

Find Azure AD PowerShell and MSOnline cmdlets in Microsoft Graph PowerShell

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You can use this map of Azure AD PowerShell and MSOnline cmdlets to find the cmdlets that you need in the [Microsoft Graph PowerShell SDK](#). For more information about the new cmdlets, see [Get started with the Microsoft Graph PowerShell SDK](#).

Azure AD PowerShell to Microsoft Graph PowerShell by category

The following is the categorization of the Microsoft Entra cmdlets. Select a category to use the cmdlets

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Administrative units

 Expand table

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADMSAdministrativeUnitMember	New-MgDirectoryAdministrativeUnitMemberByRef
Add-AzureADMSScopedRoleMembership	New-MgDirectoryRoleScopedMember
Get-AzureADMSAdministrativeUnit	Get-MgDirectoryAdministrativeUnit

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADMSAdministrativeUnitMember	Get-MgDirectoryAdministrativeUnitMember
Get-AzureADMSScopedRoleMembership	Get-MgUserScopedRoleMemberOf
New-AzureADMSAdministrativeUnit	New-MgDirectoryAdministrativeUnit
Remove-AzureADMSAdministrativeUnit	Remove-MgDirectoryAdministrativeUnit
Remove-AzureADMSAdministrativeUnitMember	Remove-MgDirectoryAdministrativeUnitMemberByRef
Remove-AzureADMSScopedRoleMembership	Remove-MgUserScopedRoleMemberOf

Application proxy application management

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADApplicationProxyApplication	Get-MgBetaApplication
Get-AzureADApplicationProxyApplicationConnectorGroup	
New-AzureADApplicationProxyApplication	
Remove-AzureADApplicationProxyApplication	
Remove-AzureADApplicationProxyApplicationConnectorGroup	
Set-AzureADApplicationProxyApplication	
Set-AzureADApplicationProxyApplicationCustomDomainCertificate	
Set-AzureADApplicationProxyApplicationSingleSignOn	

Application proxy connector management

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADApplicationProxyConnector	Get-MgBetaOnPremisePublishingProfileConnector
Get-AzureADApplicationProxyConnectorGroup	Get-MgBetaOnPremisePublishingProfileConnectorGroup
Get-AzureADApplicationProxyConnectorGroupMembers	Get-MgBetaOnPremisePublishingProfileConnectorGroupMember
Get-AzureADApplicationProxyConnectorMemberOf	Get-MgBetaOnPremisePublishingProfileConnectorMemberOfByRef
New-AzureADApplicationProxyConnectorGroup	New-MgBetaOnPremisePublishingProfileConnectorGroup
Remove-AzureADApplicationProxyConnectorGroup	Remove-MgBetaOnPremisePublishingProfileConnectorGroup
Set-AzureADApplicationProxyApplicationConnectorGroup	Set-MgBetaApplicationConnectorGroupByRef

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Set-AzureADApplicationProxyConnector	Update-MgBetaOnPremisePublishingProfileConnector
Set-AzureADApplicationProxyConnectorGroup	Update-MgBetaOnPremisePublishingProfileConnectorGroup

Applications

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADApplicationOwner	New-MgApplicationOwnerByRef
Get-AzureADApplication	Get-MgApplication
Get-AzureADApplicationExtensionProperty	Get-MgApplicationExtensionProperty
Get-AzureADApplicationKeyCredential	Get-MgApplication
Get-AzureADApplicationLogo	Get-MgApplicationLogo
Get-AzureADApplicationOwner	Get-MgApplicationOwner
Get-AzureADApplicationPasswordCredential	Get-MgApplication
Get-AzureADApplicationServiceEndpoint	Get-MgServicePrincipalEndpoint
Get-AzureADDeletedApplication	Get-MgDirectoryDeletedItem
New-AzureADApplication	New-MgApplication
New-AzureADApplicationExtensionProperty	New-MgApplicationExtensionProperty
New-AzureADApplicationKeyCredential	Add-MgApplicationKey
New-AzureADApplicationPasswordCredential	Add-MgApplicationPassword
Remove-AzureADApplication	Remove-MgApplication
Remove-AzureADApplicationExtensionProperty	Remove-MgApplicationExtensionProperty
Remove-AzureADApplicationKeyCredential	Remove-MgApplicationKey
Remove-AzureADApplicationOwner	Remove-MgApplicationOwnerByRef
Remove-AzureADApplicationPasswordCredential	Remove-MgApplicationPassword
Set-AzureADApplication	Update-MgApplication
Set-AzureADApplicationLogo	Set-MgApplicationLogo

Azure AD

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADMSApplicationOwner	New-MgApplicationOwnerByRef

