



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

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

NAME

Get-AzContext

SYNOPSIS

Gets the metadata used to authenticate Azure Resource Manager requests.

SYNTAX

```
Get-AzContext [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ListAvailable  
[-RefreshContextFromTokenCache] [<CommonParameters>]  
  
Get-AzContext [[-Name] <System.String>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]  
[<CommonParameters>]
```

DESCRIPTION

The Get-AzContext cmdlet gets the current metadata used to authenticate Azure Resource Manager requests. This cmdlet gets the Active Directory account, Active

Directory tenant, Azure subscription, and the targeted Azure environment. Azure Resource Manager cmdlets use these settings by default when making Azure Resource

Manager requests. When the available amount of subscription exceeds the default limit of 25, some subscriptions may not show up in the results of ``Get-AzContext`

`-ListAvailable``. Please run ``Connect-AzAccount -MaxContextPopulation <int>`` to get more contexts.

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

`-ListAvailable <System.Management.Automation.SwitchParameter>`

List all available contexts in the current session.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-Name <System.String>`

The name of the context

Required? false

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RefreshContextFromTokenCache <System.Management.Automation.SwitchParameter>

Refresh contexts from token cache

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

None

OUTPUTS

Microsoft.Azure.Commands.Profile.Models.Core.PSAzureContext

NOTES

----- Example 1: Getting the current context -----

Connect-AzAccount

Get-AzContext

Name	Account	SubscriptionName	Environment	TenantId
Subscription1	(xxxxxxxx-xxxx-xxxx-xxx... test@outlook.com	Subscription1	AzureCloud	xxxxxxxx-x...

In this example we are logging into our account with an Azure subscription using Connect-AzAccount, and then we are getting the context of the current session by calling Get-AzContext.

----- Example 2: Listing all available contexts -----

Get-AzContext -ListAvailable

Name	Account	SubscriptionName	Environment	TenantId
Subscription1	(xxxxxxxx-xxxx-xxxx-xxx... test@outlook.com	Subscription1	AzureCloud	xxxxxxxx-x...
Subscription2	(xxxxxxxx-xxxx-xxxx-xxx... test@outlook.com	Subscription2	AzureCloud	xxxxxxxx-x...
Subscription3	(xxxxxxxx-xxxx-xxxx-xxx... test@outlook.com	Subscription3	AzureCloud	xxxxxxxx-x...

In this example, all currently available contexts are displayed. The user may select one of these contexts using Select-AzContext.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.accounts/get-azcontext>

Set-AzContext

Connect-AzAccount

