AZURE INTERVIEW QUESTIONS

"MOST COMMON AZURE INTERVIEW QUESTIONS ACCORDING TO ChatGPT"

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25 Most Common Azure Active Directory Interview Questions

What is Azure Active Directory (AAD)?

How does AAD differ from on-premises Active Directory?

What is the purpose of AAD Domain Services?

How does AAD provide identity and access management?

What are AAD roles and how are they used?

What is multi-factor authentication (MFA) and how is it used with AAD?

How can you secure access to resources using AAD Conditional Access policies?

How can you enable single sign-on (SSO) for cloud applications using AAD?

What is AAD Connect and how is it used to synchronize on-premises directories with AAD?

How can you use AAD to manage and secure access to on-premises resources?

What are AAD Groups and how are they used to manage access to resources?

How can you use AAD to manage user and group-based access to resources?

How does AAD handle password management and reset?

How does AAD integrate with other Microsoft services such as Office 365?

What are AAD App Registrations and how are they used to secure access to resources?

How can you use AAD to secure access to resources using access control lists (ACLs)?

What is the AAD Graph API and how is it used to manage and access AAD resources?

How can you use AAD to secure access to resources using OAuth and OpenID Connect?

What is AAD B2B collaboration and how is it used to securely share resources with external organizations?

How can you use AAD to manage and secure access to resources in the Azure cloud platform?

How can you use AAD to integrate with on-premises identity systems and applications?

How can you use AAD to secure access to resources using role-based access control (RBAC)?

What is AAD Hybrid Identity and how does it enable seamless access to both on-premises and cloud resources?

How can you use AAD to enable secure remote access to resources using VPN and Azure AD Application Proxy?

How can you use AAD to monitor and audit access to resources using AAD activity logs?

25 Most Common Azure Virtual Machines Interview Questions

What is an Azure Virtual Machine (VM)?

How is an Azure VM different from a physical server?

What are the different types of Azure VMs available?

How can you choose the right Azure VM size for your workload?

How do you create and deploy an Azure VM?

How do you manage and configure an Azure VM?

How do you secure an Azure VM?

How do you connect to an Azure VM?

How do you access the VM console?

How do you manage VM disks and storage?

How do you scale and resize an Azure VM?

How do you perform VM updates and patches?

How do you monitor VM performance and troubleshoot issues?

How do you manage VM availability and create VM backups?

How do you migrate VMs to Azure from on-premises or other clouds?

How do you connect VMs to other Azure resources such as virtual networks and storage accounts?

How do you use Azure VM extensions to enhance VM functionality?

How do you use Azure VM images to create custom VM templates?

How do you use Azure VM Managed Disks to manage VM storage?

How do you use Azure VM scale sets to deploy and manage multiple VMs?

How do you use Azure VM Dv2 and Ev3 series for high performance workloads?

How do you use Azure VM Accelerated Networking to improve VM networking performance?

How do you use Azure VM premium storage to improve VM storage performance?

How do you use Azure VM Shielded VMs to secure and protect VMs from tampering?

How do you use Azure VM resource manager templates to automate VM deployment and management?

25 Most Common Azure App Service Interview Questions

How does Azure App Service enable you to host web, mobile, and API applications in the cloud?

What are the benefits of using Azure App Service compared to other hosting options?

How does Azure App Service provide built-in authentication and authorization support?

How does Azure App Service enable you to deploy applications using various methods such as Visual Studio, FTP, Git, and more?

How does Azure App Service enable you to monitor and scale your application using built-in tools and integrations with Azure Monitor and Azure Autoscale?

How does Azure App Service enable you to host static websites as well as dynamic applications built on technologies such as ASP.NET, Node.js, Java, and PHP?

How does Azure App Service enable you to integrate with Azure Functions and Azure Logic Apps to build serverless and event-driven applications?

How does Azure App Service enable you to integrate with Azure API Management to manage, secure, and publish APIs?

How does Azure App Service enable you to use custom domains and SSL certificates to secure your applications?

How does Azure App Service enable you to use deployment slots for staging and testing, and perform blue-green deployments?

How does Azure App Service enable you to use deployment center to automate and customize deployments?

How does Azure App Service enable you to use hybrid connections to connect to on-premises resources?

How does Azure App Service enable you to use managed identity to authenticate with Azure resources and external services?

How does Azure App Service enable you to use diagnostic logs to troubleshoot issues and monitor performance?

How does Azure App Service enable you to use network integration to connect to virtual networks and on-premises resources?

How does Azure App Service enable you to use Azure Cache for Redis to improve performance and scalability?

How does Azure App Service enable you to use Azure Key Vault to securely store secrets and keys?

How does Azure App Service enable you to use Azure Traffic Manager to enable global load balancing?

