



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

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

NAME

New-AzContainerAppConfigurationObject

SYNOPSIS

Create an in-memory object for Configuration.

SYNTAX

```
New-AzContainerAppConfigurationObject [-ActiveRevisionsMode <String>] [-CorPolicyAllowCredentials <Boolean>]
[-CorPolicyAllowedHeader <String[]>]
[-CorPolicyAllowedMethod <String[]>] [-CorPolicyAllowedOrigin <String[]>] [-CorPolicyExposeHeader <String[]>]
[-CorPolicyMaxAge <Int32>] [-DaprAppId <String>]
[-DaprAppPort <Int32>] [-DaprAppProtocol <String>] [-DaprEnableApiLogging <Boolean>] [-DaprEnabled <Boolean>]
[-DaprHttpMaxRequestSize <Int32>]
[-DaprHttpReadBufferSize <Int32>] [-DaprLogLevel <String>] [-IngressAllowInsecure <Boolean>]
[-IngressClientCertificateMode <String>] [-IngressCustomDomain
<ICustomDomain[]>] [-IngressExposedPort <Int32>] [-IngressExternal <Boolean>] [-IngressIPSecurityRestriction
<IIPSecurityRestrictionRule[]>] [-IngressTargetPort
<Int32>] [-IngressTraffic <ITrafficWeight[]>] [-IngressTransport <String>] [-MaxInactiveRevision <Int32>] [-Registry
<IRegistryCredentials[]>] [-Secret <ISecret[]>]
```

[-ServiceType <String>] [-StickySessionAffinity <String>] [<CommonParameters>]

DESCRIPTION

Create an in-memory object for Configuration.

PARAMETERS

-ActiveRevisionsMode <String>

ActiveRevisionsMode controls how active revisions are handled for the Container app:

<list><item>Multiple: multiple revisions can be active.</item><item>Single: Only one revision can be active at a time.

Revision weights can not be used in this mode.

If no value is provided, this is the default.</item></list>.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CorPolicyAllowCredentials <Boolean>

Specifies whether the resource allows credentials.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-CorPolicyAllowedHeader <String[]>

Specifies the content for the access-control-allow-headers header.

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

-CorPolicyAllowedMethod <String[]>

Specifies the content for the access-control-allow-methods header.

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

-CorPolicyAllowedOrigin <String[]>

Specifies the content for the access-control-allow-origins header.

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

-CorPolicyExposeHeader <String[]>

Specifies the content for the access-control-expose-headers header .

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

-CorPolicyMaxAge <Int32>

Specifies the content for the access-control-max-age header.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-DaprAppId <String>

Dapr application identifier.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DaprAppPort <Int32>

Tells Dapr which port your application is listening on.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-DaprAppProtocol <String>

Tells Dapr which protocol your application is using.

Valid options are http and grpc.

Default is http.

Required? false

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

-DaprEnableApiLogging <Boolean>

Enables API logging for the Dapr sidecar.

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

-DaprEnabled <Boolean>

Boolean indicating if the Dapr side car is enabled.

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

-DaprHttpMaxRequestSize <Int32>

Increasing max size of request body http and grpc servers parameter in MB to handle uploading of big files.

Default is 4 MB.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-DaprHttpReadBufferSize <Int32>

Dapr max size of http header read buffer in KB to handle when sending multi-KB headers.

Default is 65KB.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-DaprLogLevel <String>

Sets the log level for the Dapr sidecar.

Allowed values are debug, info, warn, error.

Default is info.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IngressAllowInsecure <Boolean>

Bool indicating if HTTP connections to is allowed.

If set to false HTTP connections are automatically redirected to HTTPS connections.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-IngressClientCertificateMode <String>

Client certificate mode for mTLS authentication.

Ignore indicates server drops client certificate on forwarding.

Accept indicates server forwards client certificate but does not require a client certificate.

Require indicates server requires a client certificate.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IngressCustomDomain <ICustomDomain[]>

custom domain bindings for Container Apps' hostnames.

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IngressExposedPort <Int32>

Exposed Port in containers for TCP traffic from ingress.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-IngressExternal <Boolean>

Bool indicating if app exposes an external http endpoint.

Required? false

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

-IngressIPSecurityRestriction <IPSecurityRestrictionRule[]>

Rules to restrict incoming IP address.

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

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

-IngressTargetPort <Int32>

Target Port in containers for traffic from ingress.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-IngressTraffic <ITrafficWeight[]>

Traffic weights for app's revisions.

