

Exam MS-900: Microsoft 365 Fundamentals – Skills Measured

This exam will be updated on 7/8/2020. Following the current exam guide, we have included a version of the new exam guide along with a comparison table of the side-by-side functional groups.

Audience Profile

This exam is designed for candidates looking to demonstrate foundational-level knowledge on the considerations and benefits of adopting cloud services in general and the Software as a Service (SaaS) cloud model. Candidates should have knowledge of available options and benefits gained by implementing Microsoft 365 cloud service offerings.

Candidates should have the requisite knowledge to recommend solutions that address common organizational IT challenges and to differentiate Microsoft 365 solutions from the competition in the market. Candidates should also have fundamental knowledge of offerings, optimizing licensing for cost effectiveness, and support options for organizations.

Candidates should be able to differentiate between Microsoft's services and products (Microsoft 365, Azure, and Dynamics 365).

Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

Describe Cloud Concepts (15-20%)

Detail and understand the benefits and considerations of using cloud services

Describe the different types of cloud services available

- IaaS
- PaaS
- SaaS
- Public, private and hybrid scenarios
- Position Microsoft 365 in a SaaS scenario

Describe Core Microsoft 365 Services and Concepts (30-35%)

Identify core Microsoft 365 components

- Windows 10 Enterprise
- Exchange Online
- SharePoint Online
- Teams
- Enterprise Mobility + Security products and technologies
- Microsoft Stream

Compare core services in Microsoft 365 with corresponding on-premises services

- identify scenarios when usage of M365 services is more beneficial than on-premises services

Describe the concept of modern management

- describe the Windows-as-a-Service (WaaS) model
- describe the usage of the Microsoft 365 Admin Center and M365 user portal
- describe the Microsoft deployment and release model for Windows and cloud-based business apps
- describe how Microsoft Managed Desktop can streamline business needs

Describe Office 365 ProPlus offerings

- compare with on-premises Office 2016 deployment

Identify collaboration and mobility options with Microsoft 365

- describe the concept of effective collaboration with Microsoft 365
- describe the concept of enterprise mobility, device management, and application management within an organization

Describe analytics capabilities in Microsoft 365

Describe security, compliance, privacy, and trust options in Microsoft 365 (25-30%)

Describe security and compliance concepts with Microsoft 365

- identify key components within an organization's cloud and on-premises infrastructure that require protection

- describe key security pillars of protection, including identity, documents, network, and devices

Describe identity protection and management options

- describe concepts of cloud identity, on-premises identity, and hybrid identity
- identify document protection needs and capabilities of Azure Information Protection (AIP)
- describe Multi-Factor Authentication (MFA)

Describe the need for unified endpoint management, security usage scenarios, and services

- compare security usage scenarios and services available with Azure Active Directory P1, P2, and Active Directory Domain Services (AD DS)
- describe how Microsoft 365 services addresses the most common current threats

Describe capabilities of the Service Trust portal and Compliance Manager

- describe the trust relationship with Microsoft
- describe service locations
- explain how to address most common cloud adoption issues

Describe Microsoft 365 pricing and support options (25-30%)

Describe Licensing options available in Microsoft 365

- identify M365 subscription and management options
- describe key selling points of M365 in segments of productivity, collaboration, security, and compliance
- identify the different licensing and payment models available for M365
- understand how to determine and implement best practices

Describe pricing options

- describe the Cloud Solution Provider (CSP) pricing model for Windows and Microsoft cloud services
- describe the basics of cost benefit analysis for on-premises versus cloud services
- identify available billing and bill management options

Describe support offerings for Microsoft 365 services

- describe how to create a support request for Microsoft 365 services

- identify Service Level Agreements (SLAs)
- describe how to determine service health status
- describe the Service Health dashboard

Describe the service lifecycle in Microsoft 365

- describe private preview, public preview, and General Availability (GA) and their correlation to support policy and pricing

The exam guide below shows the changes that will be implemented on July 8, 2020.

Audience Profile

This exam is designed for candidates looking to demonstrate foundational-level knowledge on the considerations and benefits of adopting cloud services in general and the Software as a Service (SaaS) cloud model. Candidates should have knowledge of available options and benefits gained by implementing Microsoft 365 cloud service offerings.

Candidates should have the requisite knowledge to recommend solutions that address common organizational IT challenges and to differentiate Microsoft 365 solutions from the competition in the market. Candidates should also have fundamental knowledge of offerings, optimizing licensing for cost effectiveness, and support options for organizations.

