



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

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

NAME

Get-AzApiManagementDiagnostic

SYNOPSIS

Get details of the Diagnostic configured at the service level or the Api Level. Diagnostics are used to log requests/responses from Api Management gateway.

SYNTAX

```

Get-AzApiManagementDiagnostic [-ApiId <System.String>] -Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DiagnosticId <System.String>] [<CommonParameters>]

```

```

Get-AzApiManagementDiagnostic [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-ResourceId
<System.String>
[<CommonParameters>]

```

DESCRIPTION

The Get-AzApiManagementDiagnostic gets details of the diagnostics configured in the Api management service at a given scope.

PARAMETERS

-ApiId <System.String>

Identifier of existing API. If specified will return API-scope diagnostic. This parameters is required.

Required? false

Position? named

Default value None

Accept pipeline input? False

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. If specified will return product-scope policy. This parameters is optional.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

Arm Resource Identifier of a Diagnostic or Api Diagnostic. If specified will try to find diagnostic by the identifier. This parameter is required.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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.ApiManagement.ServiceManagement.Models.PsApiManagementContext

System.String

OUTPUTS

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

NOTES

Example 1: Get all the diagnostic configured at the tenant scope.

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

```
Get-AzApiManagementDiagnostic -Context $apimContext
```

DiagnosticId : applicationinsights

ApId :

AlwaysLog : allErrors

LoggerId : backendapisachinc

EnableHttpCorrelationHeaders : True

SamplingSetting :

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

FrontendSetting :

BackendSetting :

Id :

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

applicationinsights

ResourceGroupName : Api-Default-WestUS

ServiceName : contoso

DiagnosticId : azuremonitor

ApId :

AlwaysLog :

LoggerId : azuremonitor

EnableHttpCorrelationHeaders :

SamplingSetting :

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

FrontendSetting :

BackendSetting :

Id :

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

ResourceGroupName : Api-Default-WestUS

ServiceName : contoso

This command gets all the diagnostics configured in the Api Management service.

Example 2: Get all the diagnostics configured at the Api scope

\$apimContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName "contoso"

Get-AzApiManagementDiagnostic -Context \$apimContext -Apild "echo-api"

DiagnosticId : applicationinsights

Apild : echo-api

AlwaysLog : allErrors

LoggerId : backendapisachinc

EnableHttpCorrelationHeaders : True

SamplingSetting :

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

FrontendSetting :

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

BackendSetting :

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

Id :

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

ResourceGroupName : Api-Default-WestUS

ServiceName : contoso

This command gets all the diagnostics configured at the `echo-api` Api scope

-- Example 3: Get the API-scope diagnostic specified by an Id --

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

```
Get-AzApiManagementDiagnostic -Context $apimContext -ApiId "echo-api" -DiagnosticId "applicationinsights"
```

DiagnosticId : applicationinsights

ApiId : echo-api

AlwaysLog : allErrors

LoggerId : backendapisachinc

EnableHttpCorrelationHeaders : True

SamplingSetting :

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

FrontendSetting :

BackendSetting :

Id :

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

ResourceGroupName : Api-Default-WestUS

ServiceName : contoso

This command gets the `applicationinsights` diagnostics configured in api `echo-api`.

