# Interactive Guides and videos

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| Module 1: Describe the concepts of Security, Compliance, and Identity |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP01M02%20Explore%20the%20Service%20Trust%20Portal/index.html> |
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| * Module 1, Lesson 1, Topic 2 2.00 Zero Trust (informational) <https://www.microsoft.com/videoplayer/embed/RE4J3ms> * For more information about the topics covered in this module, see: * [Shared responsibility in the cloud](https://docs.microsoft.com/en-us/azure/security/fundamentals/shared-responsibility) * [Digital signatures](https://docs.microsoft.com/en-us/windows/win32/seccrypto/digital-signatures) * [Azure defense in depth](https://azure.microsoft.com/resources/videos/defense-in-depth-security-in-azure/) * [Microsoft’s Privacy Principles](https://docs.microsoft.com/en-us/learn/modules/describe-microsoft-365-foundational-principles-solution-areas/4-privacy-principles) * [Get started with the Microsoft Service Trust Portal](https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-service-trust-portal) * [Microsoft Compliance Manager](https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-manager) * [Microsoft Trust Center](https://www.microsoft.com/trust-center) * [Microsoft Compliance Center Manager documentation](https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-manager) * [Free Trial](https://azure.microsoft.com/free/search/) * [Service Trust Portal](https://servicetrust.microsoft.com/) * [Azure compliance documentation](https://docs.microsoft.com/en-us/azure/compliance/) |
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| Module 2: Describe the capabilities of Microsoft Identity and Access Management Solutions |
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| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M02%20-%20Create%20a%20New%20User%20in%20Azure%20Active%20Directory/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M03%20-%20Enable%20SSPR%20in%20Azure%20Active%20Directory/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M04%20-%20Create%20a%20Conditional%20Access%20Policy/index.html> |
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| * Module 2, Lesson 1, Topic 4 4.50 Azure AD Authentication Fundamentals (informational) <https://www.microsoft.com/videoplayer/embed/RE4Kdt9> * Module 2, Lesson 3, Topic 3 1.88 The new sign-in standard: Passwordless authentication (informational) <https://www.microsoft.com/videoplayer/embed/RE4zhD7> * Module 2, Lesson 4, Topic 2 1.50 Azure AD Conditional Access (informational) <https://www.microsoft.com/videoplayer/embed/RE4INyI> * Module 2, Lesson 5, Topic 3 3.00 AD entitlement management (informational) <https://www.microsoft.com/videoplayer/embed/RE4JXQr> * Module 2, Lesson 5, Topic 4 5.50 Privileged identity Management (informational) <https://www.microsoft.com/videoplayer/embed/RE4ILbu> * For more information about the topics raised in this module, see: * [Protecting your organization against password spray attacks](https://www.microsoft.com/security/blog/2020/04/23/protecting-organization-password-spray-attacks/) * [Identity protection risks](https://docs.microsoft.com/azure/active-directory/identity-protection/concept-identity-protection-risks) * [Authentication vs authorization](https://docs.microsoft.com/azure/active-directory/develop/authentication-vs-authorization) * [Identity providers for External Identities](https://docs.microsoft.com/azure/active-directory/external-identities/identity-providers) * [Compare Active Directory to Azure Active Directory](https://docs.microsoft.com/azure/active-directory/fundamentals/active-directory-compare-azure-ad-to-ad) * [What is Azure Active Directory?](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis) * [Azure Active Directory Pricing](https://azure.microsoft.com/pricing/details/active-directory/) * [Azure AD Licenses](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis) * [Azure Active Directory Identity Protection](https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection) * [Privileged Identity Management](https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-getting-started) * [Azure AD External Identity pricing](https://azure.microsoft.com/pricing/details/active-directory/external-identities/) * [Azure Active Directory External Identities](https://docs.microsoft.com/en-us/azure/active-directory/external-identities/compare-with-b2c) * [Azure Active Directory B2C documentation](https://docs.microsoft.com/en-us/azure/active-directory-b2c/) * [Managed identities](https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview) * [Services that support managed identities for Azure resources](https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/services-support-managed-identities) * [What is Azure AD