



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

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

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

Set-AzApplicationGatewayWebApplicationFirewallConfiguration

SYNOPSIS

Modifies the WAF configuration of an application gateway.

SYNTAX

```

Set-AzApplicationGatewayWebApplicationFirewallConfiguration -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DisabledRuleGroup
<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFirewallDisabledRuleGroup[]>] -Enabled
<System.Boolean> [-Exclusion
<Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFirewallExclusion[]>] [-FileUploadLimitInMb
<System.Int32>] -FirewallMode {Detection | Prevention}
[-MaxRequestBodySizeInKb <System.Int32>] [-RequestBodyCheck <System.Boolean>] [-RuleSetType {LOWASP}]

```

[-RuleSetVersion <System.String>] [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The Set-AzApplicationGatewayWebApplicationFirewallConfiguration cmdlet modifies the web application firewall (WAF) configuration of an application gateway.

PARAMETERS

-ApplicationGateway <Microsoft.Azure.Commands.Network.Models.PSApplicationGateway>

Specifies an application gateway object. You can use the Get-AzApplicationGateway cmdlet to get an application gateway object.

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

-DisabledRuleGroup <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFirewallDisabledRuleGroup[]>

The disabled rule groups.

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

-Enabled <System.Boolean>

Indicates whether the web application firewall is enabled.

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

-Exclusion <Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayFirewallExclusion[]>

The exclusion lists.

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

-FileUploadLimitInMb <System.Int32>

Max file upload limit in MB.

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

-FirewallMode <System.String>

Specifies the web application firewall mode. The acceptable values for this parameter are: - Detection

- Prevention

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

-MaxRequestBodySizeInKb <System.Int32>

Max request body size in KB.

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

-RequestBodyCheck <System.Boolean>

Whether request body is checked or not.

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

-RuleSetType <System.String>

The type of the web application firewall rule set. The acceptable values for this parameter are: - OWASP

Required? false
Position? named

Default value OWASP
Accept pipeline input? False
Accept wildcard characters? false

-RuleSetVersion <System.String>

The version of the rule set type.

Required? false
Position? named
Default value 3.0
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.Network.Models.PSApplicationGateway

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

NOTES

Example 1: Update the application gateway web application firewall configuration

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"  
Set-AzApplicationGatewayWebApplicationFirewallConfiguration -ApplicationGateway $AppGw -Enabled $True  
-FirewallMode "Detection" -RuleSetType "OWASP" -RuleSetVersion  
"3.0"
```

The first command gets the application gateway named ApplicationGateway01 and then stores it in the \$AppGw variable.
The second command enables the firewall
configuration for the application gateway stored in \$AppGw and sets the firewall mode to "Detection", RuleSetType to
"OWASP" and the RuleSetVersion to "3.0".

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/set-azapplicationgatewaywebapplicationfirewallconfiguration>

Get-AzApplicationGateway

Get-AzApplicationGatewayWebApplicationFirewallConfiguration

New-AzApplicationGatewayWebApplicationFirewallConfiguration