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# **PowerShell Module for Veeam Availability Orchestrator Documentation**

*Release latest*

**Jun 18, 2018**



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This the basic documentation of the 'PowerVAO' PowerShell Module.

GitHub: <https://github.com/mycloudrevolution/PowerVAO/>

WebSite: <https://mycloudrevolution.com/>

The main documentation for the module is organized into a couple sections:

- *Feature Documentation*

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external help file: Get-VaoFailoverPlan-help.xml Module Name: PowerVAO online version:  
<https://mycloudrevolution.com/> schema: 2.0.0

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## Get-VaoFailoverPlan

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### 1.1 SYNOPSIS

### 1.2 SYNTAX

```
Get-VaoFailoverPlan [[-SiteID] <String>] [<CommonParameters>]
```

### 1.3 DESCRIPTION

Get Veeam Availability Orchestrator Failover Plans

### 1.4 EXAMPLES

#### 1.4.1 EXAMPLE 1

```
Get-VaoFailoverPlan | Select-Object name, id, planState, planStateDetails, ↵  
↵ scheduleEnabled, siteId | ft -AutoSize
```

#### 1.4.2 EXAMPLE 2

```
Get-VaoFailoverPlan -SiteID 850316df-d73f-4e8b-b8bc-7b1815fb0a9e | Select-Object name, ↵  
↵ id, planState, planStateDetails, scheduleEnabled, siteId | ft -AutoSize
```

## 1.5 PARAMETERS

### 1.5.1 -SiteID

Optional Veeam Availability Orchestrator Site ID

```
Type: String
Parameter Sets: (All)
Aliases:

Required: False
Position: 1
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

### 1.5.2 CommonParameters

This cmdlet supports the common parameters: -Debug, -ErrorAction, -ErrorVariable, -InformationAction, -InformationVariable, -OutVariable, -OutBuffer, -PipelineVariable, -Verbose, -WarningAction, and -WarningVariable. For more information, see about\_CommonParameters (<http://go.microsoft.com/fwlink/?LinkID=113216>).

## 1.6 INPUTS

## 1.7 OUTPUTS

## 1.8 NOTES

File Name : Get-VaoFailoverPlan.psm1 Author : Markus Kraus Version : 1.0 State : Ready

## 1.9 RELATED LINKS

<https://mycloudrevolution.com/>

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external help file: Get-VaoSite-help.xml Module Name: PowerVAO online version: <https://mycloudrevolution.com/>  
schema: 2.0.0

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### 2.1 SYNOPSIS

### 2.2 SYNTAX

```
Get-VaoSite [[-SiteID] <String>] [<CommonParameters>]
```

### 2.3 DESCRIPTION

Get Veeam Availability Orchestrator Sites

### 2.4 EXAMPLES

#### 2.4.1 EXAMPLE 1

```
Get-VaoSite | Select-Object name, id, serverName, type | ft -AutoSize
```

#### 2.4.2 EXAMPLE 2

```
Get-VaoSite -SiteID 850316df-d73f-4e8b-b8bc-7b1815fb0a9e | Select-Object name, id, ↵  
↵serverName, type | ft -AutoSize
```

## 2.5 PARAMETERS

### 2.5.1 -SiteID

Optional Veeam Availability Orchestrator Site ID

```
Type: String
Parameter Sets: (All)
Aliases:

Required: False
Position: 1
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

### 2.5.2 CommonParameters

This cmdlet supports the common parameters: -Debug, -ErrorAction, -ErrorVariable, -InformationAction, -InformationVariable, -OutVariable, -OutBuffer, -PipelineVariable, -Verbose, -WarningAction, and -WarningVariable. For more information, see about\_CommonParameters (<http://go.microsoft.com/fwlink/?LinkID=113216>).

## 2.6 INPUTS

## 2.7 OUTPUTS

## 2.8 NOTES

File Name : Get-VaoSite.psm1 Author : Markus Kraus Version : 1.0 State : Ready

## 2.9 RELATED LINKS

<https://mycloudrevolution.com/>

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external help file: Invoke-VaoApiCall-help.xml Module Name: PowerVAO online version:  
<https://mycloudrevolution.com/> schema: 2.0.0

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## Invoke-VaoApiCall

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### 3.1 SYNOPSIS

### 3.2 SYNTAX

```
Invoke-VaoApiCall [[-Server] <String>] [[-Token] <String>] [-Uri] <String> [[-Accept]
-><String>]
[-Method] <String> [[-Body] <Object>] [<CommonParameters>]
```

### 3.3 DESCRIPTION

Helper function to call the Veeam Availability Orchestrator API.

