

Read me first

Tuesday, October 25, 2022 2:37 PM

Hi,

This OneNote Study Guide has been created to help you prepare for the SC-100 exam. Please note this is not an official Microsoft document.

Tabs

Overview - includes list of exam objectives and other resources. Most resources are Microsoft specific but I have included non-Microsoft links.

The exam domains each have a tab and each set of objectives have a page within the domain. I have included links to the Microsoft docs. Those can be found on the left side of the page. Additional links are on the right.

Please feel free to update and change this OneNote to help you prepare for SC-100.

[Closing the cybersecurity skills gap – Microsoft expands efforts to 23 countries - The Official Microsoft Blog](#)

[Introducing a new resource for all role-based Microsoft Certification exams - Microsoft Community Hub](#)

[Microsoft Certified: Cybersecurity Architect Expert - Certifications | Microsoft Learn](#)

Study Guide as of July 22, 2024

Friday, August 23, 2024 11:00 AM

Design solutions that align with security best practices and priorities (20–25%)

Design a resiliency strategy for ransomware and other attacks based on Microsoft Security Best Practices

- Design a security strategy to support business resiliency goals, including identifying and prioritizing threats to business-critical assets
- Design solutions for business continuity and disaster recovery (BCDR), including secure backup and restore for hybrid and multicloud environments
- Design solutions for mitigating ransomware attacks, including prioritization of BCDR and privileged access
- Evaluate solutions for security updates

Design solutions that align with the Microsoft Cybersecurity Reference Architectures (MCRA) and Microsoft cloud security benchmark (MCSB)

- Design solutions that align with best practices for cybersecurity capabilities and controls
- Design solutions that align with best practices for protecting against insider, external, and supply chain attacks
- Design solutions that align with best practices for Zero Trust security, including the Zero Trust Rapid Modernization Plan (RaMP)

Design solutions that align with the Microsoft Cloud Adoption Framework for Azure and the Microsoft Azure Well-Architected Framework

- Design a new or evaluate an existing strategy for security and governance based on the Microsoft Cloud Adoption Framework (CAF) for Azure and the Microsoft Azure Well-Architected Framework
- Recommend solutions for security and governance based on the Microsoft Cloud Adoption Framework for Azure and the Microsoft Azure Well-Architected Framework
- Design solutions for implementing and governing security by using Azure landing zones
- Design a DevSecOps process that aligns with best practices in the Microsoft Cloud Adoption Framework (CAF)

Design security operations, identity, and compliance capabilities (25–30%)

Design solutions for security operations

- Design a solution for detection and response that includes extended detection and response (XDR) and security information and event management (SIEM)
- Design a solution for centralized logging and auditing, including Microsoft Purview Audit
- Design monitoring to support hybrid and multicloud environments
- Design a solution for security orchestration automated response (SOAR), including Microsoft Sentinel and Microsoft Defender XDR
- Design and evaluate security workflows, including incident response, threat hunting, and incident management
- Design and evaluate threat detection coverage by using MITRE ATT&CK matrices, including Cloud, Enterprise, Mobile, and ICS

Design solutions for identity and access management

- Design a solution for access to software as a service (SaaS), platform as a service (PaaS), infrastructure as a service (IaaS), hybrid/on-premises, and multicloud resources, including identity, networking, and application controls
- Design a solution for Microsoft Entra ID, including hybrid and multi-cloud environments
- Design a solution for external identities, including business-to-business (B2B), business-to-customer (B2C), and decentralized identity
- Design a modern authentication and authorization strategy, including Conditional Access, continuous access evaluation, risk scoring, and protected actions
- Validate the alignment of Conditional Access policies with a Zero Trust strategy
- Specify requirements to harden Active Directory Domain Services (AD DS)
- Design a solution to manage secrets, keys, and certificates

Design solutions for securing privileged access

Learn https://aka.ms/MOC_SC-100T00

GH Case Studies

<https://microsoftlearning.github.io/SC-100-Microsoft-Cybersecurity-Architect/>

Microsoft Security Co-pilot

<https://www.microsoft.com/en-us/security/business/ai-machine-learning/microsoft-security-copilot>

Learning Paths

<https://learn.microsoft.com/en-us/training/paths/sc-100-design-zero-trust-strategy-architecture/>

<https://learn.microsoft.com/en-us/training/paths/sc-100-evaluate-governance-risk-compliance/>

<https://learn.microsoft.com/en-us/training/paths/sc-100-design-security-for-infrastructure/>

<https://learn.microsoft.com/en-us/training/paths/sc-100-design-strategy-for-data-applications/>

<https://learn.microsoft.com/en-us/training/paths/recommend-security-best-practices/>

[Azure Architecture Center - Azure Architecture Center | Microsoft Learn](#)

- Design a solution for assigning and delegating privileged roles by using the enterprise access model
- Evaluate the security and governance of Microsoft Entra ID, including Microsoft Entra Privileged Identity Management (PIM), entitlement management, and access reviews
- Evaluate the security and governance of on-premises Active Directory Domain Services (AD DS), including resilience to common attacks
- Design a solution for securing the administration of cloud tenants, including SaaS and multicloud infrastructure and platforms
- Design a solution for cloud infrastructure entitlement management that includes Microsoft Entra Permissions Management
- Evaluate an access review management solution that includes Microsoft Entra Permissions Management
- Design a solution for Privileged Access Workstation (PAW), including remote access

Design solutions for regulatory compliance

- Translate compliance requirements into security controls
- Design a solution to address compliance requirements by using Microsoft Purview
- Design a solution to address privacy requirements, including Microsoft Privacy Information Management
- Design Azure Policy solutions to address security and compliance requirements
- Evaluate and validate alignment with regulatory standards and benchmarks by using Microsoft Defender for Cloud

Design security solutions for infrastructure (25–30%)

Design solutions for security posture management in hybrid and multicloud environments

- Evaluate security posture by using Microsoft Defender for Cloud, including the Microsoft cloud security benchmark (MCSB)
- Evaluate security posture by using Microsoft Secure Score
- Design integrated security posture management solutions that include Microsoft Defender for Cloud in hybrid and multi-cloud environments
- Select cloud workload protection solutions in Microsoft Defender for Cloud
- Design a solution for integrating hybrid and multicloud environments by using Azure Arc
- Design a solution for Microsoft Defender External Attack Surface Management (Defender EASM)
- Specify requirements and priorities for a posture management process that uses Exposure Management attack paths, attack surface reduction, security insights, and initiatives