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADMSServicePrincipalDelegatedPermissionClassification	New-MgServicePrincipalDelegatedPermissionClassification
Get-AzureADApplicationProxyConnectorGroupMember	
Get-AzureADCurrentSessionInfo	Get-MgContext
Get-AzureADMSApplication	Get-MgApplication
Get-AzureADMSApplicationExtensionProperty	Get-MgApplicationExtensionProperty
Get-AzureADMSApplicationOwner	Get-MgApplicationOwner
Get-AzureADMSConditionalAccessPolicy	Get-MgIdentityConditionalAccessPolicy
Get-AzureADMSDeletedDirectoryObject	Get-MgDirectoryDeletedItem
Get-AzureADMSDeletedGroup	Get-MgDirectoryDeletedItem
Get-AzureADMSIdentityProvider	Get-MgIdentityProvider
Get-AzureADMSNamedLocationPolicy	Get-MgIdentityConditionalAccessNamedLocation
Get-AzureADMSPermissionGrantConditionSet ¹	Get-MgPolicyPermissionGrantPolicyInclude
Get-AzureADMSPermissionGrantConditionSet ¹	Get-MgPolicyPermissionGrantPolicyExclude
Get-AzureADMSPermissionGrantPolicy	Get-MgPolicyPermissionGrantPolicy
Get-AzureADMSServicePrincipalDelegatedPermissionClassification	Get-MgServicePrincipalDelegatedPermissionClassification
Get-CrossCloudVerificationCode	Confirm-MgDomain
New-AzureADMSApplication	New-MgApplication
New-AzureADMSApplicationExtensionProperty	New-MgApplicationExtensionProperty
New-AzureADMSApplicationKey	Add-MgApplicationKey
New-AzureADMSApplicationPassword	Add-MgApplicationPassword
New-AzureADMSConditionalAccessPolicy	New-MgIdentityConditionalAccessPolicy
New-AzureADMSIdentityProvider	New-MgIdentityProvider
New-AzureADMSNamedLocationPolicy	New-MgIdentityConditionalAccessNamedLocation
New-AzureADMSPermissionGrantConditionSet ¹	New-MgPolicyPermissionGrantPolicyInclude
New-AzureADMSPermissionGrantConditionSet ¹	New-MgPolicyPermissionGrantPolicyExclude
New-AzureADMSPermissionGrantPolicy	New-MgPolicyPermissionGrantPolicy
Remove-AzureADDeletedApplication	Remove-MgDirectoryDeletedItem
Remove-AzureADMSApplication	Remove-MgApplication
Remove-AzureADMSApplicationExtensionProperty	Remove-MgApplicationExtensionProperty
Remove-AzureADMSApplicationKey	Remove-MgApplicationKey


Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Remove-AzureADMSApplicationOwner	Remove-MgApplicationOwnerByRef
Remove-AzureADMSApplicationPassword	Remove-MgApplicationPassword
Remove-AzureADMSApplicationVerifiedPublisher	Clear-MgApplicationVerifiedPublisher
Remove-AzureADMSConditionalAccessPolicy	Remove-MgIdentityConditionalAccessPolicy
Remove-AzureADMSDeletedDirectoryObject	Remove-MgDirectoryObject
Remove-AzureADMSIdentityProvider	Remove-MgIdentityProvider
Remove-AzureADMSNamedLocationPolicy	Remove-MgIdentityConditionalAccessNamedLocation
Remove-AzureADMSPermissionGrantConditionSet ¹	Remove-MgPolicyPermissionGrantPolicyInclude
Remove-AzureADMSPermissionGrantConditionSet ¹	Remove-MgPolicyPermissionGrantPolicyExclude
Remove-AzureADMSPermissionGrantPolicy	Remove-MgPolicyPermissionGrantPolicy
Remove-AzureADMSServicePrincipalDelegatedPermissionClassification	Remove-MgServicePrincipalDelegatedPermissionClassification
Restore-AzureADMSDeletedDirectoryObject	Restore-MgDirectoryDeletedItem
Set-AzureADMSAdministrativeUnit	Update-MgDirectoryAdministrativeUnit
Set-AzureADMSApplication	Update-MgApplication
Set-AzureADMSApplicationLogo	Set-MgApplicationLogo
Set-AzureADMSApplicationVerifiedPublisher	Set-MgApplicationVerifiedPublisher
Set-AzureADMSConditionalAccessPolicy	Update-MgIdentityConditionalAccessPolicy
Set-AzureADMSIdentityProvider	Update-MgIdentityProvider
Set-AzureADMSNamedLocationPolicy	Update-MgIdentityConditionalAccessNamedLocation
Set-AzureADMSPermissionGrantConditionSet ¹	Update-MgPolicyPermissionGrantPolicyInclude
Set-AzureADMSPermissionGrantConditionSet ¹	Update-MgPolicyPermissionGrantPolicyExclude
Set-AzureADMSPermissionGrantPolicy	Update-MgPolicyPermissionGrantPolicy

