



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

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

NAME

New-AzBatchAccount

SYNOPSIS

Creates a Batch account.

SYNTAX

```
New-AzBatchAccount [-AccountName] <System.String> [-Location] <System.String> [-ResourceGroupName]
<System.String> [[-AutoStorageAccountId] <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EncryptionKeyIdentifier <System.String>]
[-EncryptionKeySource {MicrosoftBatch | MicrosoftKeyVault}] [-IdentityId <System.String[]>] [-IdentityType
{SystemAssigned | UserAssigned | None}] [-KeyVaultId
<System.String>] [-KeyVaultUrl <System.String>] [-PoolAllocationMode {BatchService | UserSubscription}]
[-PublicNetworkAccess {Enabled | Disabled}] [-Tag
<System.Collections.Hashtable>] [<CommonParameters>]
```

DESCRIPTION

The New-AzBatchAccount cmdlet creates an Azure Batch account for the specified resource group and location.

PARAMETERS

-AccountName <System.String>

Specifies the name of the Batch account that this cmdlet creates. Batch account names must be between 3 and 24 characters long and contain only numbers and lowercase letters.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AutoStorageAccountId <System.String>

Specifies the resource ID of the storage account to be used for auto storage.

Required? false

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

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>

The Key Identifier for customer-based encryption.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EncryptionKeySource <Microsoft.Azure.Management.Batch.Models.KeySource>

Configures how customer data is encrypted inside the Batch account. By default, accounts are encrypted using a Microsoft managed key. For additional control, a customer-managed key can be used instead.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IdentityId <System.String[]>

The list of user assigned identities associated with the BatchAccount. This parameter is only used when IdentityType is set to UserAssigned.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IdentityType <Microsoft.Azure.Management.Batch.Models.ResourceIdentityType>

The identity associated with the BatchAccount

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

-KeyVaultId <System.String>

The resource ID of the Azure key vault associated with the Batch account.

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

-KeyVaultUrl <System.String>

The URL of the Azure key vault associated with the Batch account.

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

-Location <System.String>

Specifies the region where this cmdlet creates the account. For more information, see Azure Regions (<https://azure.microsoft.com/en-us/regions>).

Required? true
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-PoolAllocationMode <System.Nullable`1[Microsoft.Azure.Management.Batch.Models.PoolAllocationMode]>

The allocation mode for creating pools in the Batch account.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublicNetworkAccess <Microsoft.Azure.Management.Batch.Models.PublicNetworkAccessType>

The public network access type

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group in which this cmdlet creates the account.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"}

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

System.String

System.Nullable`1[[Microsoft.Azure.Management.Batch.Models.PoolAllocationMode, Microsoft.Azure.Management.Batch, Version=9.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35]]

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.Batch.BatchAccountContext

NOTES

----- Example 1: Create a Batch account -----

```
New-AzBatchAccount -AccountName "pfuller" -ResourceGroupName "ResourceGroup03" -Location "WestUS"
```

AccountName : pfuller

Location : westus

ResourceGroupName : ResourceGroup03

DedicatedCoreQuota : 20

LowPriorityCoreQuota : 20

PoolQuota : 20

ActiveJobAndJobScheduleQuota : 20

Tags :

TaskTenantUrl : https://cmdletexample.westus.batch.azure.com

This command creates a Batch account named pfuller using the ResourceGroup03 resource group in the West US location.

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

```
New-AzBatchAccount -AccountName 'pfuller' -AutoStorageAccountId <String> -Location 'WestUS' -ResourceGroupName 'ResourceGroup03'
```

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.batch/new-azbatchaccount>

[Get-AzBatchAccount](#)

[Remove-AzBatchAccount](#)

[Set-AzBatchAccount](#)

[Azure Batch Cmdlets](#)