Specify requirements for securing server and client endpoints

- Specify security requirements for servers, including multiple platforms and operating systems
- Specify security requirements for mobile devices and clients, including endpoint protection, hardening, and configuration
- Specify security requirements for IoT devices and embedded systems
- Evaluate solutions for securing operational technology (OT) and industrial control systems (ICS) by using Microsoft Defender for IoT
- Specify security baselines for server and client endpoints
- Evaluate Windows Local Admin Password Solution (LAPS) solutions

Specify requirements for securing SaaS, PaaS, and IaaS services

- Specify security baselines for SaaS, PaaS, and IaaS services
- Specify security requirements for IoT workloads
- Specify security requirements for web workloads
- Specify security requirements for containers
- Specify security requirements for container orchestration
- Evaluate solutions that include Azure AI Services Security

Evaluate solutions for network security and Security Service Edge (SSE)

- Evaluate network designs to align with security requirements and best practices
- Evaluate solutions that use Microsoft Entra Internet Access as a secure web gateway
- Evaluate solutions that use Microsoft Entra Internet Access to access Microsoft 365, including cross-tenant configurations
- Evaluate solutions that use Microsoft Entra Private Access

Design security solutions for applications and data (20–25%)

Evaluate solutions for securing Microsoft 365

- Evaluate security posture for productivity and collaboration workloads by using metrics, including Microsoft Secure Score

- Evaluate solutions that include Microsoft Defender for Office and Microsoft Defender for Cloud Apps
- Evaluate device management solutions that include Microsoft Intune
- Evaluate solutions for securing data in Microsoft 365 by using Microsoft Purview
- Evaluate data security and compliance controls in Microsoft Copilot for Microsoft 365 services

Design solutions for securing applications

- Evaluate the security posture of existing application portfolios
- Evaluate threats to business-critical applications by using threat modeling
- Design and implement a full lifecycle strategy for application security
- Design and implement standards and practices for securing the application development process
- Map technologies to application security requirements
- Design a solution for workload identity to authenticate and access Azure cloud resources
- Design a solution for API management and security
- Design solutions that secure applications by using Azure Web Application Firewall (WAF)

Design solutions for securing an organization's data

- Evaluate solutions for data discovery and classification
- Specify priorities for mitigating threats to data
- Evaluate solutions for encryption of data at rest and in transit, including Azure KeyVault and infrastructure encryption
- Design a security solution for data in Azure workloads, including Azure SQL, Azure Synapse Analytics, and Azure Cosmos DB
- Design a security solution for data in Azure Storage
- Design a security solution that includes Microsoft Defender for Storage and Microsoft Defender for Databases

From <<https://learn.microsoft.com/en-us/credentials/certifications/resources/study-guides/sc-100>>

Service Mappings

Tuesday, December 13, 2022 12:31 PM

Azure AD	Cloud management. Houses tenants. B2C, B2B. Azure AD Connect. Supports SCIM.
PHS	Hash of a hash. Authentication occurs in the cloud. Password writeback keeps password changes synced Device writeback enabled conditional access in AD FS.
PTA	Authentication occurs on-premises. Requires authentication agent(s) on premises. Use when password policies, and sign-in hours are required.
Federation	Requires federated proxy server and federation servers. Required when using Smart cards.
Identity Protection	Leaked Credentials
Identity Governance aka Entra	PIM, Privileged Access Lifecycle. P2 license
Defender for Endpoint	DLP, Endpoint protection. Live response.
Defender for Cloud	Cloud Security Posture Management. Azure, AWS and GCP. Secure Score, recommendations, vulnerability assessments, file integrity monitoring.
Defender for Office 365	Phishing, training
Defender for IoT	Manage IoT resources. Asset discovery, threat detection and response. Agent or network sensor.
Defender for MS 365	Detection, prevention, investigation and response across email, endpoints, identities and applications.
Defender for Identity	Lateral movement, User Behavior and Activities. Used for on-prem, requires sensors.
Microsoft Purview	Govern, protect, manage data. Classification. Identify sensitive data i.e. credit card. Locates sensitive data. eDiscovery=Premium sku
Azure Sphere	IoT. Secure MCU, Linux OS.
Intune	Onboard devices can be used in conjunction with Configuration manager.
Configuration Manager	Onboard devices can be used in conjunction with Intune.
Azure AD App Proxy	Secure remotes access to on-prem web apps.
Azure Sentinel	SIEM/SOAR. Pulls from log analytics. Has connectors to various stores. Uses KQL for hunting, etc. Recommendations, workbooks, playbooks.
Azure ARC	Manage resources on-premises via Azure.
Azure Stack	Extends Azure services to other environments and remote locations.
Azure Lighthouse	Cross-tenant management.
Azure Bastion	Secure RDP to vms in Azure. Removes the requirement for public IP on the vms.
Azure Firewall	L3-L7 filtering and threat intelligence feeds. Known malicious Ips and FQDNs. Premium sku includes TLS filtering, IDPS, URL filtering. Traffic is denied by default.
Network Security Groups	Allows deny traffic to subnet and/or network interface.
Private Endpoint	Connect to an Azure resource directly from vnet. Uses a private IP. Services include Azure Storage, Cosmos DB, SQL DB. Requires a Private Link.
DDoS Protection	Infrastructure protection already enabled. Enhanced protection requires Azure DDoS Protection Plan \$
Azure Key Vault	Keys, secrets and certificates. Management plane = manage key vault, Data plane = manage data in the key vault.
Azure Automation Update Management	Patch management. Scheduling and managing updates.
Azure Blueprints	ARM Templates, Policies, Resource Groups, Role Assignments. Automated environment setup.
Desired State Configuration	Configuration of guest OS.
Azure Policy	Enforcing and auditing of the environment. IE location of resources, enforcing Tags, applying compliance requirements.
Virtual Machine	Secure using Azure Disk Encryption Linux=DmxCrypt, Windows=BitLocker. Backup vms. Use JIT. Protect using Defender for Cloud. Use File Integrity monitoring.
Storage	Use HTTPS over HTTP, enable Secure Transfer required. Limit access to SAS tokens. Regenerate keys (MS managed or customer managed). Uses Server Side Encryption (SSE) by default, can't be turned off.
JIT	Allow access via a port. Can time restrict and/or restrict to ip range.
Information Rights Management	Control what can be done to data. IE restrict copy, print, forward.

