



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

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

NAME

New-AzContainerRegistry

SYNOPSIS

Creates a container registry with the specified parameters.

SYNTAX

```
New-AzContainerRegistry -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
-Sku <SkuName> [-AnonymousPullEnabled]
[-AzureAdAuthenticationAsArmPolicyStatus <AzureAdAuthenticationAsArmPolicyStatus>] [-DataEndpointEnabled]
[-EnableAdminUser] [-EncryptionStatus <EncryptionStatus>]
[-ExportPolicyStatus <ExportPolicyStatus>] [-IdentityPrincipalId <String>] [-IdentityTenantId <String>] [-IdentityType
<ResourceIdentityType>]
[-IdentityUserAssignedIdentity <Hashtable>] [-KeyVaultPropertyIdentity <String>] [-KeyVaultPropertyKeyIdentifier
<String>] [-NetworkRuleBypassOption
<NetworkRuleBypassOptions>] [-NetworkRuleSetDefaultAction <DefaultAction>] [-NetworkRuleSetIPRule <IIPRule[]>]
[-PublicNetworkAccess <PublicNetworkAccess>]
[-QuarantinePolicyStatus <PolicyStatus>] [-RetentionPolicyDay <Int32>] [-RetentionPolicyStatus <PolicyStatus>]
[-SoftDeletePolicyRetentionDay <Int32>]
```

[-SoftDeletePolicyStatus <PolicyStatus>] [-Tag <Hashtable>] [-TrustPolicyStatus <PolicyStatus>] [-TrustPolicyType <TrustPolicyType>] [-ZoneRedundancy <ZoneRedundancy>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Creates a container registry with the specified parameters.

PARAMETERS

-Name <String>

The name of the container registry.

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.

The value must be an UUID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The location of the resource.

This cannot be changed after the resource is created.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Sku <SkuName>

The SKU name of the container registry.

Required for registry creation.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AnonymousPullEnabled [<SwitchParameter>]

Enables registry-wide pull from unauthenticated clients.

Required? false

Position? named

Default value False
Accept pipeline input? false
Accept wildcard characters? false

-AzureAdAuthenticationAsArmPolicyStatus <AzureAdAuthenticationAsArmPolicyStatus>

The value that indicates whether the policy is enabled or not.

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

-DataEndpointEnabled [<SwitchParameter>]

Enable a single data endpoint per region for serving data.

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

-EnableAdminUser [<SwitchParameter>]

The value that indicates whether the admin user is enabled.

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

-EncryptionStatus <EncryptionStatus>

Indicates whether or not the encryption is enabled for container registry.

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

-ExportPolicyStatus <ExportPolicyStatus>

The value that indicates whether the policy is enabled or not.

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

-IdentityPrincipalId <String>

The principal ID of resource identity.

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

-IdentityTenantId <String>

The tenant ID of resource.

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

-IdentityType <ResourceIdentityType>

The identity type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IdentityUserAssignedIdentity <Hashtable>

The list of user identities associated with the resource.

The user identity dictionary key references will be ARM resource ids in the form:

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/

providers/Microsoft.ManagedIdentity/userAssignedIdentities/{identityName}'.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultPropertyIdentity <String>

The client id of the identity which will be used to access key vault.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultPropertyKeyIdentifier <String>

Key vault uri to access the encryption key.

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

-NetworkRuleBypassOption <NetworkRuleBypassOptions>

Whether to allow trusted Azure services to access a network restricted registry.

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

-NetworkRuleSetDefaultAction <DefaultAction>

The default action of allow or deny when no other rules match.

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

-NetworkRuleSetIPRule <IPRule[]>

The IP ACL rules.

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

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

Accept wildcard characters? false

-PublicNetworkAccess <PublicNetworkAccess>

Whether or not public network access is allowed for the container registry.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-QuarantinePolicyStatus <PolicyStatus>

The value that indicates whether the policy is enabled or not.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RetentionPolicyDay <Int32>

The number of days to retain an untagged manifest after which it gets purged.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-RetentionPolicyStatus <PolicyStatus>

The value that indicates whether the policy is enabled or not.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SoftDeletePolicyRetentionDay <Int32>

The number of days after which a soft-deleted item is permanently deleted.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SoftDeletePolicyStatus <PolicyStatus>

The value that indicates whether the policy is enabled or not.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

The tags of the resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TrustPolicyStatus <PolicyStatus>

The value that indicates whether the policy is enabled or not.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TrustPolicyType <TrustPolicyType>

The type of trust policy.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ZoneRedundancy <ZoneRedundancy>

Whether or not zone redundancy is enabled for this container registry

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

Microsoft.Azure.PowerShell.Cmdlets.ContainerRegistry.Models.Api202301Preview.IRegistry

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.

NETWORKRULESETIPRULE <IIPRule[]>: The IP ACL rules.

IPAddressOrRange <String>: Specifies the IP or IP range in CIDR format. Only IPV4 address is allowed.

[Action <Action?>]: The action of IP ACL rule.

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

```
PS C:\>New-AzContainerRegistry -ResourceGroupName "MyResourceGroup" -Name "RegistryExample" -Sku "Basic"
-Location "west us"
```

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

```
PS C:\>New-AzContainerRegistry -ResourceGroupName "MyResourceGroup" -Name "RegistryExample" -Sku "Basic"
-Location "west us" -EnableAdminUser
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.containerregistry/new-azcontainerregistry>