



Windows PowerShell Get-Help on Cmdlet 'Enable-AzSynapseWorkspace'

PS: \>Get-HELP Enable-AzSynapseWorkspace -Full

NAME

Enable-AzSynapseWorkspace

SYNOPSIS

When creating an Azure Synapse Analytics workspace, you can choose to encrypt all data at rest in the workspace with a customer-managed key which will provide double

encryption to the workspace. You may need to set up the encryption environment firstly, such as to create a key vault with purge protection enable and specify Access

Polices to the key vault. Then use this cmdlet to activate the new Azure Synapse Analytics workspace which double encryption is enabled using a customer-managed key.

SYNTAX

```

Enable-AzSynapseWorkspace [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EncryptionKeyIdentifier <System.String>] -InputObject
<Microsoft.Azure.Commands.Synapse.Models.WorkspaceKey.PSWorkspaceKey> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-EncryptionKeyIdentifier <System.String>] [-Name <System.String>] [-ResourceGroupName <System.String>]
-WorkspaceName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Enable-AzSynapseWorkspace [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-EncryptionKeyIdentifier <System.String>] [-Name <System.String>] -WorkspaceObject
<Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Enable-AzSynapseWorkspace [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-EncryptionKeyIdentifier <System.String>] -ResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Enable-AzSynapseWorkspace cmdlet activates a new Azure Synapse Analytics workspace which double encryption is enabled using a customer-managed key.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

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

-EncryptionKeyIdentifier <System.String>

Key identifier should be in the format of: https://{keyvaultname}.vault.azure.net/keys/{keyname}.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Synapse.Models.WorkspaceKey.PSWorkspaceKey>

Workspace key input object, usually passed through the pipeline.

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

-Name <System.String>

The workspace encryption key name.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource group name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

The resource identifier of Synapse SQL Pool.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceName <System.String>

Name of Synapse workspace.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>

workspace input object, usually passed through the pipeline.

Required? true

Position? named

Default value None
Accept pipeline input? True (ByValue)
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.Synapse.Models.PSSynapseWorkspace

OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.WorkspaceKey.PSWorkspaceKey

NOTES

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

Enable-AzSynapseWorkspace -WorkspaceName ContosoWorkspace

This command activates a new Azure Synapse Analytics workspace named ContosoWorkspace.

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

\$ws = Get-AzSynapseWorkspace -Name ContosoWorkspace

\$ws | Enable-AzSynapseWorkspace

This command activates a new Azure Synapse Analytics workspace named ContosoWorkspace through pipeline.

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

Enable-AzSynapseWorkspace -ResourceId

se/workspaces/ContosoWorkspace/keys/default

This command activates a new Azure Synapse Analytics workspace through pipeline with the specified resource ID.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.synapse/enable-azsynapseworkspace>