

AZ-900 QB

Section: 7 (Module wise)

No of Qs: 140

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Module-1: Cloud concepts

1. Scenario: Your company wants to migrate its on-premises web applications to Azure. Which cloud service model would be most suitable for this migration?

- A. Infrastructure as a Service (IaaS)
- **B. Platform as a Service (PaaS)**
- C. Software as a Service (SaaS)
- D. Database as a Service (DaaS)

2. Scenario: You need to create a highly available and scalable web application in Azure. Which Azure service would be the best choice?

- A. Azure Functions
- **B. Azure App Service**
- C. Azure Kubernetes Service
- D. Azure Virtual Machines

3. Scenario: Your company wants to store large amounts of unstructured data, such as images and videos. Which Azure storage service would be most appropriate?

- A. Azure Table Storage
- B. Azure Queue Storage
- **C. Azure Blob Storage**
- D. Azure Cosmos DB

4. Scenario: You need to create a secure and isolated network environment for your Azure resources. Which Azure service should you use?

- A. Azure Firewall

- B. Azure Load Balancer
- **C. Azure Virtual Network (VNet)**
- D. Azure Bastion

5. Scenario: Your company wants to migrate its on-premises databases to Azure. Which Azure service would be suitable for this migration?

- **A. Azure SQL Database**
- B. Azure Cosmos DB
- C. Azure Data Factory
- D. Azure Data Lake Storage Gen2

6. Scenario: You need to create a serverless application to process data from an IoT device. Which Azure service would be best suited for this task?

- **A. Azure Functions**
- B. Azure App Service
- C. Azure Kubernetes Service
- D. Azure Virtual Machines

7. Scenario: Your company wants to deploy a highly scalable and performant web application. Which Azure service would be the best choice?

- A. Azure App Service
- B. Azure Functions
- **C. Azure Kubernetes Service**
- D. Azure Virtual Machines

8. Scenario: Your company wants to create a scalable and reliable cloud-based infrastructure for your company. Which cloud deployment model would be most suitable?

- A. Public cloud
- B. Private cloud
- **C. Hybrid cloud**

- D. Multi-cloud

9. Scenario: Your company wants to ensure that its Azure resources comply with industry regulations. Which Azure service can help you achieve this?

- A. Azure Monitor
- **B. Azure Policy**
- C. Azure Security Center
- D. Azure Backup

10. Scenario: You need to create a scalable and reliable messaging system for your application. Which Azure service would be the best choice?

- **A. Azure Event Hubs**
- B. Azure Service Bus
- C. Azure Queue Storage
- D. Azure Cosmos DB

11. Scenario: Your company wants to migrate its on-premises Active Directory to the cloud. Which Azure service would be suitable for this?

- **A. Azure AD Connect**
- B. Azure AD B2C
- C. Azure AD Domain Services
- D. Azure AD Application Proxy

12. Scenario: You need to create a scalable and reliable database for your web application. Which Azure service would be the best choice?

- **A. Azure SQL Database**
- B. Azure Cosmos DB
- C. Azure Data Factory
- D. Azure Data Lake Storage Gen2

13. Scenario: Your company wants to implement a disaster recovery solution for its critical applications. Which Azure service would be suitable for this?

- **A. Azure Site Recovery**
- B. Azure Backup
- C. Azure Sentinel
- D. Azure Monitor

14. Scenario: You need to create a scalable and reliable data pipeline to process large datasets. Which Azure service would be the best choice?

- **A. Azure Data Factory**
- B. Azure Synapse Analytics
- C. Azure Data Lake Storage Gen2
- D. Azure Event Hubs

15. Scenario: Your company wants to deploy a containerized application in Azure. Which Azure service would be the best choice?

- A. Azure App Service
- B. Azure Functions
- **C. Azure Kubernetes Service**
- D. Azure Virtual Machines

16. Scenario: You need to secure your Azure resources from DDoS attacks. Which Azure service would be the best choice?

- A. Azure Firewall
- **B. Azure DDoS Protection Standard**
- C. Azure Security Center
- D. Azure Bastion

17. Scenario: Your company wants to migrate its on-premises Active Directory to Azure. Which Azure service would be suitable for this?

