



Windows PowerShell Get-Help on Cmdlet 'Get-AzBatchComputeNodeExtension'

PS:\>Get-HELP Get-AzBatchComputeNodeExtension -Full

NAME

Get-AzBatchComputeNodeExtension

SYNOPSIS

Gets Batch compute node extensions from a compute node.

SYNTAX

```
Get-AzBatchComputeNodeExtension [-Pool] <Microsoft.Azure.Commands.Batch.Models.PSCloudPool>
[-ComputeNodeId] <System.String> [[-Name] <System.String>] -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-MaxCount <System.Int32>] [-Select <System.String>] [<CommonParameters>]
```

```
Get-AzBatchComputeNodeExtension [-PoolId] <System.String> [-ComputeNodeId] <System.String> [[-Name]
<System.String>] -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-MaxCount <System.Int32>] [-Select <System.String>] [<CommonParameters>]
```

DESCRIPTION

If an extension name is provided, a single extension with a matching name is returned from the provided compute node (if found). Otherwise, all extensions on the

compute node is returned. Further extension details can be found on the extension's VmExtension Property.

PARAMETERS

-BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

The BatchAccountContext instance to use when interacting with the Batch service. If you use the Get-AzBatchAccount cmdlet to get your BatchAccountContext, then

Microsoft Entra authentication will be used when interacting with the Batch service. To use shared key authentication instead, use the Get-AzBatchAccountKeys

cmdlet to get a BatchAccountContext object with its access keys populated. When using shared key authentication, the primary access key is used by default. To

change the key to use, set the BatchAccountContext.KeyInUse property.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ComputeNodeId <System.String>

The id of the compute node to which the extension belongs.

Required? true

Position? 1

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

-MaxCount <System.Int32>

Specifies the maximum number of compute node extensions to return.

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

-Name <System.String>

The name of the extension to get.

Required?	false
Position?	2
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Pool <Microsoft.Azure.Commands.Batch.Models.PSCloudPool>

The pool to which the extension's compute node belongs.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)

Accept wildcard characters? false

-PoolId <System.String>

The id of the pool to which the extension's compute node belongs.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Select <System.String>

Specifies an OData select clause. Specify a value for this parameter to get specific properties rather than all object properties.

Required? false

Position? named

Default value None

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

System.String

Microsoft.Azure.Commands.Batch.Models.PSCloudPool

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSNodeVMExtension

NOTES

----- Example 1 Get all extensions from a compute node. -----

Get-AzBatchComputeNodeExtension "testPool" "testNode" -BatchContext \$context

InstanceView	ProvisioningState	VmExtension
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Microsoft.Azure.Commands.Batch.Models.PSVMExtensionInstanceView	Succeeded
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Microsoft.Azure.Commands.Batch.Models.PSVMExtension

Microsoft.Azure.Commands.Batch.Models.PSVMExtensionInstanceView	Failed
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Microsoft.Azure.Commands.Batch.Models.PSVMExtension

--- Example 2 Get a specific extension from a compute node. ---

Get-AzBatchComputeNodeExtension "testPool" "testNode" "secrettext" -BatchContext \$context

InstanceView

ProvisioningState VmExtension

Microsoft.Azure.Commands.Batch.Models.PSVMEExtensionInstanceView Failed

Microsoft.Azure.Commands.Batch.Models.PSVMEExtension

RELATED LINKS

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