Ninja Training

Thursday, November 17, 2022 2:11 PM

Defender Ninja Training

[Microsoft Defender for Cloud Apps Ninja Training | June 2022 - Microsoft Community Hub](#)

[Microsoft Defender for Identity Ninja Training - Microsoft Community Hub](#)

[Become a Microsoft Defender for Endpoint Ninja - Microsoft Community Hub](#)

Microsoft Cloud App Security

<https://techcommunity.microsoft.com/t5/security-compliance-and-identity/the-microsoft-cloud-app-security-mcas-ninja-training-march-2021/ba-p/1877343>

Complete Sentinel Ninja Level 400 training

<https://techcommunity.microsoft.com/t5/microsoft-sentinel-blog/become-a-microsoft-sentinel-ninja-the-complete-level-400/ba-p/1246310>

Additional Links

Tuesday, October 25, 2022 10:50 AM

Microsoft Cybersecurity Reference Architectures

[Microsoft Cybersecurity Reference Architectures - Security documentation | Microsoft Learn](#)

Sentinel documentation on GitHub. Fantastic Resource

[azure-docs/articles/sentinel/at main - MicrosoftDocs/azure-docs \(github.com\)](#)

Log Analytics Demo

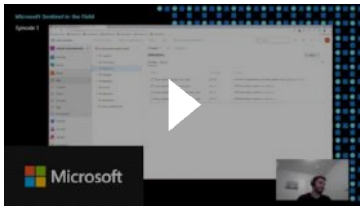
<https://aka.ms/lademo>

Microsoft Security YouTube Channel

[Microsoft Security - YouTube](#)

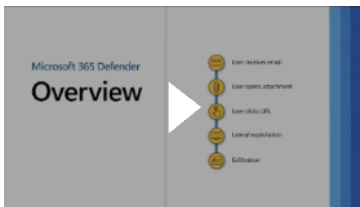
Microsoft Sentinel in the Field

[Managing security content as code - Microsoft Sentinel in the Field #1](#)



Microsoft 365 Defender Overview

[Microsoft 365 Defender](#) Playlist



Defender for MS 365 Playlist

[Microsoft Defender for Office 365](#)



<https://github.com/Azure/Azure-Sentinel>

SC-900

<https://learn.microsoft.com/en-us/certifications/exams/sc-900>

[Microsoft Certified: Cybersecurity Architect Expert - Certifications | Microsoft Learn](#)

[Integrate Microsoft Sentinel and Microsoft Purview | Microsoft Learn](#)

Purview

[What is Microsoft Purview? | Microsoft Learn](#)

Information Protection Administrator [Microsoft Certified: Information Protection Administrator Associate - Certifications | Microsoft Learn](#)

Sentinel training labs

[Learning with the Microsoft Sentinel Training Lab - Microsoft Community Hub](#)

Zero Trust Illustrations for IT architects and implementers

[Zero Trust illustrations for IT architects and implementers | Microsoft Learn](#)

[Organize your resources with management groups - Azure Governance - Azure governance | Microsoft Learn](#)

[Data retention and archive in Azure Monitor Logs - Azure Monitor | Microsoft Learn](#)

[OSSEM \(ossemproject.com\)](#)

[Normalization and the Advanced Security Information Model \(ASIM\) | Microsoft Learn](#)

Logic Apps

Thursday, January 19, 2023 11:20 AM

[Overview - Azure Logic Apps | Microsoft Learn](#)

Training

[Build automated workflows to integrate data and apps with Azure Logic Apps - Training | Microsoft Learn](#)

Design a resiliency strategy for ransomware and other attacks based on Microsoft Security Best Practices

Thursday, July 20, 2023 5:18 PM

Design a security strategy to support business resiliency goals

- [Improve your security defenses for ransomware attacks with Azure Firewall | Azure Blog | Microsoft Azure](#)
- [Recommend a ransomware strategy by using Microsoft Security Best Practices - Training | Microsoft Learn](#)
- [Business resilience - Cloud Adoption Framework | Microsoft Learn](#)

Design solutions for business continuity and disaster recovery (BCDR)

- [Design Business Continuity Solutions: Learn about high availability, backup, and disaster recovery strategies for Azure workloads.](#)

Design solutions for mitigating ransomware attacks

- [Ransomware protection in Azure | Microsoft Learn](#)

Evaluate solutions for security updates

- [Test Against Windows Monthly Security Updates: Learn how to set up scheduled tests against Windows monthly security updates to ensure your organization stays productive and protected.](#)
- [Manage updates and patches for your VMs in Azure Automation | Microsoft Learn](#)

[Malware and ransomware protection in Microsoft 365 - Microsoft Service Assurance | Microsoft Learn](#)

<https://learn.microsoft.com/en-us/azure/active-directory/develop/active-directory-configurable-token-lifetimes>

<https://learn.microsoft.com/en-us/azure/active-directory/conditional-access/howto-conditional-access-session-lifetime>

<https://learn.microsoft.com/en-us/azure/external-attack-surface-management/>

<https://azure.microsoft.com/en-us/products/chaos-studio>

https://en.m.wikipedia.org/wiki/Chaos_engineering

<https://learn.microsoft.com/en-us/azure/defender-for-iot/organizations/overview>

<https://techcommunity.microsoft.com/t5/microsoft-sentinel-blog/i-m-being-attacked-now-what/ba-p/3481937>

<https://learn.microsoft.com/en-us/azure/active-directory/fundamentals/security-operations-introduction>

Design solutions that align with the Microsoft Cybersecurity Reference Architectures (MCRA) and Microsoft cloud security benchmark (MCSB)

Thursday, July 20, 2023 5:18 PM

- [Microsoft Cybersecurity Reference Architectures - Security documentation | Microsoft Learn](#)
- [Overview of the Microsoft cloud security benchmark | Microsoft Learn](#)

Design solutions that align with the Microsoft Cybersecurity Reference Architectures (MCRA) and Microsoft cloud security benchmark (MCSB)

- [Microsoft Cybersecurity Reference Architectures \(MCRA\) | Microsoft Learn](#)
- [Microsoft cloud security benchmark | Microsoft Learn](#)

Design solutions that align with best practices for cybersecurity capabilities and controls

- [Security best practices and patterns - Microsoft Azure | Microsoft Learn](#)

Design solutions that align with best practices for protecting against insider, external, and supply chain attacks

- [Supply chain attacks - Microsoft Defender for Endpoint | Microsoft Learn](#)
- [A guide to balancing external threats and insider risk | Microsoft Security Blog](#)
- [Leveraging insider risk visibility to strengthen your data security \(microsoft.com\)](#)
- [A new era in data security with dynamic controls to manage data access and mitigate risks - Microsoft Community Hub](#)
- [Help dynamically mitigate risks with Adaptive Protection | Microsoft Learn](#)
- [Securing privileged access overview | Microsoft Learn](#)
-