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- B. Azure AD B2C
- C. Azure AD Domain Services

- D. Azure AD Application Proxy

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- **A. Azure Data Factory**
- B. Azure Synapse Analytics
- C. Azure Data Lake Storage Gen2
- D. Azure Event Hubs

19. Scenario: Your company wants to deploy a containerized application in Azure. Which Azure service would be the best choice?

- A. Azure App Service
- B. Azure Functions
- **C. Azure Kubernetes Service**
- D. Azure Virtual Machines

20. Scenario: You need to secure your Azure resources from DDoS attacks. Which Azure service would be the best choice?

- A. Azure Firewall
- **B. Azure DDoS Protection Standard**
- C. Azure Security Center
- D. Azure Bastion

MODULE-2 Azure architecture and services

1. What is the fundamental unit of resource management in Azure?

- **A. Resource group**
- B. Subscription

- C. Resource
- D. Tenant

2. Which cloud deployment model offers the highest level of control over the infrastructure?

- A. Public cloud
- **B. Private cloud**
- C. Hybrid cloud
- D. Multi-cloud

3. What is the primary benefit of using a pay-as-you-go pricing model in the cloud?

- A. Increased scalability
- B. Improved security
- **C. Reduced upfront costs**
- D. Enhanced performance

4. Which cloud service model provides access to infrastructure components like virtual machines and storage?

- **A. Infrastructure as a Service (IaaS)**
- B. Platform as a Service (PaaS)
- C. Software as a Service (SaaS)
- D. Database as a Service (DaaS)

5. What is the purpose of a virtual network (VNet) in Azure?

- **A. To provide a secure and isolated network environment**
- B. To manage Azure subscriptions
- C. To store data in the cloud
- D. To create and manage virtual machines

6. Which Azure service is used to create and manage virtual machines?

- A. Azure Storage
- B. Azure App Service

- **C. Azure Compute**
- D. Azure Networking

7. What is the primary function of Azure Active Directory (Azure AD)?

- A. To manage Azure subscriptions
- B. To store data in the cloud
- **C. To provide identity and access management**
- D. To create and manage virtual networks

8. Which Azure service is used to store unstructured data like images and videos?

- **A. Azure Blob Storage**
- B. Azure Table Storage
- C. Azure Queue Storage
- D. Azure Cosmos DB

9. What is the difference between a public IP address and a private IP address in Azure?

- A. Public IP addresses are used for internal communication within a virtual network, while private IP addresses are used for external communication.
- **B. Public IP addresses are used for external communication, while private IP addresses are used for internal communication within a virtual network.**
- C. There is no difference between public and private IP addresses in Azure.
- D. Public IP addresses are used for both internal and external communication.

10. What is the purpose of Azure Resource Manager?

- A. To manage Azure subscriptions
- **B. To create and manage resource groups**
- C. To store data in the cloud
- D. To provide identity and access management

11. Which cloud deployment model is suitable for organizations with a mix of on-premises and cloud-based resources?

- A. Public cloud
- B. Private cloud
- **C. Hybrid cloud**
- D. Multi-cloud

12. What is the benefit of using Azure Availability Zones?

- A. Improved scalability
- B. Enhanced security
- C. Reduced costs
- **D. Increased fault tolerance**

13. Which Azure service is used to deploy and manage web applications?

- **A. Azure App Service**
- B. Azure Functions
- C. Azure Kubernetes Service
- D. Azure Virtual Machines

14. What is the purpose of Azure Storage Account?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To store data in the cloud**
- D. To provide identity and access management

15. Which cloud service model is suitable for organizations that want to focus on developing applications without managing the underlying infrastructure?

- A. Infrastructure as a Service (IaaS)
- **B. Platform as a Service (PaaS)**
- C. Software as a Service (SaaS)
- D. Database as a Service (DaaS)

16. What is the primary benefit of using Azure Resource Groups?

- A. Improved scalability
- B. Enhanced security
- **C. Simplified management**
- D. Reduced costs

17. Which Azure service is used to manage and monitor Azure resources?

- **A. Azure Monitor**
- B. Azure Sentinel
- C. Azure Backup
- D. Azure Security Center

18. What is the purpose of Azure Policy?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To enforce governance and compliance**
- D. To provide identity and access management

19. Which cloud service model is suitable for organizations that want to use pre-built applications without managing the underlying infrastructure?