How does Azure App Service enable you to use Azure Cosmos DB to store and manage data for your applications?

How does Azure App Service enable you to use Azure Blob Storage to store and manage files for your applications?

How does Azure App Service enable you to use Azure Service Bus to enable messaging and event-driven integration with other systems?

How does Azure App Service enable you to use Azure Notification Hubs to send push notifications to mobile devices?

How does Azure App Service enable you to use Azure Event Grid to enable event-driven integration with other Azure services?

How does Azure App Service enable you to use Azure Container Instances to host and manage containerized applications?

How does Azure App Service enable you to use Azure Kubernetes Service to host and manage containerized applications in a managed Kubernetes cluster?

25 Most Common Azure Storage Account Interview Questions

What is an Azure Storage account and how is it used?

What are the different types of Azure Storage accounts available?

What are the benefits of using Azure Storage over on-premises storage solutions?

How do you create and manage an Azure Storage account?

How do you secure an Azure Storage account and its data?

How do you access and use Azure Storage services such as blobs, files, queues, and tables?

How do you monitor and troubleshoot Azure Storage account performance and availability?

How do you migrate data to and from Azure Storage?

How do you integrate Azure Storage with Azure Virtual Machines and Azure App Service?

How do you use Azure Storage replication options to improve data durability and availability?

How do you use Azure Storage tiering options such as hot, cool, and archive to optimize cost and performance?

How do you use Azure Storage shared access signatures to grant temporary access to data?

How do you use Azure Storage REST APIs and client libraries to access and manage data programmatically?

How do you use Azure Storage events to trigger serverless functions and other actions in response to data changes?

How do you use Azure Storage integration with Azure Backup to protect data in Azure Storage?

How do you use Azure Storage integration with Azure Data Factory to copy, transform, and transfer data between various data stores?

How do you use Azure Storage integration with Azure Monitor to monitor and alert on storage account activity and performance?

How do you use Azure Storage integration with Azure Functions to build event-driven applications?

How do you use Azure Storage integration with Azure CDN to improve the performance and scalability of applications that serve static content?

How do you use Azure Storage integration with Azure Stream Analytics to process and analyze real-time data streams from Azure Storage?

How do you use Azure Storage integration with Azure Search to enable full-text search and indexing of data in Azure Storage?

How do you use Azure Storage integration with Azure Time Series Insights to store and analyze time series data?

How do you use Azure Storage integration with Azure Private Link to securely access storage resources over a private network connection?

How do you use Azure Storage integration with Azure Private Endpoints to securely access storage resources over a private network connection?

How do you use Azure Storage integration with Azure Data Lake Storage Gen2 to store and analyze large datasets using Hadoop and other big data technologies?

25 Most Common Azure Networking Interview Questions

What is Azure networking and how is it used to connect Azure resources and on-premises resources?

What are the different types of Azure networking options available such as virtual networks, VPN, ExpressRoute, and more?

How do you create and manage Azure virtual networks and subnets?

How do you secure Azure virtual networks using network security groups and Azure Firewall?

How do you connect Azure virtual networks to on-premises networks using VPN and ExpressRoute?

How do you connect Azure resources within and across virtual networks using VNet peering and VNet-to-VNet connections?

How do you enable hybrid connectivity between Azure and on-premises resources using Azure Hybrid Connections and Azure Relay?

How do you enable remote access to Azure resources using Azure Virtual WAN and Azure VPN Gateway?

How do you enable load balancing and traffic management for Azure resources using Azure Load Balancer and Azure Traffic Manager?

How do you use Azure Network Watcher to monitor and troubleshoot Azure networking issues?

How do you use Azure Private Link to securely access Azure PaaS services over a private network connection?

How do you use Azure Private Endpoints to securely access Azure PaaS and IaaS services over a private network connection?

How do you use Azure DNS to manage and resolve DNS names for Azure resources?

How do you use Azure Content Delivery Network (CDN) to improve the performance and scalability of applications that serve static content?

How do you use Azure Front Door to improve the global performance and availability of applications?

How do you use Azure Application Gateway to enable load balancing, SSL offloading, and application-level routing for web applications?

How do you use Azure Load Balancer to distribute traffic among VMs and other resources within a virtual network?

How do you use Azure Traffic Manager to enable global traffic management and failover for Azure resources?

How do you use Azure Network Security Groups to control inbound and outbound network traffic to Azure resources?

How do you use Azure Firewall to protect Azure networks and resources from external threats?

How do you use Azure Virtual WAN to enable multi-site connectivity and optimize network routing for Azure resources?

How do you use Azure VPN Gateway to enable secure and reliable connectivity between Azure and on-premises networks?

