



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

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

NAME

Set-AzFrontDoor

SYNOPSIS

Update a Front Door load balancer

SYNTAX

```

        Set-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>]

```

```

        Set-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[]>]
        -InputObject <Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor> [-LoadBalancingSetting
<Microsoft.Azure.Commands.FrontDoor.Models.PSLoadBalancingSetting[]>]
        [-RoutingRule <Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>] [-Tag <System.Collections.Hashtable>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

        Set-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[]>] -ResourceId
<System.String> [-RoutingRule
        <Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>] [-Tag <System.Collections.Hashtable>] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Set-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>]

```

```

Set-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[]>] [-InputObject
<Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor>] [-LoadBalancingSetting
    <Microsoft.Azure.Commands.FrontDoor.Models.PSLoadBalancingSetting[]>] [-RoutingRule
<Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>] [-Tag
    <System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-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[]>]
    -ResourceId <System.String> [-RoutingRule <Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>] [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf]
    [<CommonParameters>]

```

```

Set-AzFrontDoor [-BackendPool <Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPool[]>] [-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[]>]
    -InputObject <Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor> [-LoadBalancingSetting
<Microsoft.Azure.Commands.FrontDoor.Models.PSLoadBalancingSetting[]>]
    [-RoutingRule <Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>] [-Tag <System.Collections.Hashtable>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```

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

```
Set-AzFrontDoor [-BackendPool <Microsoft.Azure.Commands.FrontDoor.Models.PSBackendPool[]>] [-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[]>] -ResourceId
<System.String> [-RoutingRule
    <Microsoft.Azure.Commands.FrontDoor.Models.PSRoutingRule[]>] [-Tag <System.Collections.Hashtable>] [-Confirm]
[-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-AzFrontDoor cmdlet updates a Front Door load balancer. If input parameters are not provided, old parameters from the existing Front Door will be used.

PARAMETERS

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

Backendpools available to routing rule.

Required? false

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? true

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? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

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

Operational status of the Front Door load balancer.

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

-InputObject <Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor>

The Front Door object to update.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

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

Load balancing settings associated with this Front Door instance.

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

-Name <System.String>

The name of the Front Door to update.

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

-ResourceGroupName <System.String>

The resource group to which the Front Door belongs.

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

-ResourceId <System.String>

Resource Id of the Front Door to update

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

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

Routing rules associated with this FrontDoor

Required? false

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

Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor

System.String

OUTPUTS

Microsoft.Azure.Commands.FrontDoor.Models.PSFrontDoor

NOTES

Example 1: update an existing Front Door with FrontDoorName and ResourceGroupName.

Set-AzFrontDoor -Name "frontDoor1" -ResourceGroupName "resourceGroup1" -RoutingRule \$routingrule1 -BackendPool \$backendpool1 -FrontendEndpoint \$frontendEndpoint1
-LoadBalancingSetting \$loadBalancingSetting1 -HealthProbeSetting \$healthProbeSetting1 -BackendPoolSetting \$backendPoolSetting1

\$backendPoolsSetting1

```
FriendlyName      : frontdoor1
RoutingRules      : {routingrule1}
BackendPools      : {backendpool1}
BackendPoolsSetting : {backendPoolsSetting1}
EnforceCertificateNameCheck : {backendPoolsSetting1.EnforceCertificateNameCheck}
HealthProbeSettings : {healthProbeSetting1}
LoadBalancingSettings : {loadbalancingsetting1}
FrontendEndpoints : {frontendendpoint1}
EnabledState      : Enabled
ResourceState      : Enabled
ProvisioningState  : Succeeded
Cname              :
Tags               : {tag1, tag2}
Id                 : /subscriptions/{guid}/resourcegroups/{guid}/providers/Microsoft.Network/frontdoors/frontdoor1
Name               : frontdoor1
Type               : Microsoft.Network/frontdoors
```

update an existing FrontDoor.

Example 2: update an existing Front Door with PSFrontDoor object.

```
Set-AzFrontDoor -InputObject $frontDoor1 -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 : {frontendendpoint1}
EnabledState : Enabled
ResourceState : Enabled
ProvisioningState : Succeeded
Cname :
Tags : {tag1, tag2}
Id : /subscriptions/{guid}/resourcegroups/{guid}/providers/Microsoft.Network/frontdoors/frontdoor1
Name : frontdoor1
Type : Microsoft.Network/frontdoor1

update an existing FrontDoor.

--- Example 3: update an existing Front Door with ResourceId ---

```
Set-AzFrontDoor -ResourceId $resourceId -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 : {frontendendpoint1}
EnabledState : Enabled
ResourceState : Enabled
ProvisioningState : Succeeded
Cname :

Tags : {tag1, tag2}

Id : /subscriptions/{guid}/resourcegroups/{guid}/providers/Microsoft.Network/frontdoors/frontdoor1

Name : frontdoor1

Type : Microsoft.Network/frontdoor1

update an existing FrontDoor.

Example 4: update BackendPoolSetting property EnforceCertificateNameCheck of an existing Front Door with -DisableCertificateNameCheck switch parameter

```
Set-AzFrontDoor -InputObject $frontDoor1 -RoutingRule $routingrule1 -BackendPool $backendpool1 -FrontendEndpoint $frontendEndpoint1 -LoadBalancingSetting $loadBalancingSetting1 -HealthProbeSetting $healthProbeSetting1 -DisableCertificateNameCheck
```

FriendlyName : frontdoor1

RoutingRules : {routingrule1}

BackendPools : {backendpool1}

BackendPoolsSetting : {PSBackendPoolsSetting object with EnforceCertificateNameCheck is set to Disabled}

EnforceCertificateNameCheck : Disabled

HealthProbeSettings : {healthProbeSetting1}

LoadBalancingSettings : {loadbalancingsetting1}

FrontendEndpoints : {fronttendendpoint1}

EnabledState : Enabled

ResourceState : Enabled

ProvisioningState : Succeeded

Cname :

Tags : {tag1, tag2}

Id : /subscriptions/{guid}/resourcegroups/{guid}/providers/Microsoft.Network/frontdoors/frontdoor1

Name : frontdoor1

Type : Microsoft.Network/frontdoor1

update an existing FrontDoor.

RELATED LINKS

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

New-AzFrontDoor

Get-AzFrontDoor

Remove-AzFrontDoor

New-AzFrontDoorRoutingRuleObject

New-AzFrontDoorHealthProbeSettingObject

New-AzFrontDoorLoadBalancingSettingObject

New-AzFrontDoorFrontendEndpointObject

New-AzFrontDoorBackendPoolObject