Design solutions that align with best practices for Zero Trust security, including the Zero Trust Rapid Modernization Plan (RaMP)

- [What is Zero Trust? | Microsoft Learn](#)
- [Zero Trust Rapid Modernization Plan | Microsoft Learn](#)

[Define a security strategy - Cloud Adoption Framework | Microsoft Learn](#)

[Overview of the security pillar - Microsoft Azure Well-Architected Framework | Microsoft Learn](#)

[Security in the Microsoft Cloud Adoption Framework for Azure - Cloud Adoption Framework | Microsoft Learn](#)

[Microsoft Entra Expands into Security Service Edge with Two New Offerings - Microsoft Community Hub](#)

[What Is Secure Access Service Edge \(SASE\)? | Microsoft Security](#)

Design solutions that align with the Microsoft Cloud Adoption Framework for Azure and the Microsoft Azure Well-Architected Framework

Thursday, July 20, 2023 5:19 PM

[Compare Microsoft endpoint security plans | Microsoft Learn](#)

[Responsibility assignment matrix - Wikipedia](#)

[Microsoft Defender products and services | Microsoft Learn](#)

Design a new or evaluate an existing strategy for security and governance based on the Microsoft Cloud Adoption Framework (CAF) for Azure and the Microsoft Azure Well-Architected Framework

- [Microsoft Cloud Adoption Framework for Azure documentation - Cloud Adoption Framework | Microsoft Learn](#)
- [Microsoft Azure Well-Architected Framework - Azure Well-Architected Framework | Microsoft Learn](#)

Recommend solutions for security and governance based on the Microsoft Cloud Adoption Framework for Azure and the Microsoft Azure Well-Architected Framework

- [Security in the Microsoft Cloud Adoption Framework for Azure - Cloud Adoption Framework | Microsoft Learn](#)
- [Governance in the Microsoft Cloud Adoption Framework for Azure - Cloud Adoption Framework | Microsoft Learn](#)
- [Security documentation - Microsoft Azure Well-Architected Framework | Microsoft Learn](#)
-

[DevSecOps Implementation Process and Road Map – Security at Every Step - DevOps.com](#)

Design solutions for implementing and governing security by using Azure landing zones

- [What is an Azure landing zone? - Cloud Adoption Framework | Microsoft Learn](#)
- [Security in the Microsoft Cloud Adoption Framework for Azure - Cloud Adoption Framework | Microsoft Learn](#)
- [What is an Azure landing zone? - Cloud Adoption Framework | Microsoft Learn](#)
- [Azure landing zone design principles - Cloud Adoption Framework | Microsoft Learn](#)
- [Resource organization design area overview - Cloud Adoption Framework | Microsoft Learn](#)

[Azure Landing Zones | Architectural Blueprint, Tooling & Best Practices](#)



[Azure Landing Zones Overview](#)



- [Plan for inbound and outbound internet connectivity - Cloud Adoption Framework | Microsoft Learn](#)
- [Plan for landing zone network segmentation - Cloud Adoption Framework | Microsoft Learn](#)
- [Define network encryption requirements - Cloud Adoption Framework | Microsoft Learn](#)
- [Plan for traffic inspection - Cloud Adoption Framework | Microsoft Learn](#)
- [Security design in Azure - Cloud Adoption Framework | Microsoft Learn](#)
- [What is an Azure landing zone? - Cloud Adoption Framework | Microsoft Learn](#) - Accelerator
- Landing Zone Video microsoft.com/en-us/vidoeplayer/embed/RE4xdvm?postJsIIMsg=true
-

Design a DevSecOps process that aligns with best practices in the Microsoft Cloud Adoption Framework (CAF)

- [Cloud adoption plan for the deployment to Azure DevOps - Cloud Adoption Framework | Microsoft Learn](#)
- [DevSecOps controls - Cloud Adoption Framework | Microsoft Learn](#)

Design solutions for security operations

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Design a solution for detection and response that includes extended detection and response (XDR) and security information and event management (SIEM)

- [What is Microsoft Defender XDR? - Microsoft Defender XDR | Microsoft Learn](#)
- [What is Microsoft Sentinel? | Microsoft Learn](#)
- [MITRE ATT&CK®](#)

Design a solution for centralized logging and auditing, including Microsoft Purview Audit

- [Learn about Microsoft Purview | Microsoft Learn](#)
- [Enable and capture audit logs and time series activity history the Microsoft Purview Data Map | Microsoft Learn](#)

Design monitoring to support hybrid and multicloud environments

- [Govern your portfolio of hybrid and multicloud workloads - Cloud Adoption Framework | Microsoft Learn](#)
- [Manage your portfolio across hybrid and multicloud operations - Cloud Adoption Framework | Microsoft Learn](#)

Design a solution for security orchestration automated response (SOAR), including Microsoft Sentinel and Microsoft Defender XDR

- [Automate threat response in Microsoft Sentinel with automation rules | Microsoft Learn](#)
- [Overview - Azure Logic Apps | Microsoft Learn](#)
- [Automate threat response with playbooks in Microsoft Sentinel | Microsoft Learn](#)

Design and evaluate security workflows, including incident response, threat hunting, and incident management

- [Microsoft cloud security benchmark - Incident Response | Microsoft Learn](#)
- [Step 4. Respond to an incident using Microsoft Sentinel and Microsoft Defender XDR | Microsoft Learn](#)
- [Incident response overview | Microsoft Learn](#)
- [Hunting capabilities in Microsoft Sentinel | Microsoft Learn](#)
- [Investigate incidents with Microsoft Sentinel | Microsoft Learn](#)

Design and evaluate threat detection coverage by using MITRE ATT&CK matrices, including Cloud, Enterprise, Mobile, and ICS

- [MITRE ATT&CK®](#)

[Learning Kusto Query Language - A tool for performance test engineers \(microsoft.com\) KQL quick reference | Microsoft Learn](#)

Video <https://www.microsoft.com/en-us/vidoplayer/embed/RWVECU?postIsIIMsg=true>

[Workspace architecture best practices for Microsoft Sentinel | Microsoft Learn](#)

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

[Cybercrime Module 4 Key Issues: Standards and best practices for digital forensics \(unodc.org\)](#)

[\(PDF\) Digital Forensic Analysis of Cybercrimes: Best Practices and Methodologies \(researchgate.net\)](#)

[Microsoft Sentinel – continuous threat monitoring for GitHub - Microsoft Community Hub](#)