Connect?](https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-azure-ad-connect) * [Azure AD registered devices](https://docs.microsoft.com/en-us/azure/active-directory/devices/concept-azure-ad-register) * [Azure AD joined devices](https://docs.microsoft.com/en-us/azure/active-directory/devices/concept-azure-ad-join) * [Hybrid Azure AD joined devices](https://docs.microsoft.com/en-us/azure/active-directory/devices/concept-azure-ad-join-hybrid)[What are security defaults?](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/concept-fundamentals-security-defaults) * [Licensing requirements for Azure Active Directory self-service password reset](https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-sspr-licensing) * [FIDO2 security keys](https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-passwordless) * [Windows Hello biometrics in the enterprise](https://docs.microsoft.com/en-us/windows/security/identity-protection/hello-for-business/hello-biometrics-in-enterprise) * [Windows Hello for Business](https://docs.microsoft.com/en-us/windows/security/identity-protection/hello-for-business/hello-overview) * [Windows Hello for Business Group Policy](https://docs.microsoft.com/en-us/windows/security/identity-protection/hello-for-business/hello-manage-in-organization) * [What is Azure Active Directory Authentication?](https://docs.microsoft.com/en-us/azure/active-directory/authentication/overview-authentication) * [Single sign-in overview](https://docs.microsoft.com/en-us/azure/active-directory/authentication/overview-authentication) * [Security Fundamentals - Identity](https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M04%20-%20Create%20a%20Conditional%20Access%20Policy/index.html) * [Conditional Access](https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/overview) * [Security defaults](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/concept-fundamentals-security-defaults) * [Available roles](https://docs.microsoft.com/en-us/azure/active-directory/roles/permissions-reference) * [Custom administrator roles in Azure AD](https://docs.microsoft.com/en-us/azure/active-directory/roles/custom-overview) * [Understand Azure Active Directory role concepts](https://docs.microsoft.com/en-us/azure/active-directory/roles/concept-understand-roles) * [Microsoft Identity Manager](https://docs.microsoft.com/en-us/microsoft-identity-manager) * [Identity governance](https://www.microsoft.com/security/business/identity/governance) * [Dynamic membership rules for groups](https://docs.microsoft.com/en-us/azure/active-directory/enterprise-users/groups-dynamic-membership) * [Azure AD Privileged Identity Management](https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure) * [Azure AD access reviews](https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview) * [Azure terms of use statements](https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/terms-of-use) * [Dynamic groups in Azure AD](https://docs.microsoft.com/en-us/azure/active-directory/enterprise-users/groups-dynamic-membership) * [Azure entitlement management](https://docs.microsoft.com/en-us/azure/active-directory/governance/entitlement-management-overview) * [Azure Identity Protection](https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection) |
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| Module 3: Describe the capabilities of Microsoft Security Solutions |
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| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP03M02%20-%20Use%20Azure%20secure%20score%20to%20improve%20your%20security%20posture/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP03M04%20-%20Describe%20threat%20protection%20with%20Microsoft%20365/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP03M05%20-%20Explore%20Microsoft%20Secure%20Score/index.html> |
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| * Module 3, Lesson 3, Topic 3 9.50 Azure Sentinel (walk-through) <https://www.microsoft.com/videoplayer/embed/RE4LHLR> * Module 3, Lesson 4, Topic 2 3.50 M365 Defender Overview (informational) <https://www.microsoft.com/videoplayer/embed/RE4IPYr> * MCAS Pillars: * **Visibility**: detect all cloud services; assign each a risk ranking; identify all users and third-party apps able to log in * **Data security**: identify and control sensitive information (DLP); respond to classification labels on content * **Threat protection**: offer adaptive access control (AAC); provide user and entity behavior analysis (UEBA); mitigate malware * **Compliance**: supply reports and dashboards to demonstrate cloud governance; assist efforts to conform to data residency and regulatory compliance requirements * Module 3, Lesson 5, Topic 5 4.20 M365Defender-Incident (walk-through) <https://www.microsoft.com/videoplayer/embed/RE4J3mt> * Module 3, Lesson 6, Topic 3 8.36 Explore endpoint security (walk-through) * <https://www.microsoft.com/videoplayer/embed/RE4LTIu> |