Certificate Authorities

 Expand table


Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADTrustedCertificateAuthority	Get-MgOrganizationCertificateBasedAuthConfiguration
New-AzureADTrustedCertificateAuthority	New-MgOrganizationCertificateBasedAuthConfiguration
Remove-AzureADTrustedCertificateAuthority	Remove-MgOrganizationCertificateBasedAuthConfiguration
Set-AzureADTrustedCertificateAuthority	

Connect to your directory

 Expand table


Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Connect-AzureAD	Connect-MgGraph
Disconnect-AzureAD	Disconnect-MgGraph

Contacts

 Expand table


Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADContact	Get-MgContact
Get-AzureADContactDirectReport	Get-MgContactDirectReport
Get-AzureADContactManager	Get-MgContactManager
Get-AzureADContactMembership	Get-MgContactMemberOf
Remove-AzureADContact	Remove-MgContact
Remove-AzureADContactManager	
Select-AzureADGroupIdsContactIsMemberOf	Get-MgContactMemberOf

Contracts

 Expand table


Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADContract	Get-MgContract

Deleted objects

 Expand table

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Restore-AzureADDeletedApplication	Restore-MgDirectoryDeletedItem

Devices

 Expand table

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADDeviceRegisteredOwner	New-MgDeviceRegisteredOwnerByRef
Add-AzureADDeviceRegisteredUser	New-MgDeviceRegisteredUserByRef
Get-AzureADDevice	Get-MgDevice
Get-AzureADDeviceConfiguration	Get-MgDeviceManagementDeviceConfiguration
Get-AzureADDeviceRegisteredOwner	Get-MgDeviceRegisteredOwner
Get-AzureADDeviceRegisteredUser	Get-MgDeviceRegisteredUser
New-AzureADDevice	New-MgDevice
Remove-AzureADDevice	Remove-MgDevice
Remove-AzureADDeviceRegisteredOwner	Remove-MgDeviceRegisteredOwnerByRef
Remove-AzureADDeviceRegisteredUser	Remove-MgDeviceRegisteredUserByRef
Set-AzureADDevice	Update-MgDevice

Directory

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADSubscribedSku	Get-MgSubscribedSku
Get-AzureADTenantDetail	Get-MgOrganization
Set-AzureADTenantDetail	Update-MgOrganization

Directory Objects

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADObjectByObjectId	Get-MgDirectoryObjectById

Directory roles

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADDirectoryRoleMember	New-MgDirectoryRoleMemberByRef
Enable-AzureADDirectoryRole	New-MgDirectoryRole
Get-AzureADDirectoryRole	Get-MgDirectoryRole

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADDirectoryRoleMember	Get-MgDirectoryRoleMember
Get-AzureADDirectoryRoleTemplate	Get-MgDirectoryRoleTemplate
Get-AzureADMSRoleAssignment	Get-MgRoleManagementDirectoryRoleAssignment
Get-AzureADMSRoleDefinition	Get-MgRoleManagementDirectoryRoleDefinition
New-AzureADMSRoleAssignment	New-MgRoleManagementDirectoryRoleAssignment
New-AzureADMSRoleDefinition	New-MgRoleManagementDirectoryRoleDefinition
Remove-AzureADDirectoryRoleMember	Remove-MgDirectoryRoleMemberByRef
Remove-AzureADMSRoleAssignment	Remove-MgRoleManagementDirectoryRoleAssignment
Remove-AzureADMSRoleDefinition	Remove-MgRoleManagementDirectoryRoleDefinition
Set-AzureADMSRoleDefinition	Update-MgRoleManagementDirectoryRoleDefinition

Domains

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Confirm-AzureADDomain	Confirm-MgDomain
Get-AzureADDomain	Get-MgDomain
Get-AzureADDomainNameReference	Get-MgDomainNameReference
Get-AzureADDomainServiceConfigurationRecord	Get-MgDomainServiceConfigurationRecord
Get-AzureADDomainVerificationDnsRecord	Get-MgDomainVerificationDnsRecord
New-AzureADDomain	New-MgDomain
Remove-AzureADDomain	Remove-MgDomain
Set-AzureADDomain	Update-MgDomain

Extension properties

[Expand table](#)


Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADExtensionProperty	Get-MgDirectoryObjectAvailableExtensionProperty