Candidates should be able to differentiate between Microsoft's services and products (Microsoft 365, Azure, and Dynamics 365).

Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

Describe cloud concepts (10-15%)

Describe the different types of cloud services available

- describe Microsoft's IaaS, and PaaS offerings
- describe where Microsoft Azure and Dynamics 365 fit in to the Microsoft ecosystem
- cloud-based productivity solutions

Describe the benefits of and considerations for using a cloud service instead of on-premises services

- describe public, private, and hybrid scenarios
- identify scenarios when usage of cloud-based services is more beneficial than on-premises services
- compare costs of cloud-based services with on-premises services
- identify factors that drive organizations to move to the cloud

Describe Core Microsoft 365 Services and Concepts (30-35%)

Identify core Microsoft 365 capabilities

- productivity and teamwork (IM and chat, online meetings, email and calendaring, Office productivity apps, file storage and sharing, intranet and team sites, enterprise social, accessibility)
- business management (simplified management, business process automation, extensibility, business voice and phone systems, forms and workflow management, business intelligence, work management, customer scheduling and booking, mileage tracking and reporting)
- security and compliance (identity and access management, information protection and governance, threat protection, security management, insider risk management, compliance management, discover and respond)
- describe the capabilities of the Microsoft 365 Admin center and Microsoft 365 user portal

Describe options for deploying and supporting Windows and Office

- describe the deployment and release models for Windows-as-a-Service (WaaS) including deployment rings
- describe the capabilities of Windows Virtual Desktop (WVD) and when it makes sense to implement WVD
- identify deployment and servicing methods for Office 365 ProPlus

Describe analytics capabilities in Microsoft 365

- describe capabilities of Workplace Analytics and MyAnalytics
- describe the reports available in the Microsoft 365 Admin center and other admin centers

Describe Microsoft 365 collaboration solutions

- explain how collaboration solutions in Microsoft 365 can drive personal and organizational productivity
- describe the capabilities for extending Office and Microsoft Teams with Power Platform and third-party apps and services

Explain Security, Compliance, Privacy, and Trust in Microsoft 365 (30-35%)

Explain zero-trust security principles for Microsoft 365

- identify key components that need to be protected within an organization's cloud and on-premises infrastructure
- describe key security pillars of protection, including identity, documents, network, and devices

Explain unified endpoint management concepts

- explain device and application management
- describe bring your own device (BYOD), and application and device management
- explain the value of the Microsoft Endpoint Manager (MEM) including Microsoft Intune and System Center

Explain identity and access management concepts

- describe concepts of cloud identity, on-premises identity, and hybrid identity
- describe the purpose and value of implementing multi-factor authentication (MFA)
- describe the purpose and value of conditional access

Explain Threat Protection in Microsoft 365

- identify how Microsoft 365 services address the most common current threats
- describe the concepts of Cloud App Security

Describe the Service Trust portal, Security center, and Compliance Manager

- identify differences between the Service Trust portal, Security center, and Compliance Manager
- explain the trust relationship between Microsoft and service locations
- describe data protection options including data segregation
- describe how compliance scores are generated and how they can be used
- describe scenarios where knowing the compliance score benefits an organization
- describe the value and capabilities of the Service Trust portal
- explain insider risk management capabilities in the compliance score
- identify eDiscovery use cases and scenarios
- explain why privacy matters to Microsoft
- demonstrate the Security Center and Secure Score benefits and capabilities

Describe information protection and governance solutions

- explain information protection and governance
- identify the types of sensitivity labels and when to use each type

Describe Microsoft 365 Pricing and Support (20-25%)

Plan, predict, and compare pricing

- describe the Cloud Solution Provider (CSP) pricing model for Windows and Microsoft cloud services
- explain available billing and bill management options including billing frequency and methods of payment
- optimize costs based on licensing options

Identify licensing options available in Microsoft 365

- describe the available licensing and management options for Microsoft 365
- describe additional capabilities available when a customer purchases Azure Active Directory P1, Azure Active Directory P2, and Azure AD Basic

Describe the service lifecycle in Microsoft 365

- describe private, public preview, and General Availability (GA) options
- describe the correlation between lifecycle options and pricing
- describe use cases and capabilities for the Microsoft 365 Roadmap portal

Describe support offerings for Microsoft 365 services

- describe how to create a support request for Microsoft 365 services
- describe service level agreements (SLAs) concepts, use cases for SLAs, SLA tiers, roles, and responsibilities
- determine service health status by using the Microsoft 365 dashboard or the tenant dashboard
- describe how organizations can communicate with Microsoft by using UserVoice