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

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

-IngressTransport <String>

Ingress transport protocol.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MaxInactiveRevision <Int32>

Optional.

Max inactive revisions a Container App can have.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-Registry <IRegistryCredentials[]>

Collection of private container registry credentials for containers used by the Container app.

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Secret <ISecret[]>

Collection of secrets used by a Container app.

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

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

-ServiceType <String>

Dev ContainerApp service type.

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

-StickySessionAffinity <String>

Sticky Session Affinity.

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.App.Models.Configuration

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.

INGRESSCUSTOMDOMAIN <ICustomDomain[]>: custom domain bindings for Container Apps' hostnames.

Name <String>: Hostname.

[BindingType <String>]: Custom Domain binding type.

[CertificateId <String>]: Resource Id of the Certificate to be bound to this hostname. Must exist in the Managed Environment.

INGRESSIPSECURITYRESTRICTION <IIPSecurityRestrictionRule[]>: Rules to restrict incoming IP address.

Action <String>: Allow or Deny rules to determine for incoming IP. Note: Rules can only consist of ALL Allow or ALL Deny

IPAddressRange <String>: CIDR notation to match incoming IP address

Name <String>: Name for the IP restriction rule.

[Description <String>]: Describe the IP restriction rule that is being sent to the container-app. This is an optional field.

INGRESSTRAFFIC <ITrafficWeight[]>: Traffic weights for app's revisions.

[Label <String>]: Associates a traffic label with a revision

[LatestRevision <Boolean?>]: Indicates that the traffic weight belongs to a latest stable revision

[RevisionName <String>]: Name of a revision

[Weight <Int32?>]: Traffic weight assigned to a revision

REGISTRY <IRegistryCredentials[]>: Collection of private container registry credentials for containers used by the

Container app.

[Identity <String>]: A Managed Identity to use to authenticate with Azure Container Registry. For user-assigned identities, use the full user-assigned identity

Resource ID. For system-assigned identities, use 'system'

[PasswordSecretRef <String>]: The name of the Secret that contains the registry login password

[Server <String>]: Container Registry Server

[Username <String>]: Container Registry Username

SECRET <ISecret[]>: Collection of secrets used by a Container app.

[Identity <String>]: Resource ID of a managed identity to authenticate with Azure Key Vault, or System to use a system-assigned identity.

[KeyVaultUrl <String>]: Azure Key Vault URL pointing to the secret referenced by the container app.

[Name <String>]: Secret Name.

[Value <String>]: Secret Value.

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

```
PS C:\>$customDomain = New-AzContainerAppCustomDomainObject -Name "www.my-name.com" -BindingType
"SniEnabled" -CertificateId
```

```
"/subscriptions/{subId}/resourceGroups/azps_test_group_app/providers/Microsoft.App/managedEnvironments/{manageEnv
Name}/certificates/{testcert}"
```

```
$trafficWeight = New-AzContainerAppTrafficWeightObject -Label "production" -RevisionName
"testcontainerApp0-ab1234" -Weight 100
```

```
$ipSecurityRestrictionRule = New-AzContainerAppIPSecurityRestrictionRuleObject -Action "Allow" -IPAddressRange
"192.168.1.1/32" -Name "Allow work IP A subnet"
```

```
New-AzContainerAppConfigurationObject -IngressCustomDomain $customDomain -IngressIPSecurityRestriction
$ipSecurityRestrictionRule -IngressTraffic $trafficWeight
```

```
-IngressExternal:$True -IngressTargetPort 3000 -IngressClientCertificateMode "accept" -CorPolicyAllowedOrigin
"https://a.test.com","https://b.test.com"
```

```
-CorPolicyAllowedMethod "GET","POST" -CorPolicyAllowedHeader "HEADER1","HEADER2" -CorPolicyExposedHeader
```

"HEADER3","HEADER4" -CorPolicyMaxAge 1234

-CorPolicyAllowCredentials:\$True -DaprEnabled:\$True -DaprAppPort 3000 -DaprAppProtocol "http"

-DaprHttpReadBufferSize 30 -DaprHttpMaxRequestSize 10 -DaprLogLevel

"debug" -DaprEnableApiLogging:\$True -MaxInactiveRevision 10 -ServiceType "redis" -IngressTransport "http"

RELATED LINKS

<https://learn.microsoft.com/powershell/module/Az.App/new-azcontainerappconfigurationobject>