Groups

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADGroupMember	New-MgGroupMember
Add-AzureADGroupOwner	New-MgGroupOwnerByRef
Add-AzureADMSLifecyclePolicyGroup	Add-MgGroupToLifecyclePolicy
Get-AzureADGroup	Get-MgGroup
Get-AzureADGroupAppRoleAssignment	Get-MgGroupAppRoleAssignment
Get-AzureADGroupMember	Get-MgGroupMember
Get-AzureADGroupOwner	Get-MgGroupOwner
Get-AzureADMSGGroup	Get-MgGroup
Get-AzureADMSGGroupLifecyclePolicy	Get-MgGroupLifecyclePolicy
Get-AzureADMSLifecyclePolicyGroup	Get-MgGroupLifecyclePolicy
New-AzureADGroup	New-MgGroup
New-AzureADGroupAppRoleAssignment	New-MgGroupAppRoleAssignment
New-AzureADMSGGroup	New-MgGroup
New-AzureADMSGGroupLifecyclePolicy	New-MgGroupLifecyclePolicy
Remove-AzureADGroup	Remove-MgGroup
Remove-AzureADGroupAppRoleAssignment	Remove-MgGroupAppRoleAssignment
Remove-AzureADGroupMember	Remove-MgGroupMemberByRef
Remove-AzureADGroupOwner	Remove-MgGroupOwnerByRef
Remove-AzureADMSGGroup	Remove-MgGroup
Remove-AzureADMSGGroupLifecyclePolicy	Remove-MgGroupLifecyclePolicy
Remove-AzureADMSLifecyclePolicyGroup	Remove-MgGroupFromLifecyclePolicy
Reset-AzureADMSLifeCycleGroup	Invoke-MgRenewGroup
Select-AzureADGroupIdsGroupsMemberOf	Get-MgGroupMemberOf
Set-AzureADGroup	Update-MgGroup
Set-AzureADMSGGroup	Update-MgGroup
Set-AzureADMSGGroupLifecyclePolicy	Update-MgGroupLifecyclePolicy

Oauth2

 Expand table

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADOAuth2PermissionGrant	Get-MgOauth2PermissionGrant

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Remove-AzureADOAuth2PermissionGrant	Remove-MgOAuth2PermissionGrant

Policies

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADMSAuthorizationPolicy	Get-MgPolicyAuthorizationPolicy
Set-AzureADMSAuthorizationPolicy	Update-MgPolicyAuthorizationPolicy

Service principals

[Expand table](#)

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADServicePrincipalOwner	New-MgServicePrincipalOwnerByRef
Get-AzureADServiceAppRoleAssignedTo	Get-MgServicePrincipalAppRoleAssignedTo
Get-AzureADServiceAppRoleAssignment	Get-MgServicePrincipalAppRoleAssignment
Get-AzureADServicePrincipal	Get-MgServicePrincipal
Get-AzureADServicePrincipalCreatedObject	Get-MgServicePrincipalCreatedObject
Get-AzureADServicePrincipalKeyCredential	Get-MgServicePrincipal
Get-AzureADServicePrincipalMembership	Get-MgServicePrincipalTransitiveMemberOf
Get-AzureADServicePrincipalOAuth2PermissionGrant	Get-MgServicePrincipalOAuth2PermissionGrant
Get-AzureADServicePrincipalOwnedObject	Get-MgServicePrincipalOwnedObject
Get-AzureADServicePrincipalOwner	Get-MgServicePrincipalOwner
Get-AzureADServicePrincipalPasswordCredential	Get-MgServicePrincipal
New-AzureADServiceAppRoleAssignment	New-MgServicePrincipalAppRoleAssignment
New-AzureADServicePrincipal	New-MgServicePrincipal
New-AzureADServicePrincipalKeyCredential ¹	Add-MgServicePrincipalKey
New-AzureADServicePrincipalKeyCredential ¹	Update-MgServicePrincipal
New-AzureADServicePrincipalPasswordCredential	Add-MgServicePrincipalPassword
Remove-AzureADServiceAppRoleAssignment	Remove-MgServicePrincipalAppRoleAssignment
Remove-AzureADServicePrincipal	Remove-MgServicePrincipal
Remove-AzureADServicePrincipalKeyCredential	Remove-MgServicePrincipalKey
Remove-AzureADServicePrincipalOwner	Remove-MgServicePrincipalOwnerByRef

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Remove-AzureADServicePrincipalPasswordCredential	Remove-MgServicePrincipalPassword
Select-AzureADGroupIdsServicePrincipalsMemberOf	Get-MgServicePrincipalMemberOf
Set-AzureADServicePrincipal	Update-MgServicePrincipal

Users


 Expand table

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADUser	Get-MgUser
Get-AzureADUserAppRoleAssignment	Get-MgUserAppRoleAssignment
Get-AzureADUserCreatedObject	Get-MgUserCreatedObject
Get-AzureADUserDirectReport	Get-MgUserDirectReport
Get-AzureADUserExtension	Get-MgUser
Get-AzureADUserLicenseDetail	Get-MgUserLicenseDetail
Get-AzureADUserManager	Get-MgUserManager
Get-AzureADUserMembership	Get-MgUserMemberOf
Get-AzureADUserOAuth2PermissionGrant	Get-MgUserOAuth2PermissionGrant
Get-AzureADUserOwnedDevice	Get-MgUserOwnedDevice
Get-AzureADUserOwnedObject	Get-MgUserOwnedObject
Get-AzureADUserRegisteredDevice	Get-MgUserRegisteredDevice
Get-AzureADUserThumbnailPhoto	Get-MgUserPhoto
New-AzureADMSInvitation	New-MgInvitation
New-AzureADUser	New-MgUser
New-AzureADUserAppRoleAssignment	New-MgUserAppRoleAssignment
Remove-AzureADUser	Remove-MgUser
Remove-AzureADUserAppRoleAssignment	Remove-MgUserAppRoleAssignment
Remove-AzureADUserExtension	Remove-MgUserExtension
Remove-AzureADUserManager	Remove-MgUserManagerByRef
Revoke-AzureADSignedInUserAllRefreshToken	Revoke-MgUserSignInSession
Revoke-AzureADUserAllRefreshToken	Revoke-MgUserSignInSession
Select-AzureADGroupIdsUsersMemberOf	Get-MgUserMemberOf
Set-AzureADUser	Update-MgUser