| * To find out more about any of the topics covered in this module, go to: * [Network Security Groups](https://docs.microsoft.com/azure/virtual-network/network-security-groups-overview) * [Azure DDoS Protection Standard overview](https://docs.microsoft.com/azure/ddos-protection/ddos-protection-overview) * [Azure Firewall](https://docs.microsoft.com/azure/firewall/) * [Azure Bastion](https://docs.microsoft.com/azure/bastion/) * [Web Application firewall](https://docs.microsoft.com/azure/web-application-firewall/) * [Encryption](https://docs.microsoft.com/learn/modules/intro-to-security-in-azure/4-encryption) * [Spreadsheet showing a walkthrough for the Security Center unit](https://techcommunity.microsoft.com/t5/azure-security-center/ignite-2020-introducing-azure-defender-and-azure-security-center/ba-p/1708769) * [Azure Security Center](https://docs.microsoft.com/en-us/azure/security-center/security-center-introduction) * [Azure secure score](https://docs.microsoft.com/en-us/azure/security-center/secure-score-security-controls) * [Azure Defender](https://docs.microsoft.com/en-us/azure/security-center/azure-defender) * [Cloud security posture management](https://docs.microsoft.com/en-us/azure/security-center/) and [secure score controls](https://docs.microsoft.com/en-us/azure/security-center) * [Security baselines](https://docs.microsoft.com/en-us/azure/security/benchmarks/security-baselines-overview) * [Integrated threat protection with SIEM and XDR](https://www.microsoft.com/security/business/threat-protection) * [Microsoft delivers unified SIEM and XDR to modernize security operations](https://www.microsoft.com/security/blog/2020/09/22/microsoft-unified-siem-xdr-modernize-security-operations/) * [Azure Sentinel and SIEM](https://azure.microsoft.com/services/azure-sentinel/) * [What is Azure Sentinel?](https://docs.microsoft.com/en-us/azure/sentinel/overview) * [Azure Sentinel pricing](https://azure.microsoft.com/pricing/details/azure-sentinel/) * [Microsoft 365 Defender](https://docs.microsoft.com/en-us/microsoft-365/security/mtp/microsoft-threat-protection?view=o365-worldwide) * [Microsoft Defender for Identity, Defender for Office 365, and Defender for Endpoint](https://docs.microsoft.com/en-us/defender-for-identity/what-is) * [What is cloud app security](https://docs.microsoft.com/en-us/cloud-app-security/what-is-cloud-app-security) * [MCAS and Office 365 Cloud App Security](https://docs.microsoft.com/en-us/cloud-app-security/editions-cloud-app-security-o365) * [Getting started with MCAS](https://docs.microsoft.com/en-us/cloud-app-security/getting-started-with-cloud-app-security) * [Overview of the Microsoft 365 security center](https://docs.microsoft.com/en-us/microsoft-365/security/mtp/overview-security-center?view=o365-worldwide) * [Microsoft Secure Score](https://docs.microsoft.com/en-us/microsoft-365/security/mtp/microsoft-secure-score?view=o365-worldwide) * [Secure Score in Azure Security Center](https://docs.microsoft.com/en-us/azure/security-center/secure-score-security-controls?WT.mc_id=Portal-Microsoft_Azure_Security) * [Monitor and view reports in the Microsoft 365 security center](https://docs.microsoft.com/en-us/microsoft-365/security/mtp/monitoring-and-reporting?view=o365-worldwide) * [Incidents overview in Microsoft 365 Defender](https://docs.microsoft.com/en-us/microsoft-365/security/mtp/incidents-overview?view=o365-worldwide) * [Azure Security Center Documentation](https://docs.microsoft.com/en-us/azure/security-center) * [Microsoft Intune is an MDM and MAM provider for your devices](https://docs.microsoft.com/en-us/mem/intune/fundamentals/what-is-intune) * [Interactive guide: manage devices with Microsoft Endpoint Manager](https://mslearn.cloudguides.com/guides/Manage%20devices%20with%20Microsoft%20Endpoint%20Manager) * [Manage endpoint security in Microsoft Intune](https://docs.microsoft.com/en-us/mem/intune/protect/endpoint-security) * [What is Azure role-based access control?](https://docs.microsoft.com/en-us/azure/role-based-access-control/overview) * [Common ways to use Microsoft Intune](https://docs.microsoft.com/en-us/mem/intune/fundamentals/common-scenarios) * [Azure RBAC documentation](https://docs.microsoft.com/en-us/azure/role-based-access-control/) |
| Module 4: Describe the capabilities of Microsoft Compliance Solutions |
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| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M02%20-%20Explore%20Compliance%20Center/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M02%20-%20Explore%20Compliance%20Score/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M05%20-%20Use%20eDiscovery%20to%20help%20with%20investigations/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M06%20-%20Search%20the%20audit%20log/index.html> |
| * <https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M07%20-%20Use%20Azure%20resource%20lock%20to%20lock%20resources/index.html> |