- A. Infrastructure as a Service (IaaS)
- B. Platform as a Service (PaaS)
- **C. Software as a Service (SaaS)**
- D. Database as a Service (DaaS)

20. What is the primary benefit of using Azure Backup?

- A. Improved scalability
- B. Enhanced security
- **C. Data protection and recovery**
- D. Reduced costs

MODULE-3 Azure resource management

1. What is the fundamental unit of resource management in Azure?

- **A. Resource group**
- B. Subscription
- C. Resource
- D. Tenant

2. Which Azure service is used to create and manage resource groups?

- A. Azure Monitor
- **B. Azure Resource Manager**
- C. Azure Policy
- D. Azure Active Directory

3. What is the purpose of using tags in Azure resources?

- **A. To identify and categorize resources**
- B. To manage Azure subscriptions
- C. To store data in the cloud
- D. To provide identity and access management

4. What is the maximum number of resources that can be placed in a single resource group?

- A. 100
- B. 1000
- C. 5000
- **D. There is no limit**

5. What is the purpose of Azure Policy?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To enforce governance and compliance**

- D. To provide identity and access management

6. Which Azure service is used to monitor and manage Azure resources?

- **A. Azure Monitor**
- B. Azure Sentinel
- C. Azure Backup
- D. Azure Security Center

7. What is the purpose of Azure Blueprints?

- A. To create and manage resource groups
- B. To enforce governance and compliance
- **C. To define reusable infrastructure configurations**
- D. To provide identity and access management

8. What is the purpose of Azure Automation?

- **A. To automate tasks and workflows**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

9. Which Azure service is used to deploy and manage infrastructure as code?

- **A. Azure Resource Manager Templates**
- B. Azure PowerShell
- C. Azure CLI
- D. Azure DevOps

10. What is the purpose of Azure Sentinel?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide threat detection and response**
- D. To enforce governance and compliance

11. What is the purpose of Azure Cost Management + Billing?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To track and optimize cloud spending**
- D. To provide identity and access management

12. Which Azure service is used to manage Azure subscriptions?

- A. Azure Resource Manager
- B. Azure Policy
- **C. Azure Active Directory**
- D. Azure Cost Management + Billing

13. What is the purpose of Azure Advisor?

- **A. To provide recommendations for optimizing Azure resources**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

14. What is the purpose of Azure Security Center?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide threat detection and response**
- D. To enforce governance and compliance

15. Which Azure service is used to back up Azure resources?

- A. Azure Monitor
- B. Azure Sentinel
- **C. Azure Backup**
- D. Azure Security Center

16. What is the purpose of Azure Automation State Configuration?

- A. To automate tasks and workflows
- B. To manage Azure subscriptions
- **C. To configure and manage Azure resources**
- D. To provide identity and access management

17. What is the purpose of Azure Service Bus?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide a reliable messaging service**
- D. To enforce governance and compliance

18. What is the purpose of Azure Event Grid?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide an event-driven routing service**
- D. To enforce governance and compliance

19. What is the purpose of Azure Functions?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide serverless computing**
- D. To enforce governance and compliance

20. What is the purpose of Azure Logic Apps?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To build serverless integration workflows**
- D. To enforce governance and compliance

MODULE-4 Azure storage

1. Which Azure storage service is best suited for storing unstructured data like images and videos?

- A. Azure Table Storage
- B. Azure Queue Storage
- **C. Azure Blob Storage**
- D. Azure Cosmos DB

2. What is the purpose of Azure Blob Storage?

- A. To store structured data in key-value pairs
- B. To store messages for asynchronous communication
- **C. To store unstructured data like images, videos, and documents**
- D. To store relational data

3. Which type of Azure Blob Storage is suitable for frequently accessed data?

- **A. Hot access tier**
- B. Cool access tier
- C. Archive access tier
- D. Block blob

4. What is the purpose of Azure Table Storage?

- A. To store unstructured data like images and videos
- **B. To store structured data in key-value pairs**
- C. To store messages for asynchronous communication
- D. To store relational data

5. Which Azure storage service is best suited for storing messages for asynchronous communication?

- A. Azure Table Storage
- **B. Azure Queue Storage**
- C. Azure Blob Storage
- D. Azure Cosmos DB

6. What is the purpose of Azure Queue Storage?

- A. To store unstructured data like images and videos
- B. To store structured data in key-value pairs
- **C. To store messages for asynchronous communication**
- D. To store relational data

