



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzDataBricksWorkspace'***

***PS: \>Get-HELP New-AzDataBricksWorkspace -Full***

### **NAME**

New-AzDataBricksWorkspace

### **SYNOPSIS**

Creates a new workspace.

### **SYNTAX**

```
New-AzDataBricksWorkspace -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location
<String> [-ManagedResourceGroupName <String>]
[-AmlWorkspaceId <String>] [-Authorization <IWorkspaceProviderAuthorization[]>] [-EnableNoPublicIP]
[-EncryptionKeyName <String>] [-EncryptionKeySource <KeySource>]
[-EncryptionKeyVaultUri <String>] [-EncryptionKeyVersion <String>] [-LoadBalancerBackendPoolName <String>]
[-LoadBalancerId <String>]
[-ManagedDiskKeyVaultPropertiesKeyName <String>] [-ManagedDiskKeyVaultPropertiesKeyVaultUri <String>]
[-ManagedDiskKeyVaultPropertiesKeyVersion <String>]
[-ManagedDiskRotationToLatestKeyVersionEnabled] [-ManagedServicesKeyVaultPropertiesKeyName <String>]
[-ManagedServicesKeyVaultPropertiesKeyVaultUri <String>]
[-ManagedServicesKeyVaultPropertiesKeyVersion <String>] [-NatGatewayName <String>] [-PrepareEncryption]
[-PrivateSubnetName <String>] [-PublicIPName <String>]
```

[-PublicNetworkAccess <PublicNetworkAccess>] [-PublicSubnetName <String>] [-RequireInfrastructureEncryption]  
 [-RequiredNsgRule <RequiredNsgRules>] [-Sku <String>]  
 [-SkuTier <String>] [-StorageAccountName <String>] [-StorageAccountSku <String>] [-Tag <Hashtable>] [-UiDefinitionUri  
 <String>] [-VirtualNetworkId <String>]  
 [-VnetAddressPrefix <String>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]  
 [-HttpPipelinePrepend <SendAsyncStep[]>]  
 [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]  
 [<CommonParameters>]

## DESCRIPTION

Creates a new workspace.

## PARAMETERS

-Name <String>

The name of the workspace.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ManagedResourceGroupName <String>

The managed resource group Id.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AmlWorkspaceId <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Authorization <IWorkspaceProviderAuthorization[]>

The workspace provider authorizations.

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EnableNoPublicIP [<SwitchParameter>]

The value which should be used for this field.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-EncryptionKeyName <String>

The name of KeyVault key.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EncryptionKeySource <KeySource>

The encryption keySource (provider).

Possible values (case-insensitive): Default, Microsoft.Keyvault

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EncryptionKeyVaultUri <String>

The Uri of KeyVault.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EncryptionKeyVersion <String>

The version of KeyVault key.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-LoadBalancerBackendPoolName <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -LoadBalancerId <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -ManagedDiskKeyVaultPropertiesKeyName <String>

The name of KeyVault key.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -ManagedDiskKeyVaultPropertiesKeyVaultUri <String>

The URI of KeyVault.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -ManagedDiskKeyVaultPropertiesKeyVersion <String>

The version of KeyVault key.

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

-ManagedDiskRotationToLatestKeyVersionEnabled [<SwitchParameter>]

Indicate whether the latest key version should be automatically used for Managed Disk Encryption.

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

-ManagedServicesKeyVaultPropertiesKeyName <String>

The name of KeyVault key.

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

-ManagedServicesKeyVaultPropertiesKeyVaultUri <String>

The Uri of KeyVault.

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

-ManagedServicesKeyVaultPropertiesKeyVersion <String>

The version of KeyVault key.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NatGatewayName <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PrepareEncryption [<SwitchParameter>]

The value which should be used for this field.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-PrivateSubnetName <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -PublicIPName <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -PublicNetworkAccess <PublicNetworkAccess>

The network access type for accessing workspace.

Set value to disabled to access workspace only via private link.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -PublicSubnetName <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -RequireInfrastructureEncryption [<SwitchParameter>]

The value which should be used for this field.

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

**-RequiredNsgRule <RequiredNsgRules>**

Gets or sets a value indicating whether data plane (clusters) to control plane communication happen over private endpoint.