* Module 4, Lesson 1, Topic 4 1.50 Compliance Manager <https://www.microsoft.com/videoplayer/embed/RE4FGYZ>
* Module 4, Lesson 2, Topic 3 4.35 Data Classification in the M365 Compliance Center (walk-through)
* https://www.microsoft.com/videoplay er/embed/RE4vx8x
* Module 4, Lesson 3, Topic 3 7.00 Detect Workplace Harassment & Respond - Communication Compliance in Microsoft 365 (walk-through)
* https://www.microsoft.com/videoplay er/embed/RE4xlaF
* Module 4, Lesson 3, Topic 5 5.70 Privileged Access Management (walk-through)
* https://www.microsoft.com/videoplay er/embed/RE4xqtC
* Module 4, Lesson 6, Topic 5 1.80 Cloud adoption framework video (informational)
* <https://www.microsoft.com/videoplayer/embed/RE4tyz>
* To find out more about any of the topics covered in this module, go to:
* [Explore the Microsoft compliance center](https://docs.microsoft.com/en-us/learn/modules/describe-compliance-management-capabilities-microsoft-365/3-explore-compliance-center)
* [Microsoft 365 compliance center](https://docs.microsoft.com/en-us/microsoft-365/compliance/microsoft-365-compliance-center?view=o365-worldwide)
* [Compliance Manager frequently asked questions](https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-score-faq?view=o365-worldwide)
* [Microsoft Compliance Manager](https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-score?view=o365-worldwide)
* [Reduce risk with Microsoft Compliance Manager](https://docs.microsoft.com/en-us/learn/paths/compmgmt/)
* [Azure compliance documentation](https://docs.microsoft.com/en-us/azure/compliance/)
* [Know your data - data classification overview](https://docs.microsoft.com/en-us/microsoft-365/compliance/data-classification-overview?view=o365-worldwide)
* [Get started with content explorer](https://docs.microsoft.com/en-us/microsoft-365/compliance/data-classification-content-explorer?view=o365-worldwide)
* [Learn about sensitivity labels](https://docs.microsoft.com/en-us/microsoft-365/compliance/sensitivity-labels?view=o365-worldwide)
* [Get started with activity explorer](https://docs.microsoft.com/en-us/microsoft-365/compliance/data-classification-activity-explorer?view=o365-worldwide)
* [Learn about retention policies and retention labels](https://docs.microsoft.com/en-us/microsoft-365/compliance/retention?view=o365-worldwide)
* [Microsoft Information Governance in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/manage-information-governance?view=o365-worldwide)
* [Learn about records management in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/records-management?view=o365-worldwide)
* [Insider risk management in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/insider-risk-management?view=o365-worldwide)
* [eDiscovery](https://docs.microsoft.com/en-us/microsoft-365/compliance/overview-ediscovery-20?view=o365-worldwide)
* [Alt-text=Privileged access management](https://docs.microsoft.com/en-us/microsoft-365/compliance/privileged-access-management-overview?view=o365-worldwide)
* [Customer Lockbox in Office 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/customer-lockbox-requests?view=o365-worldwide)
* [Get started with communication compliance](https://docs.microsoft.com/en-us/microsoft-365/compliance/communication-compliance-configure?view=o365-worldwide)
* [eDiscovery - Microsoft 365 Compliance](https://docs.microsoft.com/en-us/microsoft-365/compliance/ediscovery?view=o365-worldwide)
* [Search for content - Microsoft 365 Compliance](https://docs.microsoft.com/en-us/microsoft-365/compliance/search-for-content?view=o365-worldwide)
* [Get started with core eDiscovery cases in Microsoft 365 - Microsoft 365 Compliance](https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-core-ediscovery?view=o365-worldwide)
* [Overview of the Advanced eDiscovery solution in Microsoft 365 - Microsoft 365 Compliance](https://docs.microsoft.com/en-us/microsoft-365/compliance/overview-ediscovery-20?view=o365-worldwide)
* [Search the audit log in the compliance center](https://docs.microsoft.com/en-us/microsoft-365/compliance/search-the-audit-log-in-security-and-compliance?view=o365-worldwide)
* [Microsoft 365 compliance center](https://docs.microsoft.com/en-us/microsoft-365/compliance/microsoft-365-compliance-center?view=o365-worldwide)
* [Advanced Audit in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/advanced-audit?view=o365-worldwide)
* [Turn audit log search on or off](https://docs.microsoft.com/en-us/microsoft-365/compliance/turn-audit-log-search-on-or-off?view=o365-worldwide)
* [API Throttling](https://docs.microsoft.com/en-us/office/office-365-management-api/office-365-management-activity-api-reference)
* [Lock resources to prevent unexpected changes](https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources)
* [What is Azure Resource Manager](https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview)
* [What is Azure Blueprints?](https://docs.microsoft.com/en-us/azure/governance/blueprints/overview)
* [What is the Microsoft Cloud Adoption Framework for Azure?](https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/overview)

