Windows PowerShell Get-Help on Cmdlet 'Add-AzSecuritySqlVulnerabilityAssessmentBaseline'

PS:\>Get-HELP Add-AzSecuritySqlVulnerabilityAssessmentBaseline -Full

NAME

Add-AzSecuritySqlVulnerabilityAssessmentBaseline

SYNOPSIS

Add SQL vulnerability assessment baseline.

SYNTAX

Add-AzSecuritySqlVulnerabilityAssessmentBaseline -AgentId <System.String> [-Baseline <System.String[][]>] -ComputerName <System.String> -Database <System.String>

[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -RuleId <System.String> -Server <System.String> -VmUuid

<System.String> -WorkspaceId <System.String> -WorkspaceResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Add-AzSecuritySqlVulnerabilityAssessmentBaseline -AgentId <System.String> -ComputerName <System.String> -Database <System.String> [-DefaultProfile

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

<Microsoft.Azure.Commands.SecurityCenter.Models.SqlVulnerabilityAssessment.PSSqlVulnerabilityAssessmentBaseline[]>

esults> -Server <System.String> -VmUuid

<System.String> -WorkspaceId <System.String> -WorkspaceResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Add-AzSecuritySqlVulnerabilityAssessmentBaseline [-Baseline <System.String[][]>] -Database <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceId <System.String> -RuleId <System.String> -Server <System.String>

-WorkspaceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Add-AzSecuritySqlVulnerabilityAssessmentBaseline -Database <System.String> [-DefaultProfile

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

<Microsoft.Azure.Commands.SecurityCenter.Models.SqlVulnerabilityAssessment.PSSqlVulnerabilityAssessmentBaselineResults> -ResourceId <System.String> -Server

<System.String> -WorkspaceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Add SQL vulnerability assessment baseline

PARAMETERS

-AgentId <System.String>

Agent ID - on premise parameter

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Baseline <System.String[][]>

Vulnerability assessment baseline object

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ComputerName <System.String>

Computer full name - on premise parameter

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Database <System.String>

Database name

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

-InputObject <Microsoft.Azure.Commands.SecurityCenter.Models.SqlVulnerabilityAssessment.PSSqlVulnerabilityAssessmentBaselineResults>

Input Object.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-ResourceId <System.String>

ID of the security resource that you want to invoke the command on. Supported resources are:

- ARC: /subscriptions/{subscriptionId}/resourceGroups/{resourceGroup}/providers/Microsoft.HybridCompute/machines/{machineName}

- VM: /subscriptions/{subscriptionId}/resourceGroups/{resourceGroup}/providers/Microsoft.Compute/virtualMachines/{machineName}

- On-Premise: /subscriptions/{subscriptionId}/resourceGroups/{resourceGroup}/providers/microsoft.operationalinsights/workspaces/{workspaceName}/onPremiseMachines/{machineName}

Required? true
Position? named
Default value None
Accept pipeline input? False

Accept wildcard characters? false

-RuleId <System.String>

Vulnerability assessment rule ID

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Server <System.String>

Server name

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VmUuid <System.String>

Virtual machine universal unique identifier - on premise parameter

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceId <System.String>

Workspace ID.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceResourceId <System.String>

Workspace resource ID - on premise parameter

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

Microsoft.Azure.Commands.SecurityCenter.Models.SqlVulnerabilityAssessment.PSSqlVulnerabilityAssessmentBaselineResults

OUTPUTS

Microsoft.Azure.Commands.SecurityCenter.Models.SqlVulnerabilityAssessment.PSSqlVulnerabilityAssessmentBaselineResults

NOTES

Example 1: Add results as baseline using resource id parameters.

Add-AzSecuritySqlVulnerabilityAssessmentBaseline -ResourceId /subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-workspace/onPremiseMachines/ahabas-dev01.middleeast.corp.microsoft.com_49640166-652f-4ee6-b48b-cfb840b8afe2_4c4c4544-0030-4b10-8039-b8c04f4a3332 -WorkspaceId ba7c9d0e-a6e3-4997-b575-cf7a18a98a49 -Server AHABASDEV01SRV -Database master -RuleId "VA2108" -Baseline @(, @("dbo", "db_owner1", "SQL_USER"))

Results Id

------- --

{dbo db_owner1 SQL_USER}

/subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-work

space/onpremisemachines/ahabas-dev01.middleeast.corp.microsoft.com_49640166-652f-4ee6-b48b-cfb840b8afe2_4c4c4544-0030-4b10-8039-b8c04f4a3332/sqlServ.

Example of resource id parameters. Supported resources are:

- ARC:

/subscriptions/{subscriptionId}/resourceGroups/{resourceGroup}/providers/Microsoft.HybridCompute/machines/{machineName}

- VM:

/subscriptions/{subscriptionId}/resourceGroups/{resourceGroup}/providers/Microsoft.Compute/virtualMachines/{machineName}

- On-Premise:

/subscriptions/{subscriptionId}/resourceGroups/{resourceGroup}/providers/microsoft.operationalinsights/workspaces/{workspaceName}/onPremiseMachines/{machineName}

For on premise resources, the patameter machineName is composed as follows: {ComputerName} {AgentId} {VmUuid}

Notice the @(,@('a','b',...)) syntax for array of arrays of string with only one inner array. Eeach inner array represents a row in the query results.

