

Microsoft Certified: Azure Administrator Associate

Course Description

Cloud infrastructure enables companies around the world to reduce costs, enhance security, simplify management, and much more. And Azure administrators have what it takes to unlock the benefits of cloud computing for their organizations, making the most of the resiliency, scalability, and unified data governance of Azure. Plus, these professionals understand how to put the cloud to work to enable newly remote business processes and to help companies become more agile in the face of today's rapid digital transformation. It's no wonder that certified Azure administrators are in such great demand.

SecureNinja's Microsoft Certified: Azure Administrator Associate training and certification Bootcamp in Washington, DC is an opportunity for candidates to gain expert subject matter knowledge in implementing, managing, and monitoring an organization's Azure environment. By obtaining this certification, candidates will be able to prove their Azure knowledge with implementing, managing, and monitoring identity, governance, storage, compute, and virtual networks in a cloud environment, plus provision, size, monitor, and adjust resources, when needed.

An Azure administrator often serves as part of a larger team dedicated to implementing an organization's cloud infrastructure. If your responsibilities include implementing, managing, and monitoring identity, governance, storage, compute, and virtual networks in a cloud environment, this could be the certification for you. Other key skills include the ability to provision, size, monitor, and adjust resources when needed, especially as part of a team dedicated to implementing your organization's cloud infrastructure.

A candidate for this certification should have at least six months of hands-on experience administering Azure, along with a strong understanding of core Azure services, Azure workloads, security, and governance. In addition, this role should have experience using PowerShell, Azure CLI, Azure portal, and Azure Resource Manager templates.

Topics Covered

- Manage Azure AD objects
- Manage role-based access control (RBAC)
- Manage subscriptions and governance
- Manage storage accounts
- Manage data in Azure Storage
- Configure Azure files and Azure blob storage
- Configure VMs for high availability and scalability
- Automate deployment and configuration of VMs
- Create and configure VMs
- Create and configure containers
- Create and configure Web Apps
- Implement and manage virtual networking
- Configure name resolution
- Secure access to virtual networks
- Configure load balancing

- Monitor and troubleshoot virtual networking
- Integrate an on-premises network with an Azure virtual network
- Monitor resources by using Azure Monitor
- Implement backup and recovery

Exam Details

- Exam Number AZ-104
- Maximum of 60 Questions
- 120 Minutes
- Passing score is 70%
- The exam can be taken online as well as in-person