



Windows PowerShell Get-Help on Cmdlet 'Update-AzVirtualApplianceInboundSecurityRule'

PS:\>Get-HELP Update-AzVirtualApplianceInboundSecurityRule -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

Update-AzVirtualApplianceInboundSecurityRule

SYNOPSIS

Update the Inbound Security Rule of a Network Virtual Appliance Resource

SYNTAX

```
Update-AzVirtualApplianceInboundSecurityRule [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
-Name <System.String> -ResourceGroupName <System.String> -Rule
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.Network.Models.PSInboundSecurityPropertyRules]>
-RuleType <System.String> -VirtualApplianceName
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

```

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
                                -Name                <System.String>                -Rule
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.Network.Models.PSInboundSecurityPropertyRules]>
-RuleType <System.String>
    -VirtualAppliance <Microsoft.Azure.Commands.Network.Models.PSNetworkVirtualAppliance> [-Confirm] [-WhatIf]
[<CommonParameters>]

                                Update-AzVirtualApplianceInboundSecurityRule            [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
                                -Name                <System.String>                -Rule
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.Network.Models.PSInboundSecurityPropertyRules]>
-RuleType <System.String>
    -VirtualApplianceResourceId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Update-AzVirtualApplianceInboundSecurityRule command updates/creates the Inbound Security Rule of a Network Virtual Appliance. The Inbound Security Rule creates an NSG rule on the NVA and a LB rule on the SLB attached to NVA if the rule type is defined as: Permanent

PARAMETERS

-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

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation if you want to overwrite a resource

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

-Name <System.String>

The resource name.

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

-ResourceGroupName <System.String>

The resource group name.

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

-Rule

<System.Collections.Generic.List`1[Microsoft.Azure.Commands.Network.Models.PSInboundSecurityPropertyRules]>

Individual rule of the Inbound Security

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

Accept wildcard characters? false

-RuleType <System.String>

The Inbound Security Rule Type: AutoExpire or Permanent

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualAppliance <Microsoft.Azure.Commands.Network.Models.PSNetworkVirtualAppliance>

The parent Network Virtual Appliance object for this connection.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-VirtualApplianceName <System.String>

The parent Network Virtual Appliance name.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualApplianceResourceId <System.String>

The resource id of the parent Network Virtual Appliance for this connection.

Required? true

Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Network.Models.PSNetworkVirtualAppliance

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSInboundSecurityRule

NOTES

----- Example 1 -----

```
Update-AzVirtualApplianceInboundSecurityRule -ResourceGroupName InboundRuleRg -VirtualApplianceName nva1  
-Name ruleCollection1 -RuleType Permanent -Rule $inbound
```

The above command creates or updates the Inbound Security rule with the given Rule collection name: ruleCollection1 on the NVA: nva1 with rule type permanent having rules as defined in the rules property. The Inbound Security Rule will created an NSG rule & a SLB LB rule.

----- Example 2 -----

```
Update-AzVirtualApplianceInboundSecurityRule -ResourceGroupName InboundRuleRg -VirtualApplianceName nva1  
-Name ruleCollection2 -RuleType AutoExpire -Rule $inbound
```

The above command creates or updates the Inbound Security rule with the given Rule collection name: ruleCollection2 on the NVA: nva1 with rule type Auto Expire having rules as defined in the rules property. The Inbound Security Rule will created only an NSG rule.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/update-azvirtualapplianceinboundsecurityrule>