cloud Engineers
- Infrastructure Engineers
- AZ-120 certification aspirants

Course Duration

Total Duration: 40–45 Hours

Learning Path 1: Explore Azure for SAP Workloads (5 Hours)

- SAP on Azure overview
- Supported SAP workloads
- Azure regions and availability
- SAP certification on Azure
- Reference architectures
- Hands-on exploration labs

Learning Path 2: Explore the Foundations of IaaS for SAP on Azure (9 Hours)

- Azure compute for SAP
- Storage options for SAP
- Networking design
- High availability architecture
- Sizing and capacity planning
- Performance optimization

Learning Path 3: Explore the Foundations of Identity and Governance for SAP on Azure (6 Hours)

- Azure Active Directory integration
- Role-based access control (RBAC)
- Azure Policy and governance
- Security best practices

- Compliance requirements
- Enterprise identity design

Learning Path 4: Deploy SAP on Azure (7 Hours)

- SAP deployment options
- SAP NetWeaver deployment
- SAP S/4HANA on Azure
- Automation and templates
- Post-deployment configuration
- Validation and testing

Learning Path 5: Ensure Business Continuity and Implement Disaster Recovery for SAP on Azure (6 Hours)

- Backup strategies
- Disaster recovery architectures
- Azure Site Recovery
- SAP HANA replication
- High availability testing
- Business continuity planning

Learning Path 6: Migrate SAP Workloads to Azure (5 Hours)

- Migration assessment
- Migration tools
- SAP migration scenarios
- Downtime optimization
- Post-migration validation
- Cutover strategies

Learning Path 7: Monitor and Troubleshoot Azure for SAP Workloads (4 Hours)

- Azure Monitor for SAP
- Log Analytics
- Performance troubleshooting
- Capacity and cost monitoring
- Operational best practices

Hands-on Labs & Capstone Project (5 Hours)

- End-to-end SAP deployment on Azure
- HA and DR configuration
- Migration simulation
- Monitoring and optimization
- Enterprise SAP on Azure scenario

Exam Preparation & Review (3 Hours)

- AZ-120 exam objectives mapping
- Scenario-based questions
- Mock exams
- Final revision

Certification Details

Exam Code: AZ-120

Duration: 120 minutes

Question Types: Case studies, MCQs

Certification: Azure for SAP Workloads Specialty

Outcome

After completing this course, learners will be able to plan, deploy, migrate, secure, operate, and monitor enterprise SAP workloads on Microsoft Azure.