Azure AD cmdlet	Microsoft Graph PowerShell cmdlet
Set-AzureADUserExtension	Update-MgUser
Set-AzureADUserLicense	Set-MgUserLicense
Set-AzureADUserManager	Set-MgUserManagerByRef
Set-AzureADUserPassword	Update-MgUser
Set-AzureADUserThumbnailPhoto	Set-MgUserPhotoContent
Update-AzureADSignedInUserPassword	Update-MgUserPassword

¹ This cmdlet has more than one cmdlet mapping in Microsoft Graph PowerShell.

MSONline to Microsoft Graph PowerShell

 Expand table

MSONline cmdlet	Microsoft Graph PowerShell cmdlet
Add-MsolAdministrativeUnitMember	New-MgDirectoryAdministrativeUnitMemberByRef
Add-MsolForeignGroupToRole	
Add-MsolGroupMember	New-MgGroupMember
Add-MsolRoleMember	New-MgDirectoryRoleMemberByRef
Add-MsolScopedRoleMember	New-MgDirectoryRoleScopedMember
Confirm-MsolDomain	Confirm-MgDomain
Confirm-MsolEmailVerifiedDomain	
Connect-MsolService	Connect-MgGraph
Convert-MsolDomainToFederated	New-MgDomainFederationConfiguration
Convert-MsolDomainToStandard	Remove-MgDomainFederationConfiguration
Convert-MsolFederatedUser	Reset-MgUserAuthenticationMethodPassword
Disable-MsolDevice	Update-MgDevice
Enable-MsolDevice	Update-MgDevice
Get-MsolAccountSku	Get-MgSubscribedSku
Get-MsolAdministrativeUnit	Get-MgDirectoryAdministrativeUnit
Get-MsolAdministrativeUnitMember	Get-MgDirectoryAdministrativeUnitMember
Get-MsolCompanyAllowedDataLocation	
Get-MsolCompanyInformation	Get-MgOrganization
Get-MsolContact	Get-MgContact
Get-MsolDevice	Get-MgDevice

MSONline cmdlet	Microsoft Graph PowerShell cmdlet
Get-MsolDeviceRegistrationServicePolicy	Get-MgBetaPolicyDeviceRegistrationPolicy
Get-MsolDirSyncConfiguration	Get-MgDirectoryOnPremiseSynchronization
Get-MsolDirSyncFeatures	Get-MgDirectoryOnPremiseSynchronization
Get-MsolDirSyncProvisioningError	Get-MgGroup , Get-MgContact , Get-MgUser
Get-MsolDomain	Get-MgDomain
Get-MsolDomainFederationSettings	Get-MgDomainFederationConfiguration
Get-MsolDomainVerificationDns	Get-MgDomainVerificationDnsRecord
Get-MsolFederationProperty	Get-MgDomainFederationConfiguration
Get-MsolGroup	Get-MgGroup
Get-MsolGroupMember	Get-MgGroupMember
Get-MsolHasObjectsWithDirSyncProvisioningErrors ¹	Get-MgUser , Get-MgGroup , Get-MgContact on property onPremisesProvisioningErrors
Get-MsolPartnerContract	Get-MgContract
Get-MsolPartnerInformation	
Get-MsolPasswordPolicy	Get-MgDomain
Get-MsolRole	Get-MgDirectoryRole
Get-MsolRoleMember	Get-MgDirectoryRoleMember
Get-MsolScopedRoleMember	Get-MgDirectoryRoleScopedMember
Get-MsolServicePrincipal	Get-MgServicePrincipal
Get-MsolServicePrincipalCredential	Get-MgServicePrincipal
Get-MsolSubscription	Get-MgSubscribedSKU
Get-MsolUser	Get-MgUser
Get-MsolUserByStrongAuthentication	
Get-MsolUserRole	Get-MgUserMemberOf
New-MsolAdministrativeUnit	New-MgDirectoryAdministrativeUnit
New-MsolDomain	New-MgDomain
New-MsolFederatedDomain	New-MgDomainFederationConfiguration
New-MsolGroup	New-MgGroup
New-MsolLicenseOptions	Set-MgUserLicense
New-MsolServicePrincipal	New-MgServicePrincipal
New-MsolServicePrincipalAddresses	New-MgServicePrincipal
New-MsolServicePrincipalCredential	Add-MgServicePrincipalKey