[Root cause analysis \(preview\) - Power Automate | Microsoft Learn](#)

<https://www.microsoft.com/en-us/security/blog/2023/07/19/expanding-cloud-logging-to-give-customers-deeper-security-visibility/>

<https://learn.microsoft.com/en-us/azure/sentinel/automation>

<https://learn.microsoft.com/en-us/azure/sentinel/design-your-workspace-architecture>

<https://learn.microsoft.com/en-us/microsoft-365/security/defender/microsoft-365-defender-view=o365-worldwide>

<https://learn.microsoft.com/en-us/azure/bastion/bastion-overview>

<https://learn.microsoft.com/en-us/azure/lighthouse/overview>

<https://learn.microsoft.com/en-us/azure/active-directory/manage-apps/grant-admin-consent?pivots=portal>

-[Overview of Key Management in Azure | Microsoft Learn](<https://learn.microsoft.com/en-us/azure/security/fundamentals/key-management>)

-[Best practices for using Azure Key Vault | Microsoft Learn](<https://learn.microsoft.com/en-us/azure/key-vault/general/best-practices>)

-[What is Azure Key Vault? | Microsoft Learn](<https://learn.microsoft.com/en-us/azure/key-vault/general/basic-concepts>)

<https://learn.microsoft.com/en-us/azure/security/fundamentals/key-management-choose>

https://en.wikipedia.org/wiki/Responsibility_assignment_matrix

<https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/organize/raci-alignment>

<https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/ready/azure-best-practices/resource-naming>

<https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/ready/azure-best-practices/resource-naming>

Design solutions for identity and access management

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Design a solution for access to SaaS, PaaS, IaaS, hybrid/on-premises, and multicloud resources

- [Shared responsibility in the cloud - Microsoft Azure | Microsoft Learn](#)

Design a solution for Microsoft Entra ID, including hybrid and multi-cloud environments

- [Configure Microsoft Entra hybrid join - Microsoft Entra ID | Microsoft Learn](#)
- [Verify Microsoft Entra hybrid join state - Microsoft Entra ID | Microsoft Learn](#)
- [What is hybrid identity with Microsoft Entra ID? - Microsoft Entra ID | Microsoft Learn](#)
- [Continuous access evaluation in Microsoft Entra - Microsoft Entra ID | Microsoft Learn](#)

Design a solution for external identities, including B2B, B2C, and decentralized identity

- [Microsoft Entra B2B best practices and recommendations - Microsoft Entra External ID | Microsoft Learn](#)
- [What is Azure Active Directory B2C? | Microsoft Learn](#)
- [Microsoft's 5 guiding principles for decentralized identities | Microsoft Security Blog](#)
- [Introduction to Microsoft Entra Verified ID - Microsoft Entra Verified ID | Microsoft Learn](#)

Design a modern authentication and authorization strategy

- [What is Conditional Access in Azure Active Directory? - Microsoft Entra | Microsoft Learn](#)
- [What is risk? Azure AD Identity Protection - Microsoft Entra | Microsoft Learn](#)
- [Azure: How to create a Conditional Access Policy - TechNet Articles - United States \(English\) - TechNet Wiki \(microsoft.com\)](#)
- [Plan an Azure Active Directory Conditional Access deployment - Microsoft Entra | Microsoft Learn](#)

Validate the alignment of Conditional Access policies with a Zero Trust strategy

- [Conditional Access design principles and dependencies - Azure Architecture Center | Microsoft Learn](#)

Specify requirements to harden Active Directory Domain Services (AD DS)

- [Overview of Azure Active Directory Domain Services | Microsoft Learn](#)
- [Compare Active Directory-based services in Azure | Microsoft Learn](#)

Design a solution to manage secrets, keys, and certificates

- [What is Azure Key Vault? | What is Azure Key Vault? | Microsoft Learn](#)
- [Best practices for using Azure Key Vault | Microsoft Learn](#)

[Publisher verification overview - Microsoft Entra | Microsoft Learn](#)
[What is Azure Active Directory? - Microsoft Entra | Microsoft Learn](#)
[Azure Active Directory Pricing | Microsoft Security](#)
[Secure access practices for administrators in Azure AD - Microsoft Entra | Microsoft Learn](#)
[AGDLP - Wikipedia](#)

<https://learn.microsoft.com/en-us/graph/permissions-reference>

<https://learn.microsoft.com/en-us/microsoft-365/compliance/privileged-access-management?view=o365-worldwide>

<https://learn.microsoft.com/en-us/microsoft-identity-manager/pam/privileged-identity-management-for-active-directory-domain-services>

<https://learn.microsoft.com/en-us/azure/active-directory/roles/security-emergency-access>

<https://learn.microsoft.com/en-us/azure/active-directory/external-identities/customers/overview-customers-ciam>

<https://learn.microsoft.com/en-us/azure/active-directory/conditional-access/concept-continuous-access-evaluation>

From Build <https://build.microsoft.com/en-US/sessions/2d3f258e-5c47-441b-9c3c-e18b993cab00>

<https://learn.microsoft.com/en-us/azure/active-directory/hybrid/connect/how-to-connect-ss0>

<https://fidoalliance.org/>

<https://learn.microsoft.com/en-us/answers/questions/86443/best-practices-on-how-to-decommission-adfs-servers>

<https://learn.microsoft.com/en-us/azure/active-directory/hybrid/connect/migrate-from-federation-to-cloud-authentication>

<https://learn.microsoft.com/en-us/azure/active-directory/hybrid/connect/whatis-phs>

<https://learn.microsoft.com/en-us/azure/active-directory/hybrid/connect/how-to-connect-pta>

<https://learn.microsoft.com/en-us/azure/active-directory/hybrid/connect/choose-ad-authn#decision-tree>

<https://learn.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/managed-identities-status>

Design solutions for securing privileged access

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Design a solution for assigning and delegating privileged roles

- [Delegation and roles in entitlement management - Microsoft Entra | Microsoft Learn](#)
- [Learn about privileged access management - Microsoft Purview \(compliance\) | Microsoft Learn](#)
- [What is Privileged Identity Management? - Microsoft Entra | Microsoft Learn](#)
- [What is entitlement management? - Microsoft Entra | Microsoft Learn](#)
- [Manage access with access reviews - Microsoft Entra | Microsoft Learn](#)

Evaluate the security and governance of Microsoft Entra ID

[Microsoft Entra ID Governance - Microsoft Entra ID Governance | Microsoft Learn](#)

