



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

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

NAME

New-AzFrontDoor

SYNOPSIS

Create a new Azure Front Door load balancer

SYNTAX

```

New-AzFrontDoor -BackendPool <Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPool[]>
[-BackendPoolsSetting
<Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPoolsSetting>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnabledState
{Enabled | Disabled}] -FrontendEndpoint
<Microsoft.Azure.Commands.FrontDoor.Models.PSFrontendEndpoint[]> -HealthProbeSetting
<Microsoft.Azure.Commands.FrontDoor.Models.PSHealthProbeSetting[]>
-LoadBalancingSetting <Microsoft.Azure.Commands.FrontDoor.Models.PSLoadBalancingSetting[]> -Name
<System.String> -ResourceGroupName <System.String> -RoutingRule
<Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]> [-Tag <System.Collections.Hashtable>] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

New-AzFrontDoor -BackendPool <Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPool[]> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableCertificateNameCheck] [-EnabledState {Enabled | Disabled}]
    -FrontendEndpoint <Microsoft.Azure.Commands.FrontDoor.Models.PSFrontendEndpoint[]> -HealthProbeSetting
        <Microsoft.Azure.Commands.FrontDoor.Models.PSHealthProbeSetting[]> -LoadBalancingSetting
<Microsoft.Azure.Commands.FrontDoor.Models.PSLoadBalancingSetting[]> -Name
    <System.String> -ResourceGroupName <System.String> -RoutingRule
<Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]> [-Tag <System.Collections.Hashtable>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzFrontDoor cmdlet creates a new Azure Front Door load balancer in the specified resource group under current subscription

PARAMETERS

-BackendPool <Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPool[]>

Backendpools available to routing rule.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-BackendPoolsSetting <Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPoolsSetting>

Settings for all backendPools

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

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

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DisableCertificateNameCheck <System.Management.Automation.SwitchParameter>

Whether to disable certificate name check on HTTPS requests to all backend pools. No effect on non-HTTPS requests.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-EnabledState <Microsoft.Azure.Commands.FrontDoor.Models.PSEnabledState>

EnabledState of the Front Door load balancer. Default value is Enabled

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-FrontendEndpoint <Microsoft.Azure.Commands.FrontDoor.Models.PSFrontendEndpoint[]>

Frontend endpoints available to routing rule.

Required? true

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-HealthProbeSetting <Microsoft.Azure.Commands.FrontDoor.Models.PSHealthProbeSetting[]>

Health probe settings associated with this Front Door instance.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-LoadBalancingSetting <Microsoft.Azure.Commands.FrontDoor.Models.PSLoadBalancingSetting[]>

Load balancing settings associated with this Front Door instance.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Name <System.String>

Front Door name.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name that the Front Door will be created in.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RoutingRule <Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>

Routing rules associated with this FrontDoor

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

The tags associate with the FrontDoor.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

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

None

OUTPUTS

Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor

NOTES

-- Example 1: Create a Front Door based on given parameters. --

```
New-AzFrontDoor -Name "frontDoor1" -ResourceGroupName "rg1" -RoutingRule $routingrule1 -BackendPool
$backendpool1 -FrontendEndpoint $frontendEndpoint1
-LoadBalancingSetting $loadBalancingSetting1 -HealthProbeSetting $healthProbeSetting1 -BackendPoolsSetting
$backendPoolsSetting1
```

```
FriendlyName      : frontdoor1
RoutingRules      : {routingrule1}
BackendPools      : {backendpool1}
BackendPoolsSetting : {backendPoolsSetting1}
EnforceCertificateNameCheck : {backendPoolsSetting1.EnforceCertificateNameCheck}
HealthProbeSettings : {healthProbeSetting1}
LoadBalancingSettings : {loadbalancingsetting1}
FrontendEndpoints  : {fronttendendpoint1}
EnabledState       : Enabled
ResourceState       : Enabled
ProvisioningState   : Succeeded
Cname               :
Tags                : {tag1, tag2}
Id                  : /subscriptions/{guid}/resourcegroups/rg1/providers/Microsoft.Network/frontdoors/frontdoor1
Name                : frontdoor1
Type                : Microsoft.Network/frontdoors
```

Create a Front Door based on given parameters.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.frontdoor/new-azfrontdoor>

Get-AzFrontDoor

Set-AzFrontDoor

Remove-AzFrontDoor

New-AzFrontDoorRoutingRuleObject

New-AzFrontDoorHealthProbeSettingObject

New-AzFrontDoorLoadBalancingSettingObject

New-AzFrontDoorFrontendEndpointObject

New-AzFrontDoorBackendPoolObject