MSONline cmdlet	Microsoft Graph PowerShell cmdlet
New-MsolUser	New-MgUser
New-MsolWellKnownGroup	
Redo-MsolProvisionContact	Invoke-MgRetryContactServiceProvisioning
Redo-MsolProvisionGroup	Invoke-MgRetryGroupServiceProvisioning
Redo-MsolProvisionUser	Invoke-MgRetryUserServiceProvisioning
Remove-MsolAdministrativeUnit	Remove-MgDirectoryAdministrativeUnit
Remove-MsolAdministrativeUnitMember	Remove-MgDirectoryAdministrativeUnitScopedRoleMember
Remove-MsolApplicationPassword	Remove-MgApplicationPassword
Remove-MsolContact	Remove-MgContact
Remove-MsolDevice	Remove-MgDevice
Remove-MsolDomain	Remove-MgDomain
Remove-MsolFederatedDomain	Remove-MgDomainFederationConfiguration
Remove-MsolForeignGroupFromRole	
Remove-MsolGroup	Remove-MgGroup
Remove-MsolGroupMember	Remove-MgGroupMemberByRef
Remove-MsolRoleMember	Remove-MgDirectoryRoleMemberByRef
Remove-MsolScopedRoleMember	Remove-MgDirectoryRoleScopedMember
Remove-MsolServicePrincipal	Remove-MgServicePrincipal
Remove-MsolServicePrincipalCredential	Remove-MgServicePrincipalKey
Remove-MsolUser	Remove-MgUser
Reset-MsolStrongAuthenticationMethodByUpn	
Restore-MsolUser	Restore-MgDirectoryDeletedItem
Set-MsolADFSContext	
Set-MsolAdministrativeUnit	Update-MgDirectoryAdministrativeUnit
Set-MsolCompanyAllowedDataLocation	
Set-MsolCompanyContactInformation	Update-MgOrganization
Set-MsolCompanyMultiNationalEnabled	
Set-MsolCompanySecurityComplianceContactInformation	Update-MgOrganization
Set-MsolCompanySettings ¹	Update-MgOrganization
Set-MsolCompanySettings ¹	Update-MgPolicyAuthorizationPolicy
Set-MsolDeviceRegistrationServicePolicy	

MSOnline cmdlet	Microsoft Graph PowerShell cmdlet
Set-MsolDirSyncConfiguration	Update-MgDirectoryOnPremiseSynchronization
Set-MsolDirSyncEnabled	Update-MgBetaOrganization
Set-MsolDirSyncFeature	Update-MgDirectoryOnPremiseSynchronization
Set-MsolDomain	Update-MgDomain
Set-MsolDomainAuthentication	New-MgDomainFederationConfiguration
Set-MsolDomainFederationSettings	New-MgDomainFederationConfiguration
Set-MsolGroup	Update-MgGroup
Set-MsolPartnerInformation	
Set-MsolPasswordPolicy	Update-MgDomain
Set-MsolServicePrincipal	Update-MgServicePrincipal
Set-MsolUser	Update-MgUser
Set-MsolUserLicense	Set-MgUserLicense
Set-MsolUserPassword	Reset-MgUserAuthenticationMethodPassword
Set-MsolUserPrincipalName	Update-MgUser
Update-MsolFederatedDomain	Update-MgDomainFederationConfiguration

¹ This cmdlet has more than one cmdlet mapping in Microsoft Graph PowerShell.

Azure AD Preview to Microsoft Graph PowerShell

 Expand table

Azure AD Preview cmdlet	Microsoft Graph PowerShell cmdlet
Add-AzureADAdministrativeUnitMember	New-MgBetaDirectoryAdministrativeUnitMember
Add-AzureADApplicationPolicy	New-MgBetaApplicationAppManagementPolicyByRef
Add-AzureADMSCustomSecurityAttributeDefinitionAllowedValues	New-MgBetaDirectoryCustomSecurityAttributeDefinitionAllowedValue
Add-AzureADMSFeatureRolloutPolicyDirectoryObject	New-MgBetaDirectoryFeatureRolloutPolicyApplyToByRef
Add-AzureADMSPrivilegedResource ²	Deprecated
Add-AzureADScopedRoleMembership	New-MgBetaDirectoryAdministrativeUnitScopedRoleMember
Add-AzureADServicePrincipalPolicy	New-MgBetaServicePrincipalClaimMappingPolicyByRef
Close-AzureADMSPrivilegedRoleAssignmentRequest ²	Deprecated
Get-AzureADAdministrativeUnit	Get-MgBetaDirectoryAdministrativeUnit
Get-AzureADAdministrativeUnitMember	Get-MgBetaAdministrativeUnitMember