7. Which Azure storage service is best suited for storing relational data?

- A. Azure Table Storage
- B. Azure Queue Storage
- C. Azure Blob Storage
- **D. Azure Cosmos DB**

8. What is the purpose of Azure Cosmos DB?

- A. To store unstructured data like images and videos
- B. To store structured data in key-value pairs
- C. To store messages for asynchronous communication
- **D. To store relational data**

9. What is the maximum size of a single Azure Blob?

- A. 1 MB
- B. 100 MB
- C. 1 GB
- **D. 100 GB**

10. Which Azure storage service offers automatic geo-replication?

- **A. Azure Blob Storage**
- B. Azure Table Storage
- C. Azure Queue Storage
- D. Azure Cosmos DB

11. What is the purpose of Azure File Sync?

- A. To synchronize files across multiple Azure regions
- **B. To synchronize files between on-premises and cloud environments**
- C. To synchronize files between different Azure storage accounts
- D. To synchronize files between different Azure subscriptions

12. What is the purpose of Azure Data Lake Storage Gen2?

- **A. To store unstructured data in petabyte-scale**
- B. To store structured data in key-value pairs
- C. To store messages for asynchronous communication
- D. To store relational data

13. Which Azure storage service is best suited for storing large datasets for analytics?

- A. Azure Blob Storage
- **B. Azure Data Lake Storage Gen2**
- C. Azure Table Storage
- D. Azure Queue Storage

14. What is the purpose of Azure Data Factory?

- **A. To manage and orchestrate data pipelines**
- B. To store data in the cloud
- C. To provide identity and access management
- D. To create and manage virtual networks

15. Which Azure storage service is best suited for storing real-time data for analytics?

- A. Azure Blob Storage
- B. Azure Data Lake Storage Gen2
- **C. Azure Event Hubs**
- D. Azure Cosmos DB

16. What is the purpose of Azure Event Hubs?

- A. To store unstructured data like images and videos

- B. To store structured data in key-value pairs
- **C. To ingest and process large volumes of real-time data**
- D. To store relational data

17. Which Azure storage service offers a fully managed NoSQL database?

- A. Azure Blob Storage
- B. Azure Data Lake Storage Gen2
- **C. Azure Cosmos DB**
- D. Azure Table Storage

18. What is the purpose of Azure Disk Storage?

- A. To store unstructured data like images and videos
- B. To store structured data in key-value pairs
- **C. To store persistent storage for virtual machines**
- D. To store relational data

19. Which Azure storage service is best suited for storing relational data?

- A. Azure Blob Storage
- B. Azure Data Lake Storage Gen2
- **C. Azure Cosmos DB**
- D. Azure Table Storage

20. What is the purpose of Azure Files?

- A. To store unstructured data like images and videos
- B. To store structured data in key-value pairs
- **C. To store files and folders that can be accessed by multiple applications**
- D. To store relational data

MODULE-5 Azure compute

1. Which Azure service is used to create and manage virtual machines (VMs)?

- A. Azure Storage
- B. Azure App Service
- **C. Azure Compute**
- D. Azure Networking

2. What are the different deployment models for Azure VMs?

- **A. Classic and Resource Manager**
- B. Public, Private, and Hybrid
- C. Pay-as-you-go and Reserved Instances
- D. Standard and Premium

3. Which Azure service is used to deploy and manage web applications?

- A. Azure Storage
- **B. Azure App Service**
- C. Azure Functions
- D. Azure Kubernetes Service

4. What is the difference between a Standard and Premium VM?

- A. Standard VMs are more powerful and have higher performance.
- B. Premium VMs are more affordable and have lower performance.
- **C. Standard VMs are optimized for general-purpose workloads, while Premium VMs are optimized for high-performance workloads.**
- D. There is no difference between Standard and Premium VMs.

