



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

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

NAME

New-AzContainerRegistryReplication

SYNOPSIS

Creates a replication for a container registry with the specified parameters.

SYNTAX

```
New-AzContainerRegistryReplication -RegistryName <String> -ResourceGroupName <String> [-Name <String>]
[-SubscriptionId <String>] -Location <String>
[-RegionEndpointEnabled] [-Tag <Hashtable>] [-ZoneRedundancy <ZoneRedundancy>] [-DefaultProfile <PSObject>]
[-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]
```

```
New-AzContainerRegistryReplication [-Name <String>] [-SubscriptionId <String>] -Registry <IRegistry> -Location
<String> [-RegionEndpointEnabled] [-Tag <Hashtable>]
[-ZoneRedundancy <ZoneRedundancy>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
```

[-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]

DESCRIPTION

Creates a replication for a container registry with the specified parameters.

PARAMETERS

-RegistryName <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

-Name <String>

The name of the replication.

Required? false

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

-Registry <IRegistry>

The Registry Object.

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

Required? true

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

-RegionEndpointEnabled [<SwitchParameter>]

Specifies whether the replication's regional endpoint is enabled.

Requests will not be routed to a replication whose regional endpoint is disabled, however its data will continue to be synced with other replications.

Required? false

Position? named

Default value False

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

-ZoneRedundancy <ZoneRedundancy>

Whether or not zone redundancy is enabled for this container registry replication

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

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>).

INPUTS

OUTPUTS

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

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.

REGISTRY <IRegistry>: The Registry Object.

Location <String>: The location of the resource. This cannot be changed after the resource is created.

SkuName <SkuName>: The SKU name of the container registry. Required for registry creation.

[SystemDataCreatedAt <DateTime?>]: The timestamp of resource creation (UTC).

[SystemDataCreatedBy <String>]: The identity that created the resource.

[SystemDataCreatedByType <CreatedByType?>]: The type of identity that created the resource.

[SystemDataLastModifiedAt <DateTime?>]: The timestamp of resource modification (UTC).

[SystemDataLastModifiedBy <String>]: The identity that last modified the resource.

[SystemDataLastModifiedByType <LastModifiedByType?>]: The type of identity that last modified the resource.

[Tag <IResourceTags>]: The tags of the resource.

[(Any) <String>]: This indicates any property can be added to this object.

[AdminUserEnabled <Boolean?>]: The value that indicates whether the admin user is enabled.

[AnonymousPullEnabled <Boolean?>]: Enables registry-wide pull from unauthenticated clients.

[AzureAdAuthenticationAsArmPolicyStatus <AzureAdAuthenticationAsArmPolicyStatus?>]: The value that indicates whether the policy is enabled or not.

[DataEndpointEnabled <Boolean?>]: Enable a single data endpoint per region for serving data.

[EncryptionStatus <EncryptionStatus?>]: Indicates whether or not the encryption is enabled for container registry.

[ExportPolicyStatus <ExportPolicyStatus?>]: The value that indicates whether the policy is enabled or not.

[IdentityPrincipalId <String>]: The principal ID of resource identity.

[IdentityTenantId <String>]: The tenant ID of resource.

[IdentityType <ResourceIdentityType?>]: The identity type.

[IdentityUserAssignedIdentity <IIdentityPropertiesUserAssignedIdentities>]: 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}'.

[(Any) <IUserIdentityProperties>]: This indicates any property can be added to this object.

[KeyVaultPropertyIdentity <String>]: The client id of the identity which will be used to access key vault.

[KeyVaultPropertyKeyIdentifier <String>]: Key vault uri to access the encryption key.

[NetworkRuleBypassOption <NetworkRuleBypassOptions?>]: Whether to allow trusted Azure services to access a network restricted registry.

[NetworkRuleSetDefaultAction <DefaultAction?>]: The default action of allow or deny when no other rules match.

[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.

[PublicNetworkAccess <PublicNetworkAccess?>]: Whether or not public network access is allowed for the container registry.

[QuarantinePolicyStatus <PolicyStatus?>]: The value that indicates whether the policy is enabled or not.

[RetentionPolicyDay <Int32?>]: The number of days to retain an untagged manifest after which it gets purged.

[RetentionPolicyStatus <PolicyStatus?>]: The value that indicates whether the policy is enabled or not.

[SoftDeletePolicyRetentionDay <Int32?>]: The number of days after which a soft-deleted item is permanently deleted.

[SoftDeletePolicyStatus <PolicyStatus?>]: The value that indicates whether the policy is enabled or not.

[TrustPolicyStatus <PolicyStatus?>]: The value that indicates whether the policy is enabled or not.

[TrustPolicyType <TrustPolicyType?>]: The type of trust policy.

[ZoneRedundancy <ZoneRedundancy?>]: Whether or not zone redundancy is enabled for this container registry

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

```
PS C:\>New-AzContainerRegistryReplication -ResourceGroupName "MyResourceGroup" -RegistryName  
"RegistryExample" -Name replication001 -Location 'west us' -Tag
```

@{tagName='MyTag'}

RELATED LINKS

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