





Microsoft Azure Fundamentals (AZ-900)

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Microsoft Azure Fundamentals

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Other References

Azure & Power Bi

Power BI is a business analytics service by Microsoft. It aims to provide interactive visualizations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards.

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-azure-and-power-bi>

What is Azure Virtual Desktop?

Azure Virtual Desktop is a desktop and app virtualization service that runs on the cloud.

<https://docs.microsoft.com/en-us/azure/virtual-desktop/overview>

What is Azure Databricks?

<https://docs.microsoft.com/en-us/azure/databricks/scenarios/what-is-azure-databricks#:~:text=Azure Databricks is a data,Microsoft Azure cloud services platform.&text=For a big data pipeline,Event Hub%2C or IoT Hub.>

Azure HDInsights

Azure HDInsight is a cloud distribution of Hadoop components. Azure HDInsight makes it easy, fast, and cost-effective to process massive amounts of data.

<https://docs.microsoft.com/en-us/azure/hdinsight/hdinsight-overview>

Azure Sentinel

Microsoft Azure Sentinel is a scalable, cloud-native, security information event management (SIEM) and security orchestration automated response (SOAR) solution. Azure Sentinel delivers intelligent security analytics and threat intelligence across the enterprise, providing a single solution for alert detection, threat visibility, proactive hunting, and threat response.

<https://docs.microsoft.com/en-us/azure/sentinel/overview=>

Azure Support Plans

<https://azure.microsoft.com/en-us/support/plans/>

Premier Support for Enterprise

<https://www.microsoft.com/en-us/msservices/premier-support>

Spending Limits

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/spending-limit>

Azure Cost Management

<https://azure.microsoft.com/en-us/services/cost-management/>

Free Account FAQ

- Comes with basic support

<https://azure.microsoft.com/en-us/free/free-account-faq/>

API Management

<https://docs.microsoft.com/en-us/azure/api-management/api-management-key-concepts>

- API Management (APIM) is a way to create consistent and modern API gateways for existing back-end services.

- API Management helps organizations publish APIs to external, partner, and internal developers to unlock the potential of their data and services. Businesses everywhere are looking to extend their operations as a digital platform, creating new channels, finding new customers and driving deeper engagement with existing ones. API Management provides the core competencies to ensure a successful API program through developer engagement, business insights, analytics, security, and protection. You can use Azure API Management to take any backend and launch a full-fledged API program based on it.

What is Azure AD Privileged Identity Management?

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

- Privileged Identity Management (PIM) is a service in Azure Active Directory (Azure AD) that enables you to manage, control, and monitor access to important resources in your organization. These resources include resources in Azure AD, Azure, and other Microsoft Online Services such as Microsoft 365 or Microsoft Intune. The following video introduces you to important PIM concepts and features.

Microsoft Intune

<https://docs.microsoft.com/en-us/mem/intune/fundamentals/what-is-intune>

- Microsoft Intune is a cloud-based service that focuses on mobile device management (MDM) and mobile application management (MAM). You control how your organization's devices are used, including mobile phones, tablets, and laptops. You can also configure specific policies to control applications.

Microsoft Service Bus

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview>

- Microsoft Azure Service Bus is a fully managed enterprise message broker with message queues and publish-subscribe topics. Service Bus is used to

decouple applications and services from each other, providing the following benefits:

- Load-balancing work across competing workers
- Safely routing and transferring data and control across service and application boundaries
- Coordinating transactional work that requires a high-degree of reliability

Log Analytics

<https://docs.microsoft.com/en-us/azure/azure-monitor/logs/log-analytics-tutorial>

- Log Analytics is a tool in the Azure portal to edit and run log queries from data collected by Azure Monitor Logs and interactively analyze their results. You can use Log Analytics queries to retrieve records matching particular criteria, identify trends, analyze patterns, and provide a variety of insights into your data.

Azure Machine Learning designer

<https://docs.microsoft.com/en-us/azure/machine-learning/concept-designer>

- Azure Machine Learning designer is a drag-and-drop interface used to train and deploy models in Azure Machine Learning.

What are the Differences Between Azure Active Directory and Azure Active Directory Domain Services?

<https://techcommunity.microsoft.com/t5/itops-talk-blog/what-are-the-differences-between-azure-active-directory-and/ba-p/917392>

Azure AD registered devices

<https://docs.microsoft.com/en-us/azure/active-directory/devices/concept-azure-ad-register>

Composite SLAs

<https://docs.microsoft.com/en-us/answers/questions/122986/composite-slas.html>

How do you calculate the compound Service Level Agreement (SLA) for cloud services?

<https://devops.stackexchange.com/questions/711/how-do-you-calculate-the-compound-service-level-agreement-sla-for-cloud-service>

Azure Hybrid Benefit

<https://azure.microsoft.com/en-us/pricing/hybrid-benefit/faq/>

- Azure Hybrid Benefit is a cost-savings benefit that lets you bring your existing on-premises Windows Server and SQL Server licenses with active Software Assurance or subscriptions to Azure.

Bandwidth Pricing

<https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

What is Azure Blueprints?

<https://docs.microsoft.com/en-us/azure/governance/blueprints/overview#how-its-different-from-resource-manager-templates>