



Windows PowerShell Get-Help on Cmdlet 'Get-AzKeyVaultRoleDefinition'

PS:\>Get-HELP Get-AzKeyVaultRoleDefinition -Full

NAME

Get-AzKeyVaultRoleDefinition

SYNOPSIS

List role definitions of a given managed HSM at a given scope.

SYNTAX

```
Get-AzKeyVaultRoleDefinition [-HsmName] <System.String> -Custom [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Scope
    <System.String>] [<CommonParameters>]
```

Get-AzKeyVaultRoleDefinition [-HsmName] <System.String> [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
 -RoleDefinitionName <System.String> [-Scope <System.String>] [<CommonParameters>]

DESCRIPTION

List role definitions of a given managed HSM at a given scope.

PARAMETERS

-Custom <System.Management.Automation.SwitchParameter>

If specified, only displays the custom created roles in the directory.

Required? true

Position? named

Default value False

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

-RoleDefinitionName <System.String>

Name of the role definition to get.

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

<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.PSKeyVaultRoleDefinition

NOTES

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

```
Get-AzKeyVaultRoleDefinition -HsmName myHsm -Scope "/keys"
```

RoleName	Description	Permissions
-----	-----	
Managed HSM Administrator		1 permission(s)
Managed HSM Crypto Officer		1 permission(s)
Managed HSM Crypto User		1 permission(s)
Managed HSM Policy Administrator		1 permission(s)
Managed HSM Crypto Auditor		1 permission(s)
Managed HSM Crypto Service Encryption		1 permission(s)
Managed HSM Backup		1 permission(s)

The example lists all the roles at "/keys" scope.

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

```
$backupRole = Get-AzKeyVaultRoleDefinition -HsmName myHsm -RoleDefinitionName "Managed HSM Backup User"
```

```
$backupRole.Permissions
```

Actions	NotActions	DataActions	NotDataActions
-----	-----	-----	-----
0 action(s)	0 action(s)	3 action(s)	0 action(s)

```
$backupRole.Permissions.DataActions
```

Microsoft.KeyVault/managedHsm/backup/status/action

Microsoft.KeyVault/managedHsm/keys/backup/action

The example gets the "Managed HSM Backup" role and inspects its permissions.

----- Example 3 -----

Get-AzKeyVaultRoleDefinition -HsmName myHsm -Custom

This example lists all the custom role definitions belong to "myHsm".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.keyvault/get-azkeyvaultroledefinition>