# Microsoft Documents by Objective Area

## Describe the Concepts of Security, Compliance, and Identity (5-10%)

Describe security methodologies

* Describe the Zero-Trust methodology
  + [Zero Trust Deployment Center](https://docs.microsoft.com/en-us/security/zero-trust/?WT.mc_id=modinfra-23263-thmaure)
  + [Zero Trust Security – microsoft.com](https://www.microsoft.com/en-us/security/business/zero-trust?WT.mc_id=modinfra-23263-thmaure)
  + [Zero-trust methodology](https://docs.microsoft.com/en-us/learn/modules/describe-security-concepts-methodologies/2-describe-zero-trust-methodology?WT.mc_id=modinfra-23263-thmaure)
* Describe the shared responsibility model
  + [Shared responsibility in the cloud](https://docs.microsoft.com/en-us/azure/security/fundamentals/shared-responsibility?WT.mc_id=modinfra-23263-thmaure)
* Define defense in depth
  + [Describe defense in depth](https://docs.microsoft.com/en-us/learn/modules/describe-security-concepts-methodologies/4-describe-defense-depth?WT.mc_id=modinfra-23263-thmaure)

Describe security concepts

* Describe common threats
  + [Understanding malware & other threats](https://docs.microsoft.com/en-us/windows/security/threat-protection/intelligence/understanding-malware?WT.mc_id=modinfra-23263-thmaure)
* Describe encryption
  + [Azure encryption overview](https://docs.microsoft.com/en-us/azure/security/fundamentals/encryption-overview?WT.mc_id=modinfra-23263-thmaure)
  + [Describe ways encryption hashing and signing can secure your data](https://docs.microsoft.com/en-us/learn/modules/describe-security-concepts-methodologies/6-describe-ways-encryption-hashing-signing-secure-data?WT.mc_id=modinfra-23263-thmaure)

Describe Microsoft Security and compliance principles

* Describe Microsoft’s privacy principles
  + [Microsoft Privacy Principles | Microsoft Trust Center](https://www.microsoft.com/en-us/trust-center/privacy?WT.mc_id=modinfra-23263-thmaure)
* Describe the offerings of the service trust portal
  + [Get started with the Microsoft Service Trust Portal](https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-service-trust-portal?WT.mc_id=modinfra-23263-thmaure)

## Describe the capabilities of Microsoft Identity and Access Management Solutions (25-30%)

**Define identity principles/concepts**

* Define identity as the primary security perimeter
  + [Azure Identity Management and access control security best practices](https://docs.microsoft.com/en-us/azure/security/fundamentals/identity-management-best-practices?WT.mc_id=modinfra-23263-thmaure)
* Define authentication
  + [What is Azure Active Directory authentication?](https://docs.microsoft.com/en-us/azure/active-directory/authentication/overview-authentication?WT.mc_id=modinfra-23263-thmaure)
* Define authorization
  + [Authentication vs. authorization](https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-vs-authorization?WT.mc_id=modinfra-23263-thmaure)
* Describe what identity providers are
  + [Identity and access management](https://docs.microsoft.com/en-us/security/compass/identity?WT.mc_id=modinfra-23263-thmaure)
  + [Identity Providers for External Identities](https://docs.microsoft.com/en-us/azure/active-directory/external-identities/identity-providers?WT.mc_id=modinfra-23263-thmaure)
* Describe what Active Directory is
  + [Active Directory Domain Services Overview](https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/get-started/virtual-dc/active-directory-domain-services-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe the concept of Federated services
  + [Active Directory Federation Services in Azure](https://docs.microsoft.com/en-us/windows-server/identity/ad-fs/deployment/how-to-connect-fed-azure-adfs?WT.mc_id=modinfra-23263-thmaure)
* Define common Identity Attacks
  + [Azure AD Identity Protection](https://www.microsoft.com/en-us/security/business/identity-access-management/identity-protection?WT.mc_id=modinfra-23263-thmaure)

Describe the basic identity services and identity types of Azure AD

* Describe what Azure Active Directory is
  + [What is Azure Active Directory?](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis?WT.mc_id=modinfra-23263-thmaure)
* Describe Azure AD identities (users, devices, groups, service principals/applications)
  + [What are managed identities for Azure resources?](https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview?WT.mc_id=modinfra-23263-thmaure)
  + [Manage app and resource access using Azure Active Directory groups](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-manage-groups?WT.mc_id=modinfra-23263-thmaure)
  + [Securing service principals](https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/service-accounts-principal?WT.mc_id=modinfra-23263-thmaure)
* Describe what hybrid identity is
  + [What is hybrid identity with Azure Active Directory?](https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-hybrid-identity?WT.mc_id=modinfra-23263-thmaure)
* Describe the different external identity types (Guest Users)
  + [What are External Identities in Azure Active Directory?](https://docs.microsoft.com/en-us/azure/active-directory/external-identities/compare-with-b2c?WT.mc_id=modinfra-23263-thmaure)