Evaluate the security and governance of on-premises AD DS

[Best Practices for Securing Active Directory | Microsoft Learn](#)

Design a solution for securing the administration of cloud tenants

[Cross-tenant management - Microsoft Defender for Cloud | Microsoft Learn](#)

Design a solution for cloud infrastructure entitlement management

- [What's Permissions Management? - Microsoft Entra | Microsoft Learn](#)

Evaluate an access review management solution

- [What are access reviews? - Microsoft Entra - Microsoft Entra ID Governance | Microsoft Learn](#)

Design a solution for Privileged Access Workstation (PAW)

- [Why are privileged access devices important | Microsoft Learn](#)
- [About Azure Bastion | Microsoft Learn](#)
-

PAM vs. PIM

Privilege access management helps organizations manage identities and makes it harder for threat actors to penetrate a network and obtain privileged account access. It adds protection to privileged groups that control access to domain-joined computers and the applications on those computers. PAM also provides monitoring, visibility, and fine-grained controls so you can see who your privileged admins are and how their accounts are being used.

[Privileged identity management \(PIM\)](#) provides time-based and approval-based role activation to mitigate the risks of excessive, unnecessary, or misused access to sensitive resources in your organization by enforcing just-in-time access and just-enough access for these accounts. To further secure these privileged accounts, PIM enables you to enforce policy options like multifactor authentication.

While PAM and PIM have a lot of similarities, PAM uses tools and technology to control and monitor access to your resources and works on the principle of least privilege (ensuring that employees have just enough access to do their jobs) while PIM controls admins and super users with time-bound access and secures these privileged accounts.

From <<https://www.microsoft.com/en-ca/security/business/security-101/what-is-privileged-access-management-pam>>

<https://aka.ms/SPA>

Design solutions for regulatory compliance

Thursday, July 20, 2023 5:20 PM

[Managing compliance in the cloud \(microsoft.com\)](#)

Translate compliance requirements into security controls

- [The Five Disciplines of Cloud Governance - Cloud Adoption Framework | Microsoft Learn](#)

Design a solution to address privacy requirements

- [Learn about Microsoft Privacy - Microsoft Privacy | Microsoft Learn](#)

Evaluate and validate alignment with regulatory standards

[Overview of Azure Policy - Azure Policy | Microsoft Learn](#)

[Regulatory Compliance in initiative definitions - Azure Policy | Microsoft Learn](#)

<https://learn.microsoft.com/en-us/azure/governance/policy/concepts/effects>

- [The regulatory compliance dashboard - Microsoft Defender for Cloud | Microsoft Learn](#)
-

Design solutions for security posture management in hybrid and multicloud environments

Thursday, July 20, 2023 5:20 PM

- [Design Solutions for Security Posture Management: Learn how to design security posture management solutions that integrate into hybrid and multicloud scenarios using capabilities in Microsoft Defender for Cloud, Azure Arc, and Microsoft Cloud Security Benchmark \(MCSB\).](#)

- Evaluate security posture by using Microsoft Defender for Cloud, including the Microsoft cloud security benchmark (MCSB)
[Manage Security Posture with Microsoft Defender for Cloud: Understand how to use Microsoft Defender for Cloud to manage and improve cloud security posture, including utilizing Secure Score and aligning with security frameworks.](#)

[Cloud Security Posture Management \(CSPM\): Detailed visibility into the security state of your assets and workloads, with hardening guidance to improve security posture.](#)

Evaluate security posture by using Microsoft Secure Score

[Assess Your Security Posture with Microsoft Secure Score: Learn how to use Microsoft Secure Score to measure and improve your organization's security posture.](#)

[Secure Score in Defender for Cloud: Understand how Secure Score aggregates security findings into a single score to assess your current security situation.](#)

Design integrated security posture management solutions that include Microsoft Defender for Cloud in hybrid and multi-cloud environments

[Design Integrated Security Posture Management Solutions: Learn how to design integrated security posture management and workload protection solutions in hybrid and multicloud environments using Microsoft Defender for Cloud.](#)

Select cloud workload protection solutions in Microsoft Defender for Cloud

[Cloud Workload Protection Capabilities: Explore the capabilities of Microsoft Defender for Cloud in protecting cloud workloads.](#)

[Plan Multicloud Protection: Guidance on designing Cloud Security Posture Management \(CSPM\) and Cloud Workload Protection Plan \(CWPP\) solutions across multicloud environments.](#)

Design a solution for integrating hybrid and multicloud environments by using Azure Arc

[Azure Hybrid and Multicloud Documentation: Resources for building and operating hybrid and multicloud solutions.](#)

[Hybrid Architecture Design: Information on running Azure data services anywhere and managing workloads with Azure Arc.](#)

Design a solution for Microsoft Defender External Attack Surface Management (Defender EASM)

[Defender External Attack Surface Management: Learn how Defender EASM continuously discovers and maps your digital attack surface to provide an external view of your online infrastructure.](#)

[Create a Defender EASM Azure Resource: Steps to create and manage a Defender EASM resource in Azure.](#)

Specify requirements and priorities for a posture management process that uses Exposure Management attack paths, attack surface reduction, security insights, and initiatives

[Cloud Security Posture Management \(CSPM\): Understand how to specify requirements and priorities for a posture management process using various security insights and initiatives.](#)

[Design Solutions for Security Posture Management: Learn how to design security posture management solutions that integrate into hybrid and multicloud scenarios.](#)

[Browse code samples | Microsoft Learn](#)

[Azure ExpressRoute: About Encryption | Microsoft Learn](#)

[Least privileged roles by task - Microsoft Entra | Microsoft Learn](#)

[Common questions - data collection and agents - Microsoft Defender for Cloud | Microsoft Learn](#)

<https://learn.microsoft.com/en-us/azure/external-attack-surface-management/>

Design solutions for securing server and client endpoints

Thursday, July 20, 2023 5:21 PM

- [Design Solutions for Securing Server and Client Endpoints: Analyze security requirements for different types of endpoints, including servers, clients, IoT, OT, mobile, and embedded devices.](#)

Specify security requirements for servers, including multiple platforms and operating systems

- [Design Solutions for Securing Server and Client Endpoints: Learn about specifying security requirements for servers across multiple platforms and operating systems.](#)

Specify security requirements for mobile devices and clients, including endpoint protection, hardening, and configuration

- [Design Solutions for Securing Server and Client Endpoints: Understand the security requirements for mobile devices and clients, including endpoint protection and hardening.](#)