5. Which Azure service is used to run serverless code?

- A. Azure App Service
- **B. Azure Functions**
- C. Azure Kubernetes Service
- D. Azure Virtual Machines

6. What is the purpose of Azure Container Instances?

- **A. To run containers without managing underlying infrastructure**
- B. To manage Azure subscriptions
- C. To store data in the cloud
- D. To provide identity and access management

7. Which Azure service is used to manage containerized applications at scale?

- A. Azure App Service
- B. Azure Functions
- **C. Azure Kubernetes Service**
- D. Azure Virtual Machines

8. What is the purpose of Azure Batch?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To run batch jobs on a high-performance computing cluster**
- D. To provide identity and access management

9. Which Azure service is used to create and manage virtual networks?

- A. Azure Storage
- B. Azure App Service
- C. Azure Compute
- **D. Azure Networking**

10. What is the purpose of Azure Load Balancer?

- **A. To distribute traffic across multiple instances of an application**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

11. Which Azure service is used to create and manage virtual private networks (VPNs)?

- A. Azure Storage
- B. Azure App Service
- C. Azure Compute
- **D. Azure Networking**

12. What is the purpose of Azure Bastion?

- **A. To provide secure remote access to virtual machines**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

13. What is the purpose of Azure Application Gateway?

- **A. To provide load balancing and traffic management for web applications**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

14. Which Azure service is used to manage Azure virtual machines from a single pane of glass?

- A. Azure Storage
- B. Azure App Service
- C. Azure Compute
- **D. Azure Resource Manager**

15. What is the purpose of Azure Disk Storage?

- A. To store unstructured data like images and videos
- B. To store structured data in key-value pairs
- **C. To store persistent storage for virtual machines**
- D. To store relational data

16. Which Azure service is used to create and manage virtual desktops?

- A. Azure Storage
- B. Azure App Service
- **C. Azure Virtual Desktop**
- D. Azure Networking

17. What is the purpose of Azure Policy for Compute?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To enforce governance and compliance for compute resources**
- D. To provide identity and access management

18. Which Azure service is used to create and manage containers?

- A. Azure App Service
- B. Azure Functions
- **C. Azure Kubernetes Service**
- D. Azure Virtual Machines

19. What is the purpose of Azure Service Fabric?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide a distributed microservices platform**
- D. To provide identity and access management

20. Which Azure service is used to create and manage serverless compute functions?

- A. Azure App Service
- **B. Azure Functions**
- C. Azure Kubernetes Service
- D. Azure Virtual Machines

1. What is the fundamental unit of networking in Azure?

- A. Resource group
- B. Subscription
- **C. Virtual network (VNet)**
- D. Azure Firewall

2. Which Azure service is used to create and manage virtual networks (VNets)?

- A. Azure Storage
- B. Azure App Service
- C. Azure Compute
- **D. Azure Networking**

3. What is the purpose of a subnet within a virtual network?

- **A. To provide a secure and isolated network environment**
- B. To manage Azure subscriptions
- C. To store data in the cloud
- D. To create and manage virtual machines

4. Which Azure service is used to distribute traffic across multiple instances of an application?

- **A. Azure Load Balancer**
- B. Azure Application Gateway
- C. Azure Firewall
- D. Azure Bastion

5. What is the purpose of Azure Application Gateway?

- **A. To provide load balancing and traffic management for web applications**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

6. What is the purpose of Azure Firewall?

- A. To provide load balancing and traffic management for web applications
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- **D. To provide network security and protection**

7. Which Azure service is used to create and manage virtual private networks (VPNs)?

- A. Azure Storage
- B. Azure App Service
- C. Azure Compute
- **D. Azure Networking**

8. What is the purpose of Azure Bastion?

- A. To provide load balancing and traffic management for web applications
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- **D. To provide secure remote access to virtual machines**

9. Which Azure service is used to connect on-premises networks to Azure?

- **A. Azure ExpressRoute**
- B. Azure VPN Gateway
- C. Azure Firewall
- D. Azure Load Balancer

10. What is the purpose of Azure DNS?

- **A. To provide DNS services for Azure resources**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

11. What is the purpose of Azure Traffic Manager?

- **A. To distribute traffic across multiple Azure regions or data centers**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

12. What is the purpose of Azure DNS Private Resolver?

- **A. To provide DNS services for private Azure resources**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

13. Which Azure service is used to create and manage network security groups (NSGs)?

- A. Azure Storage
- B. Azure App Service
- **C. Azure Networking**
- D. Azure Active Directory

14. What is the purpose of Network Security Groups (NSGs)?

- A. To provide load balancing and traffic management for web applications
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- **D. To control network traffic flow to and from Azure resources**