Azure AD Preview cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADApplicationPolicy	Get-MgBetaApplicationAppManagementPolicyByRef
Get-AzureADApplicationSignInDetailedSummary	Get-MgBetaReportApplicationSignInDetailedSummary
Get-AzureADApplicationSignInSummary	Get-MgBetaReportAzureAdApplicationSignInSummary
Get-AzureADAuditDirectoryLogs	Get-MgBetaAuditLogDirectoryAudit
Get-AzureADAuditSignInLogs	Get-MgBetaAuditLogSignIn
Get-AzureADDirectorySetting	Get-MgBetaDirectorySetting
Get-AzureADDirectorySettingTemplate	Get-MgBetaDirectorySettingTemplate
Get-AzureADExternalDomainFederation	Get-MgBetaDomainFederationConfiguration
Get-AzureADMSApplicationTemplate	Get-MgApplicationTemplate
Get-AzureADMSAttributeSet	Get-MgBetaDirectoryAttributeSet
Get-AzureADMSCustomSecurityAttributeDefinition	Get-MgBetaDirectoryCustomSecurityAttributeDefinition
Get-AzureADMSCustomSecurityAttributeDefinitionAllowedValue	Get-MgBetaDirectoryCustomSecurityAttributeDefinitionAllowedValue
Get-AzureADMSFeatureRolloutPolicy	Get-MgBetaPolicyFeatureRolloutPolicy
Get-AzureADMSGroupPermissionGrant	Get-MgBetaGroupPermissionGrant
Get-AzureADMSPasswordSingleSignOnCredential	Get-MgBetaServicePrincipalPasswordSingleSignOnCredential
Get-AzureADMSPrivilegedResource	Get-MgBetaPrivilegedAccessResource
Get-AzureADMSPrivilegedRoleAssignment ²	Deprecated
Get-AzureADMSPrivilegedRoleAssignmentRequest ²	Deprecated
Get-AzureADMSPrivilegedRoleDefinition	Get-MgBetaPrivilegedAccessResourceRoleDefinition
Get-AzureADMSPrivilegedRoleSetting	Get-MgBetaPrivilegedAccessResourceRoleSetting
Get-AzureADMSServicePrincipal	Get-MgBetaServicePrincipal
Get-AzureADMSTrustFrameworkPolicy	Get-MgBetaTrustFrameworkPolicy
Get-AzureADMSUser	Get-MgBetaUser
Get-AzureADObjectSetting	Get-MgBetaGroupSetting
Get-AzureADPolicy ¹	Get-MgBetaPolicyHomeRealmDiscoveryPolicy
Get-AzureADPolicy ¹	Get-MgBetaPolicyActivityBasedTimeoutPolicy
Get-AzureADPolicy ¹	Get-MgBetaPolicyTokenIssuancePolicy
Get-AzureADPolicy ¹	Get-MgBetaPolicyTokenLifetimePolicy
Get-AzureADPolicy ¹	Get-MgBetaPolicyClaimMappingPolicy
Get-AzureADPolicyAppliedObject	Get-MgBetaPolicyHomeRealmDiscoveryPolicyApplyTo
Get-AzureADPrivilegedRole ²	Deprecated

Azure AD Preview cmdlet	Microsoft Graph PowerShell cmdlet
Get-AzureADPrivilegedRoleAssignment	Get-MgBetaPrivilegedRoleRoleAssignment
Get-AzureADScopedRoleMembership	Get-MgBetaDirectoryAdministrativeUnitScopedRoleMember
Get-AzureADServicePrincipalPolicy ¹	Get-MgBetaServicePrincipalClaimMappingPolicy
Get-AzureADServicePrincipalPolicy ¹	Get-MgBetaServicePrincipalHomeRealmDiscoveryPolicy
Get-AzureADServicePrincipalPolicy ¹	Get-MgBetaServicePrincipalTokenIssuancePolicy
Get-AzureADServicePrincipalPolicy ¹	Get-MgBetaServicePrincipalTokenLifetimePolicy
New-AzureADAdministrativeUnit	New-MgBetaDirectoryAdministrativeUnit
New-AzureADDirectorySetting	New-MgBetaDirectorySetting
New-AzureADExternalDomainFederation	New-MgBetaDomainFederationConfiguration
New-AzureADMSAdministrativeUnitMember	New-MgBetaAdministrativeUnitMember
New-AzureADMSApplicationFromApplicationTemplate	Invoke-MgBetaInstantiateApplicationTemplate
New-AzureADMSAttributeSet	New-MgBetaDirectoryAttributeSet
New-AzureADMSCustomSecurityAttributeDefinition	New-MgBetaDirectoryCustomSecurityAttributeDefinition
New-AzureADMSFeatureRolloutPolicy	New-MgBetaPolicyFeatureRolloutPolicy
New-AzureADMSPasswordSingleSignOnCredential	New-MgBetaServicePrincipalPasswordSingleSignOnCredential
New-AzureADMSServicePrincipal	New-MgBetaServicePrincipal
New-AzureADMSTrustFrameworkPolicy	New-MgBetaTrustFrameworkPolicy
New-AzureADMSUser	New-MgBetaUser
New-AzureADObjectSetting	New-MgBetaGroupSetting
New-AzureADPolicy	New-MgBetaPolicyActivityBasedTimeoutPolicy
New-AzureADPrivilegedRoleAssignment ²	Deprecated
Open-AzureADMSPrivilegedRoleAssignmentRequest ²	Deprecated
Remove-AzureADAdministrativeUnit	Remove-MgBetaDirectoryAdministrativeUnit
Remove-AzureADAdministrativeUnitMember	Remove-MgBetaDirectoryAdministrativeUnitMemberByRef
Remove-AzureADApplicationPolicy ¹	Get-MgBetaApplicationAppManagementPolicy
Remove-AzureADApplicationPolicy ¹	Get-MgBetaApplicationHomeRealmDiscoveryPolicy
Remove-AzureADApplicationPolicy ¹	Get-MgBetaApplicationTokenIssuancePolicy
Remove-AzureADApplicationPolicy ¹	Get-MgBetaApplicationTokenLifetimePolicy
Remove-AzureADDirectorySetting	Remove-MgBetaDirectorySetting
Remove-AzureADExternalDomainFederation	Remove-MgBetaDirectoryFederationConfiguration
Remove-AzureADMSFeatureRolloutPolicy	Remove-MgBetaPolicyFeatureRolloutPolicy

