



Windows PowerShell Get-Help on Cmdlet 'Start-AzFrontDoorCdnProfilePrepareMigration'

PS:\>Get-HELP Start-AzFrontDoorCdnProfilePrepareMigration -Full

NAME

Start-AzFrontDoorCdnProfilePrepareMigration

SYNOPSIS

Migrate the classic AFD instance to Azure Front Door(Standard/Premium) profile.

MigrationWebApplicationFirewallMapping should be associated if the front door has WAF policy.

Managed Identity should be associated if the frontdoor has Customer Certificates.

The change need to be committed after this.

SYNTAX

```
Start-AzFrontDoorCdnProfilePrepareMigration -ResourceGroupName <String> [-SubscriptionId <String>]
-ClassicResourceReferenceId <String> -ProfileName <String> -SkuName
<SkuName> [-MigrationWebApplicationFirewallMapping <IMigrationWebApplicationFirewallMapping[]>] [-IdentityType
<ManagedServiceIdentityType>]
[-IdentityUserAssignedIdentity <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]
```

DESCRIPTION

Migrate the classic AFD instance to Azure Front Door(Standard/Premium) profile.

The change need to be committed after this.

PARAMETERS

-ResourceGroupName <String>

Name of the Resource group within the Azure subscription.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

Azure Subscription ID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ClassicResourceReferenceId <String>

Resource ID of the classic front door instance.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProfileName <String>

Name of the new AFD Standard/Premium profile that need to be created.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuName <SkuName>

Name of the pricing tier.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MigrationWebApplicationFirewallMapping <IMigrationWebApplicationFirewallMapping[]>

Waf mapping for the migrated profile

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

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <ManagedServiceIdentityType>

Type of managed service identity (where both SystemAssigned and UserAssigned types are allowed).

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

-IdentityUserAssignedIdentity <Hashtable>

The set of user assigned identities associated with the resource.

The userAssignedIdentities dictionary keys will be ARM resource ids in the form:

`/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.ManagedIdentity/userAssignedIdentities/{identityName}.`

The dictionary values can be empty objects ({} in requests.

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.Cdn.Models.Api20240201.IMigrateResult

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.

MIGRATIONWEBAPPLICATIONFIREWALLMAPPING <IMigrationWebApplicationFirewallMapping[]>: Waf mapping for the migrated profile

[MigratedFromId <String>]: Resource ID.

[MigratedTold <String>]: Resource ID.

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

```
PS C:\>Start-AzFrontDoorCdnProfilePrepareMigration -ResourceGroupName rgName -ClassicResourceReferenceId  
/subscriptions/testSubId/resourcegroups/rgName/providers/Microsoft.Network/Frontdoors/name -ProfileName  
name-migrated -SkuName Standard_AzureFrontDoor
```

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

```
PS C:\>$wafMapping = New-AzFrontDoorCdnMigrationWebApplicationFirewallMappingObject -MigratedFromId  
  
/subscriptions/testSubId/resourcegroups/rgName01/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/waf  
01 -MigratedTold  
  
/subscriptions/testSubId/resourcegroups/rgName/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/newW  
AFName
```



```
        /subscriptions/testSubId/resourcegroups/rgName/providers/Microsoft.Network/Frontdoors/name -ProfileName
name-migrated -SkuName Standard_AzureFrontDoor
-MigrationWebApplicationFirewallMapping $wafMapping
```

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

```
PS C:\>$wafMapping = New-AzFrontDoorCdnMigrationWebApplicationFirewallMappingObject -MigratedFromId

/subscriptions/testSubId/resourcegroups/rgName01/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/waf
01 -MigratedTold

/subscriptions/testSubId/resourcegroups/rgName02/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/exis
tingWAFName

Start-AzFrontDoorCdnProfilePrepareMigration -ResourceGroupName rgName -ClassicResourceReferenceId

        /subscriptions/testSubId/resourcegroups/rgName/providers/Microsoft.Network/Frontdoors/name -ProfileName
name-migrated -SkuName Standard_AzureFrontDoor
-MigrationWebApplicationFirewallMapping $wafMapping
```

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

```
PS C:\>$wafMapping1 = New-AzFrontDoorCdnMigrationWebApplicationFirewallMappingObject -MigratedFromId

/subscriptions/testSubId/resourcegroups/rgName01/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/waf
01 -MigratedTold

/subscriptions/testSubId/resourcegroups/rgName01/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/waf
```

01test

```
$wafMapping2 = New-AzFrontDoorCdnMigrationWebApplicationFirewallMappingObject -MigratedFromId
```

```
/subscriptions/testSubId/resourcegroups/rgName02/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/waf
```

```
02 -MigratedToId
```

```
/subscriptions/testSubId/resourcegroups/rgName02/providers/Microsoft.Network/frontdoorwebapplicationfirewallpolicies/waf
```

02test

```
# enable Managed Identity via SystemAssigned and UserAssigned
```

```
$identityType = "SystemAssigned, UserAssigned"
```

```
# UserIdentity information
```

```
$userInfo = @{
```

```
"/subscriptions/testSubId/resourceGroups/rgName01/providers/Microsoft.ManagedIdentity/userAssignedIdentities/identity01
```

```
" = @{}
```

```
"/subscriptions/testSubId/resourceGroups/rgName02/providers/Microsoft.ManagedIdentity/userAssignedIdentities/identity02
```

```
" = @{}
```

```
}
```

```
Start-AzFrontDoorCdnProfilePrepareMigration -ResourceGroupName rgName -ClassicResourceReferenceId
```

```
    /subscriptions/testSubId/resourcegroups/rgName/providers/Microsoft.Network/Frontdoors/name -ProfileName
```

```
name-migrated -SkuName Premium_AzureFrontDoor
```

```
-MigrationWebApplicationFirewallMapping @($wafMapping1, $wafMapping2) -IdentityType $identityType
```

```
-IdentityUserAssignedIdentity $userInfo
```

```
PS C:\>Start-AzFrontDoorCdnProfilePrepareMigration -ResourceGroupName rgName -ClassicResourceReferenceId  
/subscriptions/testSubId01/resourcegroups/rgName/providers/Microsoft.Network/Frontdoors/name -ProfileName  
name-migrated -SkuName Standard_AzureFrontDoor  
-SubscriptionId testSubId01
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.cdn/start-azfrontdoorcdnprofilepreparemigration>