Comparison Table

Current study guide	New study guide as of July 8, 2020
Describe Cloud Concepts (15-20%)	Describe cloud concepts (10-15%)
Detail and understand the benefits and considerations of using cloud services	Describe the different types of cloud services available
Describe the different types of cloud services	<ul style="list-style-type: none"> • describe Microsoft's IaaS, and PaaS offerings

<p>available</p> <ul style="list-style-type: none"> • IaaS • PaaS • SaaS • Public, private and hybrid scenarios • position Microsoft 365 in a SaaS scenario 	<ul style="list-style-type: none"> • describe where Microsoft Azure and Dynamics 365 fit in to the Microsoft ecosystem • cloud-based productivity solutions <p>Describe the benefits of and considerations for using a cloud service instead of on-premises services</p> <ul style="list-style-type: none"> • describe public, private, and hybrid scenarios • identify scenarios when usage of cloud-based services is more beneficial than on-premises services • compare costs of cloud-based services with on-premises services • identify factors that drive organizations to move to the cloud
<p>Describe Core Microsoft 365 Services and Concepts (30-35%)</p> <p>Identify core Microsoft 365 components</p> <ul style="list-style-type: none"> • Windows 10 Enterprise • Exchange Online • SharePoint Online • Teams • Enterprise Mobility + Security products and technologies • Microsoft Stream <p>Compare core services in Microsoft 365 with corresponding on-premises services</p> <ul style="list-style-type: none"> • identify scenarios when usage of M365 services is more beneficial than on-premises services <p>Describe the concept of modern management</p> <ul style="list-style-type: none"> • describe the Windows-as-a-Service (WaaS) model 	<p>Describe Core Microsoft 365 Services and Concepts (30-35%)</p> <p>Identify core Microsoft 365 capabilities</p> <ul style="list-style-type: none"> • productivity and teamwork (IM and chat, online meetings, email and calendaring, Office productivity apps, file storage and sharing, intranet and team sites, enterprise social, accessibility) • business management (simplified management, business process automation, extensibility, business voice and phone systems, forms and workflow management, business intelligence, work management, customer scheduling and booking, mileage tracking and reporting) • security and compliance (identity and access management, information protection and governance, threat protection, security management, insider risk management, compliance management, discover and respond) • describe the capabilities of the Microsoft

<ul style="list-style-type: none"> describe the usage of the Microsoft 365 Admin Center and M365 user portal describe the Microsoft deployment and release model for Windows and cloud-based business apps describe how Microsoft Managed Desktop can streamline business needs <p>Describe Office 365 ProPlus offerings</p> <ul style="list-style-type: none"> compare with on-premises Office 2016 deployment <p>Identify collaboration and mobility options with Microsoft 365</p> <ul style="list-style-type: none"> describe the concept of effective collaboration with Microsoft 365 describe the concept of enterprise mobility, device management, and application management within an organization <p>Describe analytics capabilities in Microsoft 365</p>	<p>365 Admin center and Microsoft 365 user portal</p> <p>Describe options for deploying and supporting Windows and Office</p> <ul style="list-style-type: none"> describe the deployment and release models for Windows-as-a-Service (WaaS) including deployment rings describe the capabilities of Windows Virtual Desktop (WVD) and when it makes sense to implement WVD identify deployment and servicing methods for Office 365 ProPlus <p>Describe analytics capabilities in Microsoft 365</p> <ul style="list-style-type: none"> describe capabilities of Workplace Analytics and MyAnalytics describe the reports available in the Microsoft 365 Admin center and other admin centers <p>Describe Microsoft 365 collaboration solutions</p> <ul style="list-style-type: none"> explain how collaboration solutions in Microsoft 365 can drive personal and organizational productivity describe the capabilities for extending Office and Microsoft Teams with Power Platform and third-party apps and services
<p>Describe security, compliance, privacy, and trust options in Microsoft 365 (25-30%)</p> <p>Describe security and compliance concepts with Microsoft 365</p> <ul style="list-style-type: none"> identify key components within an organization's cloud and on-premises infrastructure that require protection describe key security pillars of protection, including identity, documents, network, and 	<p>Explain Security, Compliance, Privacy, and Trust in Microsoft 365 (30-35%)</p> <p>Explain zero-trust security principles for Microsoft 365</p> <ul style="list-style-type: none"> identify key components that need to be protected within an organization's cloud and on-premises infrastructure describe key security pillars of protection, including identity, documents, network, and