Supported values are 'AllRules' and 'NoAzureDatabricksRules'.

'NoAzureServiceRules' value is for internal use only.

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

**-Sku <String>**

The SKU name.

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

**-SkuTier <String>**

The SKU tier.

Required? false  
Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageAccountName <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageAccountSku <String>

The value which should be used for this field.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-UiDefinitionUri <String>

The blob URI where the UI definition file is located.

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

**-VirtualNetworkId <String>**

The value which should be used for this field.

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

**-VnetAddressPrefix <String>**

The value which should be used for this field.

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

## INPUTS

## OUTPUTS

## 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.

AUTHORIZATION <IWorkspaceProviderAuthorization[]>: The workspace provider authorizations.

PrincipalId <String>: The provider's principal identifier. This is the identity that the provider will use to call ARM to manage the workspace resources.

RoleDefinitionId <String>: The provider's role definition identifier. This role will define all the permissions that the provider must have on the workspace's

container resource group. This role definition cannot have permission to delete the resource group.

#### ----- EXAMPLE 1 -----

```
PS C:\>New-AzDatabricksWorkspace -Name azps-databricks-workspace-t1 -ResourceGroupName azps_test_gp_db
-Location eastus -ManagedResourceGroupName azps_test_gp_kv_t1
-Sku Premium
```

#### ----- EXAMPLE 2 -----

```
PS C:\>$dlg = New-AzDelegation -Name dbrdl -ServiceName "Microsoft.Databricks/workspaces"
```

```

$rdpRule = New-AzNetworkSecurityRuleConfig -Name azps-network-security-rule -Description "Allow RDP" -Access
Allow -Protocol Tcp -Direction Inbound -Priority 100
-SourceAddressPrefix Internet -SourcePortRange * -DestinationAddressPrefix * -DestinationPortRange 3389

$networkSecurityGroup = New-AzNetworkSecurityGroup -ResourceGroupName azps_test_gp_db -Location eastus
-Name azps-network-security-group -SecurityRules $rdpRule

$kvSubnet = New-AzVirtualNetworkSubnetConfig -Name azps-vnetwork-sub-kv -AddressPrefix "110.0.1.0/24"
-ServiceEndpoint "Microsoft.KeyVault"

$priSubnet = New-AzVirtualNetworkSubnetConfig -Name azps-vnetwork-sub-pri -AddressPrefix "110.0.2.0/24"
-NetworkSecurityGroup $networkSecurityGroup -Delegation $dlg

$pubSubnet = New-AzVirtualNetworkSubnetConfig -Name azps-vnetwork-sub-pub -AddressPrefix "110.0.3.0/24"
-NetworkSecurityGroup $networkSecurityGroup -Delegation $dlg

$testVN = New-AzVirtualNetwork -Name azps-virtual-network -ResourceGroupName azps_test_gp_db -Location eastus
-AddressPrefix "110.0.0.0/16" -Subnet
$kvSubnet,$priSubnet,$pubSubnet

$pNetResId = (Get-AzVirtualNetwork -Name azps-virtual-network -ResourceGroupName azps_test_gp_db).Subnets[0].Id

$ruleSet = New-AzKeyVaultNetworkRuleSetObject -DefaultAction Allow -Bypass AzureServices -IpAddressRange
"110.0.1.0/24" -VirtualNetworkResourceId $pNetResId

New-AzKeyVault -ResourceGroupName azps_test_gp_db -VaultName azps-keyvault -NetworkRuleSet $ruleSet
-Location eastus -Sku 'Premium' -EnablePurgeProtection

New-AzDatabricksWorkspace -Name azps-databricks-workspace-t2 -ResourceGroupName azps_test_gp_db -Location
eastus -ManagedResourceGroupName azps_test_gp_kv_t2

-VirtualNetworkId $testVN.Id -PrivateSubnetName $priSubnet.Name -PublicSubnetName $pubSubnet.Name -Sku
Premium

```

### ----- EXAMPLE 3 -----

```

PS C:\>New-AzDatabricksWorkspace -Name azps-databricks-workspace-t3 -ResourceGroupName azps_test_gp_db
-Location eastus -PrepareEncryption -ManagedResourceGroupName
azps_test_gp_kv_t3 -Sku premium

```

#### RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.databricks/new-azdatabricksworkspace>