



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

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

NAME

New-AzPolicyDefinition

SYNOPSIS

Creates or updates a policy definition.

SYNTAX

```
New-AzPolicyDefinition -Name <String> [-InputObject <IPolicyIdentity>] -Policy <String> [-DisplayName <String>]
[-Description <String>] [-Metadata <String>]
[-Parameter <String>] [-Mode <String>] [-BackwardCompatible] [-DefaultProfile <PSObject>] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]
```

```
New-AzPolicyDefinition -Name <String> [-InputObject <IPolicyIdentity>] -ManagementGroupName <String> -Policy
<String> [-DisplayName <String>] [-Description <String>]
[-Metadata <String>] [-Parameter <String>] [-Mode <String>] [-BackwardCompatible] [-DefaultProfile <PSObject>]
[-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials]
```

[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzPolicyDefinition -Name <String> [-InputObject <IPolicyIdentity>] -SubscriptionId <String> -Policy <String>
[-DisplayName <String>] [-Description <String>]
[-Metadata <String>] [-Parameter <String>] [-Mode <String>] [-BackwardCompatible] [-DefaultProfile <PSObject>]
[-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

The **New-AzPolicyDefinition** cmdlet creates or updates a policy definition that includes a policy rule JSON format.

PARAMETERS

-Name <String>

The name of the policy definition to create.

Required? true

Position? named

Default value

Accept pipeline input? true (ByPropertyName)

Accept wildcard characters? false

-InputObject <IPolicyIdentity>

This parameter is generated by autorest, but not yet supported.

Fully implementing it is beyond the scope of

the initial port to autorest: we are hiding this for now and will implement it in a future PR.

Identity Parameter

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ManagementGroupName <String>

The ID of the management group.

Required? true

Position? named

Default value

Accept pipeline input? true (ByPropertyName)

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? true

Position? named

Default value

Accept pipeline input? true (ByPropertyName)

Accept wildcard characters? false

-Policy <String>

The policy rule.

Required? true

Position? named

Default value

Accept pipeline input? true (ByPropertyName)

Accept wildcard characters? false

-DisplayName <String>

The display name of the policy definition.

Required? false
Position? named
Default value
Accept pipeline input? true (ByPropertyName)
Accept wildcard characters? false

-Description <String>

The policy definition description.

Required? false
Position? named
Default value
Accept pipeline input? true (ByPropertyName)
Accept wildcard characters? false

-Metadata <String>

The policy definition metadata.

Metadata is an open ended object and is typically a collection of key value pairs.

Required? false
Position? named
Default value
Accept pipeline input? true (ByPropertyName)
Accept wildcard characters? false

-Parameter <String>

The parameter definitions for parameters used in the policy rule.

The keys are the parameter names.

Required? false
Position? named
Default value

Accept pipeline input? true (ByPropertyName)

Accept wildcard characters? false

-Mode <String>

The policy definition mode.

Some examples are All, Indexed, Microsoft.KeyVault.Data.

Required? false

Position? named

Default value

Accept pipeline input? true (ByPropertyName)

Accept wildcard characters? false

-BackwardCompatible [<SwitchParameter>]

Causes cmdlet to return artifacts using legacy format placing policy-specific properties in a property bag object.

Required? false

Position? named

Default value False

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

-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

-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

System.String

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.Policy.Models.IPolicyDefinition

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

PS C:\>{

```
"if": {  
  "field": "location",  
  "notIn": ["eastus", "westus", "centralus"]  
},  
"then": {  
  "effect": "audit"  
}  
}
```

New-AzPolicyDefinition -Name 'LocationDefinition' -Policy C:\LocationPolicy.json

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

PS C:\>{

```
"if": {  
    "field": "location",  
    "notIn": "[parameters('listOfAllowedLocations')]"  
},  
"then": {  
    "effect": "audit"  
}  
}
```

```
New-AzPolicyDefinition -Name 'LocationDefinition' -Policy C:\LocationPolicy.json -Parameter '{ "listOfAllowedLocations": {  
"type": "array" } }'
```

----- EXAMPLE 3 -----

```
PS C:\>New-AzPolicyDefinition -Name 'VMPolicyDefinition' -ManagementGroupName Dept42 -DisplayName 'Virtual  
Machine policy definition' -Policy  
'{"if":{"field":"type","equals":"Microsoft.Compute/virtualMachines"},"then":{"effect":"deny"}}'
```

----- EXAMPLE 4 -----

```
PS C:\>New-AzPolicyDefinition -Name 'VMPolicyDefinition' -Metadata '{"category":"Virtual Machine"}' -Policy
{'if':{'field':"type","equals":"Microsoft.Compute/virtualMachines"},"then":{"effect":"deny"}} | Format-List
```

----- EXAMPLE 5 -----

```
PS C:\>New-AzPolicyDefinition -Name 'TagsPolicyDefinition' -Policy {'if':{'value':['less(length(field("tags")),
3)]',"equals":true},"then":{"effect":"deny"}}'
```

-Mode Indexed

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.resources/new-azpolicydefinition>