Specify security requirements for IoT devices and embedded systems

- [Design Solutions for Securing Server and Client Endpoints: Learn about specifying security requirements for IoT devices and embedded systems.](#)

Evaluate solutions for securing operational technology (OT) and industrial control systems (ICS) by using Microsoft Defender for IoT

- [Microsoft Defender for IoT: Evaluate solutions for securing OT and ICS environments using Microsoft Defender for IoT.](#)

Specify security baselines for server and client endpoints

- [Design Solutions for Securing Server and Client Endpoints: Learn how to specify security baselines for server and client endpoints.](#)

Evaluate Windows Local Admin Password Solution (LAPS) solutions

- [Windows Local Admin Password Solution \(LAPS\): Evaluate solutions for managing local administrator passwords on Windows endpoints.](#)

[Microsoft Defender for DNS - the benefits and features - Microsoft Defender for Cloud | Microsoft Learn](#)

[Azure Network Watcher overview | Microsoft Learn](#)

Specify requirements for securing SaaS, PaaS, and IaaS services

Tuesday, December 13, 2022 12:25 PM

[Security best practices and patterns - Microsoft Azure | Microsoft Learn](#)
[Recommendations for establishing a security baseline - Microsoft Azure Well-Architected Framework | Microsoft Learn](#)

Specify security baselines for SaaS, PaaS, and IaaS services

- [Security best practices for IaaS workloads in Azure | Microsoft Learn](#)
- [Best practices for secure PaaS deployments - Microsoft Azure | Microsoft Learn](#)

Specify security requirements for IoT workloads

- [Azure security baseline for Microsoft Defender for IoT | Microsoft Learn](#)

Specify security requirements for web workloads

- [Azure security baseline for App Service | Microsoft Learn](#)

Specify security requirements for containers

- [Azure security baseline for Azure Container Apps | Microsoft Learn](#)

Specify security requirements for container orchestration

[Overview of Container security in Microsoft Defender for Containers - Microsoft Defender for Cloud | Microsoft Learn](#)

Evaluate solutions that include Azure AI Services Security

[Azure AI services security - Azure AI services | Microsoft Learn](#)

- [Azure AI Services Security: Evaluate security solutions that incorporate Azure AI services.](#)

[Password policy recommendations - Microsoft 365 admin | Microsoft Learn](#)
[Security baselines for Azure overview | Microsoft Learn](#)

[Azure Virtual Network - Concepts and best practices | Microsoft Learn](#)

[About GitHub Advanced Security - GitHub Docs](#)

[Azure Security product name changes – Microsoft Ignite November 2021](#)

<https://learn.microsoft.com/en-us/azure/external-attack-surface-management/>

[Create custom Azure security policies in Microsoft Defender for Cloud | Microsoft Learn](#)

[Microsoft Cloud Penetration Testing Rules of Engagement](#)

[Coding best practices - Wikipedia](#)

[Diagnostic settings in Azure Monitor - Azure Monitor | Microsoft Learn](#)

[Create custom Azure security policies - Microsoft Defender for Cloud | Microsoft Learn](#)

[Enable end-to-end encryption using encryption at host - Azure portal - managed disks - Azure Virtual Machines | Microsoft Learn](#)

Evaluate solutions for network security and Security Service Edge (SSE)

Friday, August 23, 2024 11:56 AM

[Microsoft's Security Service Edge Solution Deployment Guide Introduction - Microsoft Entra | Microsoft Learn](#)

Evaluate network designs to align with security requirements and best practices

- [Best practices for network security - Microsoft Azure | Microsoft Learn](#)
- [Network security concepts and requirements in Azure | Microsoft Learn](#)

Evaluate solutions that use Microsoft Entra Internet Access as a secure web gateway

- [Microsoft Entra Internet Access now generally available - Microsoft Community Hub](#)
- [Learn about Microsoft Entra Internet Access - Global Secure Access | Microsoft Learn](#)

Evaluate solutions that use Microsoft Entra Internet Access to access Microsoft 365, including cross-tenant configurations

- [What is Global Secure Access? - Global Secure Access | Microsoft Learn](#)
- [Identity-centric Internet Access protections | Microsoft Entra](#)



- [Deep Dive on Microsoft Entra Internet Access](#)



Evaluate solutions that use Microsoft Entra Private Access

- [Learn about Microsoft Entra Private Access - Global Secure Access | Microsoft Learn](#)
- [Microsoft Entra Private Access | Replace VPNs for on-premises resources | Global Secure Access](#)



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Evaluate solutions for securing Microsoft 365

Thursday, July 20, 2023 5:22 PM

- Evaluate security posture for productivity and collaboration workloads by using metrics, including Secure Score and Defender for Cloud secure score
 - [Microsoft Secure Score | Microsoft Learn](#)
 - [Assess your security posture through Microsoft Secure Score | Microsoft Learn](#)
 - [Track your Microsoft Secure Score history and meet goals | Microsoft Learn](#)
- Evaluate solutions that include Microsoft Defender for Office and Microsoft Defender for Cloud Apps
 - [Overview - Microsoft Defender for Cloud Apps | Microsoft Learn](#)
- Evaluate device management solutions that include Microsoft Intune
 - [Manage devices with Intune | Microsoft Learn](#)
 - [Run remote actions on devices with Microsoft Intune | Microsoft Learn](#)
- Evaluate solutions for securing data in Microsoft 365 by using Microsoft Purview
 - [Microsoft Purview data security solutions | Microsoft Learn](#)
- Evaluate data security and compliance controls in Microsoft Copilot for Microsoft 365 services
 - [Data, Privacy, and Security for Microsoft 365 Copilot | Microsoft Learn](#)
 - [Microsoft Defender for Endpoint documentation | Microsoft Learn](#)
 - [Microsoft Defender for Office 365 security documentation | Microsoft Learn](#)
 - [Microsoft Defender for Identity sensor health and settings in Microsoft 365 Defender | Microsoft Learn](#)

[Customer Lockbox requests - Microsoft Purview \(compliance\) | Microsoft Learn](#)

[Office 365 Security including Microsoft Defender for Office 365 and Exchange Online Protection | Microsoft Learn](#)

[Assess your security posture through Microsoft Secure Score | Microsoft Learn](#)

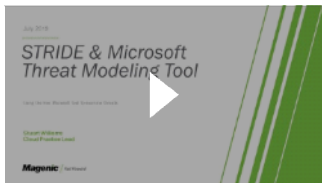
[Zero Trust identity and device access configurations - Microsoft 365 for enterprise | Microsoft Learn](#)