Example 2: Add results as baseline using on premise parameters.

Add-AzSecuritySqlVulnerabilityAssessmentBaseline -WorkspaceResourceId

/subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-workspace -ComputerName ahabas-dev01.middleeast.corp.microsoft.com -AgentId 49640166-652f-4ee6-b48b-cfb840b8afe2 -VmUuid 4c4c4544-0030-4b10-8039-b8c04f4a3332 -WorkspaceId ba7c9d0e-a6e3-4997-b575-cf7a18a98a49 -Server AHABASDEV01SRV -Database master -RuleId "VA2108" -Baseline @(, @("dbo", "db_owner1", "SQL_USER"))

Results Id

------- --

{dbo db_owner1 SQL_USER} /subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-workspace/onpremisemachines/ahabas-dev01.middleeast.corp.microsoft.com_49640166-652f-4ee6-b48b-cfb840b8afe2_4c4c4544-0030-4b10-8039-b8c04f4a3332/sqlServ.

Example of on premise parameters.

---- Example 3: Add results as baseline for specific rule. ----

Add-AzSecuritySqlVulnerabilityAssessmentBaseline -WorkspaceResourceId

/subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-workspace -ComputerName ahabas-dev01.middleeast.corp.microsoft.com -AgentId 49640166-652f-4ee6-b48b-cfb840b8afe2 -VmUuid 4c4c4544-0030-4b10-8039-b8c04f4a3332 -WorkspaceId ba7c9d0e-a6e3-4997-b575-cf7a18a98a49 -Server AHABASDEV01SRV -Database master -RuleId "VA2108"

Results Id

------- --

{dbo db_owner1 SQL_USER}

/subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-work

space/onpremisemachines/ahabas-dev01.middleeast.corp.microsoft.com_49640166-652f-4ee6-b48b-cfb840b8afe2_4c4c4544-0030-4b10-8039-b8c04f4a3332/sqlServ.

In this example when the -Baseline parameter is not supplied, latest results are set as baseline.

Example 4: Copy baseline from a database to an on prem database using pipe.

Get-AzSecuritySqlVulnerabilityAssessmentBaseline -ResourceId

/subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/ahmadtesting/providers/microsoft.operationalinsights/workspaces/ahabas-workspace/onPremiseMachines/ahabas-dev01.middleeast.corp.microsoft.com_49640166-652f-4ee6-b48b-cfb840b8afe2_4c4c4544-0030-4b10-8039-b8c

04f4a3332 -WorkspaceId ba7c9d0e-a6e3-4997-b575-cf7a18a98a49 -Server AHABASDEV01SRV -Database master | Add-AzSecuritySqlVulnerabilityAssessmentBaseline -ResourceId su

bscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/talmachinegroupeuap/providers/microsoft.operationalinsights/workspaces/talworkspaceeuap2/onPremiseMachi

nes/TAHERSCO-DEV.middleeast.corp.microsoft.com_7adcdd86-adb6-4008-a254-80e0fc425c55_4c4c4544-0058-3310-8032-c4c04f4a4e32 -WorkspaceId

806d6dfa-132f-488d-975b-9bcf2fcd6802 -Server SQLEXPRESS -Database master

Results Id

------- --

{dbo db_owner SQL_USER}

/subscriptions/f26d1f13-67d5-4ad6-9012-67ca12d2436f/resourcegroups/talmachinegroupeuap/providers/microsoft.operationalinsights/workspaces/talwo

rkspaceeuap2/onpremisemachines/tahersco-dev.middleeast.corp.microsoft.com_7adcdd86-adb6-4008-a254-80e0fc425c55_4c.

>[!NOTE] >In this example, we transfer baseline objects from database 'master' from one server to another using InputObjectWithResourceId parameter set. it is

important that both source and destination server have matching platforms, versions, and ruleset otherwise the operation might fail.

RELATED LINKS

Online Version:

https://learn.microsoft.com/powershell/module/az.security/add-azsecuritysqlvulnerabilityassessmentbaseline

Remove-AzSecuritySqlVulnerabilityAssessmentBaseline

https://learn.microsoft.com/powershell/module/az.security/remove-azsecuritysqlvulnerabilityassessmentbaseline

Get-AzSecuritySqlVulnerabilityAssessmentBaseline

https://learn.microsoft.com/powershell/module/az.security/get-azsecuritysqlvulnerabilityassessmentbaseline

Set-AzSecuritySqlVulnerabilityAssessmentBaseline

https://learn.microsoft.com/powershell/module/az.security/set-azsecuritysqlvulnerabilityassessmentbaseline