Describe the authentication capabilities of Azure AD

* Describe the different authentication methods
  + [What is Azure Active Directory authentication?](https://docs.microsoft.com/en-us/azure/active-directory/authentication/overview-authentication?WT.mc_id=modinfra-23263-thmaure)
  + [What authentication and verification methods are available in Azure Active Directory?](https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods?WT.mc_id=modinfra-23263-thmaure)
* Describe self-service password reset
  + [Tutorial: Enable users to unlock their account or reset passwords using Azure Active Directory self-service password reset](https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-enable-sspr?WT.mc_id=modinfra-23263-thmaure)
* Describe password protection and management capabilities
  + [Eliminate bad passwords using Azure Active Directory Password Protection](https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-password-ban-bad)
  + [Enforce on-premises Azure AD Password Protection for Active Directory Domain Services](https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-password-ban-bad-on-premises)
* Describe Multi-factor Authentication
  + [How it works: Azure AD Multi-Factor Authentication](https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-mfa-howitworks?WT.mc_id=modinfra-23263-thmaure)
* Describe Windows Hello for Business
  + [Windows Hello for Business Overview](https://docs.microsoft.com/en-us/windows/security/identity-protection/hello-for-business/hello-overview?WT.mc_id=modinfra-23263-thmaure)

Describe access management capabilities of Azure AD

* Describe what conditional access is
  + [What is Conditional Access?](https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/overview?WT.mc_id=modinfra-23263-thmaure)
* Describe uses and benefits of conditional access
  + [What is Conditional Access?](https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/overview?WT.mc_id=modinfra-23263-thmaure)
* Describe the benefits of Azure AD roles
  + [Azure AD built-in roles](https://docs.microsoft.com/en-us/azure/active-directory/roles/permissions-reference?WT.mc_id=modinfra-23263-thmaure)
  + [Overview of role-based access control in Azure Active Directory](https://docs.microsoft.com/en-us/azure/active-directory/roles/custom-overview?WT.mc_id=modinfra-23263-thmaure)

Describe the identity protection & governance capabilities of Azure AD

* Describe what identity governance is
  + [What is Azure AD Identity Governance?](https://docs.microsoft.com/en-us/azure/active-directory/governance/identity-governance-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe what entitlement management and access reviews is
  + [What are Azure AD access reviews?](https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe the capabilities of PIM
  + [What is Azure AD Privileged Identity Management?](https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure?WT.mc_id=modinfra-23263-thmaure)
* Describe Azure AD Identity Protection
  + [What is Identity Protection?](https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection?WT.mc_id=modinfra-23263-thmaure)

## Describe the capabilities of Microsoft Security Solutions (30-35%)

Describe basic security capabilities in Azure

* Describe Azure Network Security groups
  + [Network security groups](https://docs.microsoft.com/en-us/azure/virtual-network/network-security-groups-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe Azure DDoS protection
  + [Azure DDoS Protection Standard overview](https://docs.microsoft.com/en-us/azure/ddos-protection/ddos-protection-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe what Azure Firewall is
  + [What is Azure Firewall?](https://docs.microsoft.com/en-us/azure/firewall/overview?WT.mc_id=modinfra-23263-thmaure)
* Describe what Azure Bastion is
  + [What is Azure Bastion?](https://docs.microsoft.com/en-us/azure/bastion/bastion-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe what Web Application Firewall is
  + [What is Azure Web Application Firewall on Azure Application Gateway?](https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe ways Azure encrypts data
  + [Azure encryption overview](https://docs.microsoft.com/en-us/azure/security/fundamentals/encryption-overview?WT.mc_id=modinfra-23263-thmaure)
  + [Data encryption in Azure](https://docs.microsoft.com/en-us/azure/architecture/framework/security/design-storage-encryption?WT.mc_id=modinfra-23263-thmaure)

Describe security management capabilities of Azure

* Describe the Azure Security center
  + [What is Azure Security Center?](https://docs.microsoft.com/en-us/azure/security-center/security-center-introduction?WT.mc_id=modinfra-23263-thmaure)
* Describe Azure Secure score
  + [Secure score in Azure Security Center](https://docs.microsoft.com/en-us/azure/security-center/secure-score-security-controls?WT.mc_id=modinfra-23263-thmaure)
* Describe the benefit and use cases of Azure Defender – previously the cloud workload protection platform (CWPP)
  + [Introduction to Azure Defender](https://docs.microsoft.com/en-us/azure/security-center/azure-defender?WT.mc_id=modinfra-23263-thmaure)
* Describe Cloud security posture management (CSPM)
  + [Function of cloud security posture management](https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/organize/cloud-security-posture-management?WT.mc_id=modinfra-23263-thmaure)
* Describe security baselines for Azure
  + [Security baselines for Azure](https://docs.microsoft.com/en-us/azure/security/benchmarks/security-baselines-overview?WT.mc_id=modinfra-23263-thmaure)