How do you use Azure ExpressRoute to enable private, high-bandwidth connectivity between Azure and on-premises networks?

How do you use Azure Peering to enable direct network-to-network connectivity between Azure and other cloud providers?

How do you use Azure Network Adapter to enable Azure VM to connect to Azure Virtual Network over a high-speed, low-latency connection?

25 Most Common Azure Monitoring Interview Questions

What is Azure Monitoring and how is it used to monitor the performance and availability of Azure resources?

What are the different tools and services available in Azure for monitoring and alerting?

How do you use Azure Monitor to collect, analyze, and visualize data from Azure resources?

How do you use Azure Log Analytics to collect, search, and analyze log data from Azure resources?

How do you use Azure Alerts to receive notifications and take actions when specific conditions are met?

How do you use Azure dashboards to visualize and analyze data from multiple Azure resources in a single view?

How do you use Azure Metrics to monitor resource performance and usage over time?

How do you use Azure Logs to monitor resource activity and troubleshoot issues?

How do you use Azure Diagnostic Settings to enable and configure monitoring and logging for Azure resources?

How do you use Azure Activity Logs to monitor and audit resource activity and changes?

How do you use Azure Monitor Workbooks to create interactive, customized reports and dashboards?

How do you use Azure Monitor for VMs to monitor and diagnose VM performance and issues?

How do you use Azure Monitor for Containers to monitor and diagnose container performance and issues?

How do you use Azure Monitor for Azure Database to monitor and diagnose database performance and issues?

How do you use Azure Monitor for Azure Cache for Redis to monitor and diagnose cache performance and issues?

How do you use Azure Monitor for Azure Functions to monitor and diagnose function performance and issues?

How do you use Azure Monitor for Azure Kubernetes Service to monitor and diagnose cluster and container performance and issues?

How do you use Azure Monitor for Azure App Service to monitor and diagnose web app performance and issues?

How do you use Azure Monitor for Azure Storage to monitor and diagnose storage performance and issues?

How do you use Azure Monitor for Azure Networking to monitor and diagnose network performance and issues?

How do you use Azure Monitor for Azure AD to monitor and diagnose Azure AD performance and issues?

How do you use Azure Monitor for Azure Security Center to monitor and diagnose security threats and vulnerabilities in Azure resources?

How do you use Azure Monitor for Azure Sentinel to monitor and analyze security data across Azure and other environments?

How do you use Azure Monitor integration with Azure Automation to automate responses to monitoring alerts and events?

How do you use Azure Monitor integration with Azure DevOps to track and monitor application deployments and performance?

25 Most Common Azure Security Interview Questions

What is Azure Security and how is it used to protect Azure resources and data?

What are the different tools and services available in Azure for security and compliance?

How do you use Azure Identity and Access Management (IAM) to manage and control access to Azure resources?

How do you use Azure AD to manage and secure user identities and access to resources?

How do you use Azure RBAC to assign roles and permissions to users and groups for Azure resources?

How do you use Azure Multi-Factor Authentication (MFA) to enhance security for user accounts?

How do you use Azure AD Connect to synchronize on-premises user identities with Azure AD?

How do you use Azure AD Domain Services to enable Azure resources to authenticate with on-premises AD?

How do you use Azure AD B2B and B2C to enable collaboration and identity management for external users?

How do you use Azure AD Privileged Identity Management (PIM) to manage and monitor privileged access to Azure resources?

How do you use Azure AD Passwordless to enable passwordless authentication for Azure resources?

How do you use Azure Security Center to monitor and protect Azure resources from threats and vulnerabilities?

How do you use Azure Sentinel to monitor and analyze security data across Azure and other environments?

How do you use Azure Information Protection to classify and protect sensitive data in Azure?

How do you use Azure Key Vault to securely store and manage secrets and keys in Azure?

How do you use Azure Private Link to securely access Azure PaaS services over a private network connection?

How do you use Azure Private Endpoints to securely access Azure PaaS and IaaS services over a private network connection?

How do you use Azure AD Conditional Access to control access to Azure resources based on user and device conditions?

How do you use Azure AD Identity Governance to monitor and manage user access and activities in Azure AD?

How do you use Azure AD Privileged Identity Management (PIM) to manage and monitor privileged access to Azure resources?

How do you use Azure AD Identity Protection to detect and mitigate identity-related threats and vulnerabilities?

How do you use Azure AD Secure Score to assess and improve the security of your Azure AD environment?

How do you use Azure AD Connect Health to monitor and troubleshoot Azure AD Connect issues?

How do you use Azure AD Domain Services to enable Azure resources to authenticate with on-premises AD?

How do you use Azure AD Identity Governance to monitor and manage user access and activities in Azure AD?