<p>devices</p> <p>Describe identity protection and management options</p> <ul style="list-style-type: none">• describe concepts of cloud identity, on-premises identity, and hybrid identity <p>Identify document protection needs and capabilities of Azure Information Protection (AIP)</p> <ul style="list-style-type: none">• describe Multi-Factor Authentication (MFA) <p>Describe the need for unified endpoint management, security usage scenarios, and services</p> <ul style="list-style-type: none">• compare security usage scenarios and services available with Azure Active Directory P1, P2, and Active Directory Domain Services (AD DS)• describe how Microsoft 365 services addresses the most common current threats <p>Describe capabilities of the Service Trust portal and Compliance Manager</p> <ul style="list-style-type: none">• describe the trust relationship with Microsoft• describe service locations• explain how to address most common cloud adoption issues	<p>devices</p> <p>Explain unified endpoint management concepts</p> <ul style="list-style-type: none">• explain device and application management• describe bring you own device (BYOD), and application and device management• explain the value of the Microsoft Endpoint Manager (MEM) including Microsoft Intune and System Center <p>Explain identity and access management concepts</p> <ul style="list-style-type: none">• describe concepts of cloud identity, on-premises identity, and hybrid identity• describe the purpose and value of implementing multi-factor authentication (MFA)• describe the purpose and value of conditional access <p>Explain Threat Protection in Microsoft 365</p> <ul style="list-style-type: none">• identify how Microsoft 365 services address the most common current threats• describe the concepts of Cloud App Security <p>Describe the Service Trust portal, Security center, and Compliance Manager</p> <ul style="list-style-type: none">• identify differences between the Service Trust portal, Security center, and Compliance Manager• explain the trust relationship between Microsoft and service locations• describe data protection options including data segregation• describe how compliance scores are generated and how they can be used• describe scenarios where knowing the compliance score benefits an organization• describe the value and capabilities of the
---	---

	<p>Service Trust portal</p> <ul style="list-style-type: none"> • explain insider risk management capabilities in the compliance score • identify eDiscovery use cases and scenarios • explain why privacy matters to Microsoft • demonstrate the Security Center and Secure Score benefits and capabilities <p>Describe information protection and governance solutions</p> <ul style="list-style-type: none"> • explain information protection and governance • identify the types of sensitivity labels and when to use each type
<p>Describe Microsoft 365 pricing and support options (25-30%)</p> <p>Describe Licensing options available in Microsoft 365</p> <ul style="list-style-type: none"> • identify M365 subscription and management options • describe key selling points of M365 in segments of productivity, collaboration, security, and compliance • identify the different licensing and payment models available for M365 • understand how to determine and implement best practices <p>Describe pricing options</p> <ul style="list-style-type: none"> • describe the Cloud Solution Provider (CSP) pricing model for Windows and Microsoft cloud services • describe the basics of cost benefit analysis for on-premises versus cloud services • identify available billing and bill management options <p>Describe support offerings for Microsoft 365</p>	<p>Describe Microsoft 365 Pricing and Support (20-25%)</p> <p>Plan, predict, and compare pricing</p> <ul style="list-style-type: none"> • describe the Cloud Solution Provider (CSP) pricing model for Windows and Microsoft cloud services • explain available billing and bill management options including billing frequency and methods of payment • optimize costs based on licensing options <p>Identify licensing options available in Microsoft 365</p> <ul style="list-style-type: none"> • describe the available licensing and management options for Microsoft 365 • describe additional capabilities available when a customer purchases Azure Active Directory P1, Azure Active Directory P2, and Azure AD Basic <p>Describe the service lifecycle in Microsoft 365</p> <ul style="list-style-type: none"> • describe private, public preview, and General Availability (GA) options

services

- describe how to create a support request for Microsoft 365 services
- identify Service Level Agreements (SLAs)
- describe how to determine service health status
- describe the Service Health dashboard

Describe the service lifecycle in Microsoft 365

- describe private preview, public preview, and General Availability (GA) and their correlation to support policy and pricing

- describe the correlation between lifecycle options and pricing
- describe use cases and capabilities for the Microsoft 365 Roadmap portal

Describe support offerings for Microsoft 365 services

- describe how to create a support request for Microsoft 365 services
- describe service level agreements (SLAs) concepts, use cases for SLAs, SLA tiers, roles, and responsibilities
- determine service health status by using the Microsoft 365 dashboard or the tenant dashboard
- describe how organizations can communicate with Microsoft by using UserVoice