15. Which Azure service is used to create and manage virtual private clouds (VPCs)?

- A. Azure Storage
- B. Azure App Service
- **C. Azure Networking**
- D. Azure Active Directory

16. What is the purpose of Azure DDoS Protection Standard?

- **A. To protect Azure resources from distributed denial of service (DDoS) attacks**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

17. Which Azure service is used to create and manage virtual private networks (VPNs)?

- A. Azure Storage
- B. Azure App Service
- **C. Azure Networking**
- D. Azure Active Directory

18. What is the purpose of Azure Bastion?

- A. To provide load balancing and traffic management for web applications
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- **D. To provide secure remote access to virtual machines**

19. Which Azure service is used to connect on-premises networks to Azure?

- **A. Azure ExpressRoute**
- B. Azure VPN Gateway
- C. Azure Firewall
- D. Azure Load Balancer

20. What is the purpose of Azure DNS?

- **A. To provide DNS services for Azure resources**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

1. What is the purpose of Azure Security Center?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide threat detection and response**
- D. To enforce governance and compliance

2. Which Azure service is used to provide identity and access management (IAM) for Azure resources?

- A. Azure Monitor
- B. Azure Sentinel
- **C. Azure Active Directory**
- D. Azure Security Center

3. What is the purpose of Azure Defender?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- **C. To provide threat detection and response**
- D. To enforce governance and compliance

4. Which Azure service is used to protect Azure resources from distributed denial of service (DDoS) attacks?

- A. Azure Monitor
- B. Azure Sentinel
- **C. Azure DDoS Protection Standard**
- D. Azure Security Center

5. What is the purpose of Azure Advanced Threat Protection (ATP)?

- A. To manage Azure subscriptions
- B. To create and manage resource groups
- C. To provide threat detection and response for on-premises environments
- **D. To provide threat detection and response for Azure resources**

6. What is the purpose of Azure Security Center's Just-in-Time (JIT) access?

- **A. To grant temporary access to virtual machines**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

7. What is the purpose of Azure Firewall?

- A. To provide load balancing and traffic management for web applications
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- **D. To provide network security and protection**

8. What is the purpose of Azure Network Security Groups (NSGs)?

- A. To provide load balancing and traffic management for web applications
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- **D. To control network traffic flow to and from Azure resources**

9. Which Azure service is used to encrypt data at rest?

- A. Azure Key Vault
- B. Azure Disk Encryption
- C. Azure Storage Encryption
- **D. All of the above**

10. Which Azure service is used to manage cryptographic keys?

- **A. Azure Key Vault**
- B. Azure Disk Encryption
- C. Azure Storage Encryption
- D. All of the above

11. What is the purpose of Azure Defender for IoT?

- **A. To protect IoT devices and sensors from threats**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

12. What is the purpose of Azure Security Center's Vulnerability Assessment?

- **A. To identify and assess vulnerabilities in Azure resources**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

13. Which Azure service is used to provide secure remote access to virtual machines?

- **A. Azure Bastion**
- B. Azure Firewall
- C. Azure VPN Gateway
- D. Azure Load Balancer

14. What is the purpose of Azure Security Center's Adaptive Application Controls?

- **A. To protect web applications from attacks**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

15. Which Azure service is used to provide threat detection and response for Azure SQL Database and Azure SQL Managed Instance?

- A. Azure Monitor
- B. Azure Sentinel
- **C. Azure Advanced Threat Protection (ATP) for SQL**
- D. Azure Security Center

16. What is the purpose of Azure Security Center's File Integrity Monitoring?

- **A. To monitor changes to files on Azure virtual machines**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

17. Which Azure service is used to provide security information and event management (SIEM)?

- A. Azure Monitor
- **B. Azure Sentinel**
- C. Azure Advanced Threat Protection (ATP)
- D. Azure Security Center

18. What is the purpose of Azure Security Center's Just-in-Time (JIT) access?

- **A. To grant temporary access to virtual machines**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

19. Which Azure service is used to provide threat detection and response for Azure Active Directory?

- A. Azure Monitor
- B. Azure Sentinel
- **C. Azure Advanced Threat Protection (ATP) for Azure AD**
- D. Azure Security Center

20. What is the purpose of Azure Security Center's Adaptive Application Controls?

- **A. To protect web applications from attacks**
- B. To manage Azure subscriptions
- C. To create and manage resource groups
- D. To provide identity and access management

