



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

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

NAME

New-AzConfidentialLedger

SYNOPSIS

Creates a Confidential Ledger with the specified ledger parameters.

SYNTAX

```
New-AzConfidentialLedger -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>]
[-AadBasedSecurityPrincipal <IAadBasedSecurityPrincipal[]>]
[-CertBasedSecurityPrincipal <ICertBasedSecurityPrincipal[]>] [-LedgerType <LedgerType>] [-Location <String>] [-Tag
<Hashtable>] [-DefaultProfile <PSObject>] [-AsJob]
[-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Creates a Confidential Ledger with the specified ledger parameters.

PARAMETERS

-Name <String>

Name of the Confidential Ledger

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The Azure subscription ID.

This is a GUID-formatted string (e.g.

00000000-0000-0000-0000-000000000000)

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AadBasedSecurityPrincipal <IAadBasedSecurityPrincipal[]>

Array of all AAD based Security Principals.

To construct, see NOTES section for AADBASEDSECURITYPRINCIPAL properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CertBasedSecurityPrincipal <ICertBasedSecurityPrincipal[]>

Array of all cert based Security Principals.

To construct, see NOTES section for CERTBASEDSECURITYPRINCIPAL properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-LedgerType <LedgerType>

Type of Confidential Ledger

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The Azure location where the Confidential Ledger is running.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Additional tags for Confidential Ledger

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false
Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false
Position? named
Default value
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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.ConfidentialLedger.Models.Api20220513.IConfidentialLedger

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about_Hash_Tables.

AADBASEDSECURITYPRINCIPAL <IAadBasedSecurityPrincipal[]>: Array of all AAD based Security Principals

[LedgerRoleName <LedgerRoleName?>]: LedgerRole associated with the Security Principal of Ledger

[PrincipalId <String>]: UUID/GUID based Principal Id of the Security Principal

[TenantId <String>]: UUID/GUID based Tenant Id of the Security Principal

CERTBASEDSECURITYPRINCIPAL <ICertBasedSecurityPrincipal[]>: Array of all cert based Security Principals.

[Cert <String>]: Public key of the user cert (.pem or .cer)

[LedgerRoleName <LedgerRoleName?>]: LedgerRole associated with the Security Principal of Ledger

----- EXAMPLE 1 -----

PS C:\>New-AzConfidentialLedger `

-Name test-ledger `

-ResourceGroupName rg-000 `

-SubscriptionId 00000000-0000-0000-0000-000000000000 `

-AadBasedSecurityPrincipal `

@{

LedgerRoleName="Administrator";

PrincipalId="34621747-6fc8-4771-a2eb-72f31c461f2e";

TenantId="bce123b9-2b7b-4975-8360-5ca0b9b1cd08"

} `

-CertBasedSecurityPrincipal `

@{

Cert="-----BEGIN

CERTIFICATE-----*****

CERTIFICATE-----";

LedgerRoleName="Reader"

}`

-LedgerType Public`

-Location eastus`

-Tag @{Location="additional properties 0"}

----- EXAMPLE 2 -----

PS C:\>\$aadSecurityPrincipal = New-AzConfidentialLedgerAADBasedSecurityPrincipalObject`

-LedgerRoleName "Administrator" `

-PrincipalId "34621747-6fc8-4771-a2eb-72f31c461f2e" `

-TenantId "bce123b9-2b7b-4975-8360-5ca0b9b1cd08"

\$certSecurityPrincipal = New-AzConfidentialLedgerCertBasedSecurityPrincipalObject`

-Cert

"-----BEGIN

CERTIFICATE-----*****

*****-----END

CERTIFICATE-----" `

-LedgerRoleName "Reader"

New-AzConfidentialLedger`

-Name test-ledger `
-ResourceGroupName rg-000 `
-SubscriptionId 00000000-0000-0000-0000-000000000000 `
-AadBasedSecurityPrincipal \$aadSecurityPrincipal `
-CertBasedSecurityPrincipal \$certSecurityPrincipal `
-LedgerType Public `
-Location eastus `
-Tag @{Location="additional properties 0"}

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.confidentialledger/new-azconfidentialledger>