Describe security capabilities of Azure Sentinel

* Define the concepts of SIEM, SOAR, XDR
  + [What is Azure Sentinel?](https://docs.microsoft.com/en-us/azure/sentinel/overview?WT.mc_id=modinfra-23263-thmaure)
* Describe the role and value of Azure Sentinel to provide integrated threat protection
  + [Quickstart: Get started](https://docs.microsoft.com/en-us/azure/sentinel/quickstart-get-visibility)[with Azure Sentinel](https://docs.microsoft.com/en-us/azure/sentinel/quickstart-get-visibility)

Describe threat protection with Microsoft 365 Defender (formerly Microsoft Threat Protection)

* Describe Microsoft 365 Defender services
  + [Microsoft 365 Defender](https://docs.microsoft.com/en-us/microsoft-365/security/defender/microsoft-365-defender?WT.mc_id=modinfra-23263-thmaure)
* Describe Microsoft Defender for Identity (formerly Azure ATP)
  + [What is Microsoft Defender for Identity?](https://docs.microsoft.com/en-us/defender-for-identity/what-is?WT.mc_id=modinfra-23263-thmaure)
* Describe Microsoft Defender for Office 365 (formerly Office 365 ATP)
  + [Microsoft Defender for Office 365 in the Microsoft 365 security center](https://docs.microsoft.com/en-us/microsoft-365/security/defender/microsoft-365-security-center-mdo?WT.mc_id=modinfra-23263-thmaure)
* Describe Microsoft Defender for Endpoint (formerly Microsoft Defender ATP)
  + [Redirecting accounts from Microsoft Defender for Endpoint to the Microsoft 365 security center](https://docs.microsoft.com/en-us/microsoft-365/security/defender/microsoft-365-security-mde-redirection?WT.mc_id=modinfra-23263-thmaure)
* Describe Microsoft Cloud App Security
  + [Microsoft Cloud App Security overview](https://docs.microsoft.com/en-us/cloud-app-security/what-is-cloud-app-security?WT.mc_id=modinfra-23263-thmaure)

Describe security management capabilities of Microsoft 365

* Describe the Microsoft 365 Security Center
  + [The unified Microsoft 365 security center overview](https://docs.microsoft.com/en-us/microsoft-365/security/defender/overview-security-center?WT.mc_id=modinfra-23263-thmaure)
* Describe how to use Microsoft Secure Score
  + [Microsoft Secure Score](https://docs.microsoft.com/en-us/microsoft-365/security/defender/microsoft-secure-score?WT.mc_id=modinfra-23263-thmaure)
* Describe security reports and dashboards
  + [Smart reports and insights in the Security & Compliance Center](https://docs.microsoft.com/en-us/microsoft-365/security/office-365-security/reports-and-insights-in-security-and-compliance?WT.mc_id=modinfra-23263-thmaure)
* Describe incidents and incident management capabilities
  + [Manage incidents in Microsoft 365 Defender](https://docs.microsoft.com/en-us/microsoft-365/security/defender/manage-incidents?WT.mc_id=modinfra-23263-thmaure)

Describe endpoint security with Microsoft Intune

* Describe what Intune is
  + [Microsoft Intune is an MDM and MAM provider for your devices](https://docs.microsoft.com/en-us/mem/intune/fundamentals/what-is-intune?WT.mc_id=modinfra-23263-thmaure)
* Describe endpoint security with Intune
  + [Manage endpoint security in Microsoft Intune](https://docs.microsoft.com/en-us/mem/intune/protect/endpoint-security?WT.mc_id=modinfra-23263-thmaure)
* Describe the endpoint security with the Microsoft Endpoint Manager admin center
  + [Manage endpoint security in Microsoft Intune](https://docs.microsoft.com/en-us/mem/intune/protect/endpoint-security?WT.mc_id=modinfra-23263-thmaure)

## Describe the Capabilities of Microsoft Compliance Solutions (25-30%)

Describe the compliance management capabilities in Microsoft

* Describe the compliance center
  + [Microsoft 365 compliance center](https://docs.microsoft.com/en-us/microsoft-365/compliance/microsoft-365-compliance-center?WT.mc_id=modinfra-23263-thmaure)
* Describe compliance manager
  + [Microsoft Compliance Manager](https://docs.microsoft.com/de-de/microsoft-365/compliance/compliance-manager?WT.mc_id=modinfra-23263-thmaure)
* Describe use and benefits of compliance score
  + [Compliance score calculation](https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-score-calculation?WT.mc_id=modinfra-23263-thmaure)