Azure AD Preview cmdlet	Microsoft Graph PowerShell cmdlet
Remove-AzureADMSFeatureRolloutPolicyDirectoryObject	Remove-MgBetaPolicyFeatureRolloutPolicyApplyToByRef
Remove-AzureADMSPasswordSingleSignOnCredential	Remove-MgBetaServicePrincipalPasswordSingleSignOnCredential
Remove-AzureADMSTrustFrameworkPolicy	Remove-MgBetaTrustFrameworkPolicy
Remove-AzureADObjectSetting	Remove-MgBetaGroupSetting
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyActivityBasedTimeoutPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyDefaultAppManagementPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyAppManagementPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyAuthenticationFlowPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyAuthenticationMethodPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyClaimMappingPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyFeatureRolloutPolicyApplyToByRef
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyHomeRealmDiscoveryPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyPermissionGrantPolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyTokenIssuancePolicy
Remove-AzureADPolicy ¹	Remove-MgBetaPolicyTokenLifetimePolicy
Remove-AzureADScopedRoleMembership	Remove-MgBetaDirectoryAdministrativeUnitScopedRoleMember
Remove-AzureADServicePrincipalPolicy ¹	Remove-MgBetaServicePrincipalClaimMappingPolicyByRef
Remove-AzureADServicePrincipalPolicy ¹	Remove-MgBetaServicePrincipalHomeRealmDiscoveryPolicyByRef
Set-AzureADAdministrativeUnit	Update-MgBetaDirectoryAdministrativeUnit
Set-AzureADDirectorySetting	Update-MgBetaDirectorySetting
Set-AzureADMSAttributeSet	Update-MgBetaDirectoryAttributeSet
Set-AzureADMSCustomSecurityAttributeDefinition	Update-MgBetaDirectoryCustomSecurityAttributeDefinition
Set-AzureADMSCustomSecurityAttributeDefinitionAllowedValue	Update-MgBetaDirectoryCustomSecurityAttributeDefinitionAllowedValue
Set-AzureADMSFeatureRolloutPolicy	Update-MgBetaPolicyFeatureRolloutPolicy
Set-AzureADMSPasswordSingleSignOnCredential	Update-MgBetaServicePrincipalPasswordSingleSignOnCredential
Set-AzureADMSPrivilegedRoleAssignmentRequest ²	Deprecated
Set-AzureADMSPrivilegedRoleSetting	Update-MgBetaPrivilegedAccessRoleSetting
Set-AzureADMSServicePrincipal	Update-MgBetaServicePrincipal
Set-AzureADMSTrustFrameworkPolicy	Update-MgBetaTrustFrameworkPolicy
Set-AzureADMSUser	Update-MgBetaUser

Azure AD Preview cmdlet	Microsoft Graph PowerShell cmdlet
Set-AzureADObjectSetting	Update-MgBetaGroupSetting
Set-AzureADPolicy ¹	Update-MgBetaPolicyActivityBasedTimeoutPolicy
Set-AzureADPolicy ¹	Update-MgBetaPolicyDefaultAppManagementPolicy
Set-AzureADPolicy ¹	Update-MgBetaPolicyAppManagementPolicy
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Set-AzureADPolicy ¹	Update-MgBetaPolicyTokenLifetimePolicy

¹ This cmdlet has more than one cmdlet mapping in Microsoft Graph PowerShell.

² Privileged Identity Management (PIM) [iteration 3 APIs](#) should be used. Check [this guidance](#) for more details.

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