



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

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

NAME

Set-AzApiManagementDiagnostic

SYNOPSIS

Modifies an API Management diagnostic at the Global or Api scope.

SYNTAX

Set-AzApiManagementDiagnostic [-AlwaysLog <System.String>] [-ApiId <System.String>] [-BackendSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>]

-Context

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext> [-DefaultProfile

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

<System.String> [-FrontEndSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>]

[-LoggerId <System.String>] [-PassThru] [-SamplingSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSamplingSetting>]

[-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzApiManagementDiagnostic [-AlwaysLog <System.String>] [-BackendSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>]

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FrontEndSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>]

-InputObject

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementDiagnostic> [-LoggerId

<System.String>] [-PassThru] [-SamplingSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSamplingSetting>]

[-Confirm] [-WhatIf] [<CommonParameters>]

Set-AzApiManagementDiagnostic [-AlwaysLog <System.String>] [-BackendSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>]

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FrontEndSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>]

[-LoggerId <System.String>] [-PassThru] -ResourceId

<System.String> [-SamplingSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSamplingSetting>]

[-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The cmdlet Set-AzApiManagementDiagnostic updates the diagnostics which is configured at the Global or Api Scope.

PARAMETERS

-AlwaysLog <System.String>

Specifies for what type of messages sampling settings should not apply. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Apild <System.String>

Identifier of existing API. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-BackendSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>

Diagnostic setting for incoming/outgoing Http Messages to the Backend. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Context <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext>

Instance of PsApiManagementContext. This parameter is required.

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

-DiagnosticId <System.String>

Identifier of existing Diagnostic. This parameter is required.

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

-FrontEndSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting>

Diagnostic setting for incoming/outgoing Http Messages to the Gateway. This parameter is optional.

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

-InputObject <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementDiagnosticSetting>

Instance of PsApiManagementDiagnostic. This parameter is required.

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

-LoggerId <System.String>

Identifier of the logger to push diagnostics to. This parameter is required.

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

-PassThru <System.Management.Automation.SwitchParameter>

If specified then instance of Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementDiagnostic type representing the set Diagnostic.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-ResourceId <System.String>

Arm ResourceId of Diagnostic or Api Diagnostic. This parameter is required.

Required?	true
Position?	named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SamplingSetting

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSamplingSetting>

Sampling Setting of the Diagnostic. This parameter is optional.

Required? false

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.ApiManagement.ServiceManagement.Models.PsApiManagementContext

System.String

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementDiagnostic

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSamplingSetting

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementPipelineDiagnosticSetting

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementDiagnostic

NOTES

----- Example 1: Modify a diagnostic at the Global scope -----

```
$context =New-AzApiManagementContext -ResourceGroupName Api-Default-WestUS -ServiceName contoso
```

```
$diagnostic=Get-AzApiManagementDiagnostic -Context $context -DiagnosticId "applicationinsights"
```

```
$diagnostic
```

```
DiagnosticId      : applicationinsights
```

```
AlwaysLog         : allErrors
```

```
LoggerId          : 
```

```
/subscriptions/subid/resourceGroups/Api-Default-WestUS/providers/Microsoft.ApiManagement/service/contoso/loggers/back  
endapisachinc
```

```
Sampling          : 
```

```
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSamplingSetting
```

```
Frontend          : 
```

```
Backend           : 
```

```
Id                : 
```

```
/subscriptions/subid/resourceGroups/Api-Default-WestUS/providers/Microsoft.ApiManagement/service/contoso/diagnostics/  
applicationinsights
```

```
ResourceGroupName : Api-Default-WestUS
```

```
ServiceName       : contoso
```

```
$diagnostic.Sampling
```

```
SamplingType Percentage
```

```
-----
```

```
fixed           100
```

```
$diagnostic.Sampling.Percentage = 50
```

```
$diagnostic.Sampling
```

SamplingType Percentage

fixed	50
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Set-AzApiManagementDiagnostic -InputObject \$diagnostic

This command modifies the specified diagnostic Sampling Percentage from 100 to 50%

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

```
Set-AzApiManagementDiagnostic -AlwaysLog allErrors -Apild '0001' -Context <PsApiManagementContext> -DiagnosticId  
'applicationinsights' -LoggerId 'Logger123'  
-SamplingSetting <PsApiManagementSamplingSetting>
```

RELATED LINKS

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