Describe information protection and governance capabilities of Microsoft 365

* Describe data classification capabilities
  + [Microsoft Information Protection in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/information-protection?WT.mc_id=modinfra-23263-thmaure)
  + [Know your data – data classification overview](https://docs.microsoft.com/en-us/microsoft-365/compliance/data-classification-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe the value of content and activity explorer
  + [Get started with activity explorer](https://docs.microsoft.com/en-us/microsoft-365/compliance/data-classification-activity-explorer?WT.mc_id=modinfra-23263-thmaure)
* Describe sensitivity labels
  + [Learn about sensitivity labels](https://docs.microsoft.com/en-us/microsoft-365/compliance/sensitivity-labels?WT.mc_id=modinfra-23263-thmaure)
* Describe Retention Policies and Retention Labels
  + [Get started with retention policies and retention labels](https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-retention?WT.mc_id=modinfra-23263-thmaure)
* Describe Records Management
  + [Learn about records management in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/records-management?WT.mc_id=modinfra-23263-thmaure)
* Describe Data Loss Prevention
  + [Overview of data loss prevention](https://docs.microsoft.com/en-us/microsoft-365/compliance/data-loss-prevention-policies?WT.mc_id=modinfra-23263-thmaure)

Describe insider risk capabilities in Microsoft 365

* Describe Insider risk management solution
  + [Learn about insider risk management in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/insider-risk-management?WT.mc_id=modinfra-23263-thmaure)
* Describe communication compliance
  + [Learn about communication compliance in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/communication-compliance?WT.mc_id=modinfra-23263-thmaure)
* Describe information barriers
  + [Learn about information barriers in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/information-barriers?WT.mc_id=modinfra-23263-thmaure)
* Describe privileged access management
  + [Privileged access management in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/privileged-access-management-solution-overview?WT.mc_id=modinfra-23263-thmaure)
* Describe customer lockbox
  + [Customer Lockbox in Office 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/customer-lockbox-requests?WT.mc_id=modinfra-23263-thmaure)

Describe the eDiscovery capabilities of Microsoft 365

* Describe the purpose of eDiscovery
  + [eDiscovery solutions in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/ediscovery?WT.mc_id=modinfra-23263-thmaure)
* Describe the capabilities of the content search tool
  + [Content Search](https://docs.microsoft.com/en-us/microsoft-365/compliance/content-search?WT.mc_id=modinfra-23263-thmaure)
* Describe the core eDiscovery workflow
  + [Get started with Core eDiscovery](https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-core-ediscovery)
* Describe the advanced eDisovery workflow
  + [Overview of Microsoft 365 Advanced eDiscovery](https://docs.microsoft.com/en-us/microsoft-365/compliance/overview-ediscovery-20?WT.mc_id=modinfra-23263-thmaure)

Describe the audit capabilities in Microsoft 365

* Describe the core audit capabilities of M365
  + [Search the audit log in the compliance center](https://docs.microsoft.com/en-us/microsoft-365/compliance/search-the-audit-log-in-security-and-compliance?WT.mc_id=modinfra-23263-thmaure)
* Describe purpose and value of Advanced Auditing
  + [Advanced Audit in Microsoft 365](https://docs.microsoft.com/en-us/microsoft-365/compliance/advanced-audit?WT.mc_id=modinfra-23263-thmaure)

Describe resource governance capabilities in Azure

* Describe the use of Azure Resource locks
  + [Lock resources to prevent unexpected changes](https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources?WT.mc_id=modinfra-23263-thmaure)
  + [Azure Resource Locks](https://www.thomasmaurer.ch/2020/02/prevent-azure-resources-from-unexpected-deletion-using-locks/) (thomasmaurer.ch)
* Describe what Azure Blueprints is
  + [What is Azure Blueprints?](https://docs.microsoft.com/en-us/azure/governance/blueprints/overview?WT.mc_id=modinfra-23263-thmaure)
* Define Azure Policy and describe its use cases
  + [What is Azure Policy?](https://docs.microsoft.com/en-us/azure/governance/policy/overview?WT.mc_id=modinfra-23263-thmaure)
  + [Azure Policy](https://www.thomasmaurer.ch/2020/03/keep-control-of-your-azure-environment-with-azure-policy/) (thomasmaurer.ch)
* Describe cloud adoption framework
  + [What is the Microsoft Cloud Adoption Framework for Azure?](https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/overview?WT.mc_id=modinfra-23263-thmaure)