Windows PowerShell Get-Help on Cmdlet 'New-AzKeyVaultRoleAssignment'

PS:\>Get-HELP New-AzKeyVaultRoleAssignment -Full

NAME

New-AzKeyVaultRoleAssignment

SYNOPSIS

Assigns the specified RBAC role to the specified principal, at the specified scope.

SYNTAX

New-AzKeyVaultRoleAssignment [-HsmName] <System.String> -ApplicationId <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -RoleDefinitionName <System.String> [-Scope <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzKeyVaultRoleAssignment [-HsmName] <System.String> -ApplicationId <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -RoleDefinitionId <System.String> [-Scope <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzKeyVaultRoleAssignment [-HsmName] <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-ObjectId <System.String> -RoleDefinitionName <System.String> [-Scope <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzKeyVaultRoleAssignment [-HsmName] <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-ObjectId <System.String> -RoleDefinitionId <System.String> [-Scope <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzKeyVaultRoleAssignment [-HsmName] <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-RoleDefinitionId <System.String> [-Scope <System.String>] -SignInName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzKeyVaultRoleAssignment [-HsmName] <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-RoleDefinitionName <System.String> [-Scope <System.String>] -SignInName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Use the `New-AzKeyVaultRoleAssignment` command to grant access. Access is granted by assigning the appropriate RBAC role to them at the right scope. The subject of

the assignment must be specified. To specify a user, use SignInName or Microsoft Entra ObjectId parameters. To specify a security group, use Microsoft Entra ObjectId

parameter. And to specify a Microsoft Entra application, use ApplicationId or ObjectId parameters. The role that is being assigned must be specified using the

RoleDefinitionName pr RoleDefinitionId parameter. The scope at which access is being granted may be specified. It defaults to the selected subscription.

The cmdlet may call below Microsoft Graph API according to input parameters:

- GET /directoryObjects/{id}

- GET /users/{id}

- GET /servicePrincipals/{id}

- GET /servicePrincipals

- GET /groups/{id}

PARAMETERS

-ApplicationId <System.String>

The app SPN.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HsmName <System.String>

Name of the HSM.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ObjectId <System.String>

The user or group object id.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RoleDefinitionId <System.String>

Role Id the principal is assigned to.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RoleDefinitionName <System.String>

Name of the RBAC role to assign the principal with.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Scope <System.String>

Scope at which the role assignment or definition applies to, e.g., '/' or '/keys' or '/keys/{keyName}'. '/' is used when

omitted.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SignInName <System.String>

The user SignInName.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,

ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultRoleAssignment

NOTES

---------- Example 1 ----------

New-AzKeyVaultRoleAssignment -HsmName bez-hsm -RoleDefinitionName "Managed Hsm Crypto User" -ObjectId xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

This example assigns role "Managed Hsm Crypto User" to user "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx" at top scope. If user wants to perform operations on keys. "Managed

Hsm Crypto *" role is required for that user.

---------- Example 2 ----------

New-AzKeyVaultRoleAssignment -HsmName myHsm -RoleDefinitionName "Managed HSM Policy Administrator" -SignInName user1@microsoft.com

RoleDefinitionName DisplayName ObjectType Scope

Managed HSM Policy Administrator User 1 (user1@microsoft.com) User /

This example assigns role "Managed HSM Policy Administrator" to user "user1@microsoft.com" at top scope.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.keyvault/new-azkeyvaultroleassignment