Design solutions for securing applications

Thursday, July 20, 2023 5:22 PM

- Evaluate the security posture of existing application portfolios
 - [Overview - Microsoft Defender for Cloud Apps | Microsoft Learn](#)
 - Evaluate threats to business-critical applications by using threat modeling
 - [Microsoft Threat Modeling Tool overview - Azure | Microsoft Learn](#)
 - Design and implement a full lifecycle strategy for application security
 - [Microsoft Security Development Lifecycle Practices](#)
 - Design and implement standards and practices for securing the application development process
 - [Recommendations for securing a development lifecycle - Microsoft Azure Well-Architected Framework | Microsoft Learn](#)
 - Map technologies to application security requirements
 - Design a solution for workload identity to authenticate and access Azure cloud resources
 - [Workload identities - Microsoft Entra | Microsoft Learn](#)
 - Design a solution for API management and security
 - [Protect APIs with Azure Application Gateway and Azure API Management - Azure Reference Architectures | Microsoft Learn](#)
- [Apps & service principals in Azure AD - Microsoft Entra | Microsoft Learn](#)
[What is Azure App Configuration? | Microsoft Learn](#)
[About GitHub Advanced Security - GitHub Docs](#)
[Scan container images using GitHub Actions - Azure Container Registry | Microsoft Learn](#)
[Introduction to Azure Web Application Firewall | Microsoft Learn](#)
[Microsoft Threat Modeling Tool overview - Azure | Microsoft Learn](#)

Quick video on using the Threat Modeling Tool [2. Microsoft Threat Modeling Practical session | UCSC STRIDE+MS_TMT](#)



- Design a solution for secure access to applications, including Azure Web Application Firewall (WAF)
 - [Web Application Firewall documentation | Microsoft Learn](#)
 - [What is Azure web application firewall on Azure Front Door? | Microsoft Learn](#)

[About GitHub Advanced Security - GitHub Docs](#)
[Scan container images using GitHub Actions - Azure Container Registry | Microsoft Learn](#)
[Introduction to Azure Web Application Firewall | Microsoft Learn](#)
[Microsoft Threat Modeling Tool overview - Azure | Microsoft Learn](#)

Quick video on using the Threat Modeling Tool [2. Microsoft Threat Modeling Practical session | UCSC STRIDE+MS_TMT](#)



<https://learn.microsoft.com/en-us/azure/frontdoor/standard-premium/tier-comparison>
<https://learn.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview>
<https://learn.microsoft.com/en-us/azure/cdn/cdn-overview>
[Azure Monitor Insights Overview - Azure Monitor | Microsoft Learn](#)
<https://learn.microsoft.com/en-us/azure/architecture/solution-ideas/articles/devsecops-infrastructure-as-code>
<https://learn.microsoft.com/en-us/devops/deliver/what-is-infrastructure-as-code>
and
<https://learn.microsoft.com/en-us/azure/defender-for-cloud/defender-for-devops-introduction>
<https://learn.microsoft.com/en-us/azure/security/fundamentals/operational-checklist>
https://owasp.org/www-community/Threat_Modeling#:~:text=The%20following%20four%20question%20framework%20can%20help%20to,it%3F%204%20Did%20we%20do%20a%20good%20job%3F

<https://learn.microsoft.com/en-us/azure/external-attack-surface-management/>

[Overview of the Microsoft Defender for APIs plan - Microsoft Defender for Cloud | Microsoft Learn](#)
[Common questions - Defender for APIs - Microsoft Defender for Cloud | Microsoft Learn](#)

[Workload identities - Microsoft Entra | Microsoft Learn](#)

[New name for Azure Active Directory - Microsoft Entra | Microsoft Learn](#)

[Mitre Corporation - Wikipedia](#)

[Announcing Microsoft Sentinel All-in-One v2 - Microsoft Community Hub](#)
[Azure-Sentinel/Solutions/Training/Azure-Sentinel-Training-Lab at master · Azure/Azure-Sentinel \(github.com\)](#)

[Azure-Sentinel/Solutions/Training/Azure-Sentinel-Training-Lab at master · Azure/Azure-Sentinel \(github.com\)](#)

Design solutions for securing an organization's data

Thursday, July 20, 2023 5:22 PM

- Evaluate solutions for data discovery and classification
 - [Introduction to Microsoft Purview governance solutions - Microsoft Purview | Microsoft Learn](#)
 - [Use the Microsoft Purview governance portal - Microsoft Purview | Microsoft Learn](#)
- Specify priorities for mitigating threats to data
- Evaluate solutions for encryption of data at rest and in transit, including Azure KeyVault and infrastructure encryption
 - [Azure Data Encryption-at-Rest - Azure Security | Microsoft Learn](#)
 - [Data security and encryption best practices - Microsoft Azure | Microsoft Learn](#)
 - [Customer Lockbox for Microsoft Azure | Microsoft Learn](#)
 - [Azure encryption overview | Microsoft Learn](#)
- Design a security solution for data in Azure workloads, including Azure SQL, Azure Synapse Analytics, and Azure Cosmos DB
 - [Overview of Defender for Azure Cosmos DB - Microsoft Defender for Cloud | Microsoft Learn](#)
 - [Azure SQL Database security features | Microsoft Learn](#)
 - [Azure Synapse Analytics security white paper - Azure Synapse Analytics | Microsoft Learn](#)
 - [Database security overview - Azure Cosmos DB | Microsoft Learn](#)
- Design a security solution for data in Azure Storage
 - [Storage Accounts and security - Microsoft Azure Well-Architected Framework | Microsoft Learn](#)
- Design a security solution that includes Microsoft Defender for Storage and Microsoft Defender for Database
 - [Protect your databases with Defender for Databases - Microsoft Defender for Cloud | Microsoft Learn](#)
 - [Microsoft Defender for Storage - the benefits and features - Microsoft Defender for Cloud | Microsoft Learn](#)
 - [Microsoft Defender for Azure SQL - the benefits and features - Microsoft Defender for Cloud | Microsoft Learn](#)

[What is Azure Web Application Firewall on Azure Application Gateway? - Azure Web Application Firewall | Microsoft Learn](#)

[Azure Front Door | Microsoft Learn](#)

[Data retention and archive in Azure Monitor Logs - Azure Monitor | Microsoft Learn](#)

[StorSimple documentation | Microsoft Learn](#)

[Microsoft Azure Data Box overview | Microsoft Learn](#)

[Hybrid file services - Azure Architecture Center | Microsoft Learn](#)

[Organize your resources with management groups - Azure Governance - Azure governance | Microsoft Learn](#)