### 3.4 EXAMPLES

#### 3.4.1 EXAMPLE 1

```
Invoke-VaoApiCall -Uri "/v1/About" -Method Get
```

### 3.5 PARAMETERS

#### 3.5.1 -Server

FQDN of the Veeam Availability Orchestrator Instance

```
Type: String
Parameter Sets: (All)
Aliases:

Required: False
Position: 1
Default value: $Global:VaoApiConnection.Server
Accept pipeline input: False
Accept wildcard characters: False
```

### 3.5.2 -Token

Bearer Token for the Veeam Availability Orchestrator Instance

```
Type: String
Parameter Sets: (All)
Aliases:

Required: False
Position: 2
Default value: $Global:VaoApiConnection.access_token
Accept pipeline input: False
Accept wildcard characters: False
```

### 3.5.3 -Uri

API Uri for the Call

```
Type: String
Parameter Sets: (All)
Aliases:

Required: True
Position: 3
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

### 3.5.4 -Accept

Accept Header for the API Call

```
Type: String
Parameter Sets: (All)
Aliases:

Required: False
Position: 4
Default value: Application/json, text/json, text/html, application/xml, text/xml
Accept pipeline input: False
Accept wildcard characters: False
```

### 3.5.5 -Method

Method of the API Call

```
Type: String
Parameter Sets: (All)
Aliases:

Required: True
Position: 5
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

### 3.5.6 -Body

Body of the API Call

```
Type: Object
Parameter Sets: (All)
Aliases:

Required: False
Position: 6
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

### 3.5.7 CommonParameters

This cmdlet supports the common parameters: -Debug, -ErrorAction, -ErrorVariable, -InformationAction, -InformationVariable, -OutVariable, -OutBuffer, -PipelineVariable, -Verbose, -WarningAction, and -WarningVariable. For more information, see about\_CommonParameters (<http://go.microsoft.com/fwlink/?LinkID=113216>).

## 3.6 INPUTS

## 3.7 OUTPUTS

## 3.8 NOTES

File Name : Invoke-VaoApiCall.psm1 Author : Markus Kraus Version : 1.0 State : Ready

## 3.9 RELATED LINKS

<https://mycloudrevolution.com/>

<https://helpcenter.veeam.com/docs/vao/restapi/overview.html?ver=10>

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external help file: New-VaoApiConnection-help.xml Module Name: PowerVAO online version:  
<https://mycloudrevolution.com/> schema: 2.0.0

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## New-VaoApiConnection

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### 4.1 SYNOPSIS

### 4.2 SYNTAX

```
New-VaoApiConnection [-Server] <String> [[-Token] <String>] [-Credential]
↳<PSCredential> [<CommonParameters>]
```

### 4.3 DESCRIPTION

Connecto to Veeam Availability Orchestrator API.

### 4.4 EXAMPLES

#### 4.4.1 EXAMPLE 1

```
$YourCredentials = Get-Credential
```

```
New-VaoApiConnection -Server "vao01.lab.local" -Credential $YourCredentials
```

### 4.5 PARAMETERS

#### 4.5.1 -Server

FQDN of the Veeam Availability Orchestrator Instance

```
Type: String
Parameter Sets: (All)
Aliases:

Required: True
Position: 1
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

## 4.5.2 -Token

Existing Token for renewal (not yet implemented)

```
Type: String
Parameter Sets: (All)
Aliases:

Required: False
Position: 2
Default value: $Global:VaoApiConnection.Token
Accept pipeline input: False
Accept wildcard characters: False
```

## 4.5.3 -Credential

Credential for the Veeam Availability Orchestrator Instance

```
Type: PSCredential
Parameter Sets: (All)
Aliases:

Required: True
Position: 3
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

## 4.5.4 CommonParameters

This cmdlet supports the common parameters: -Debug, -ErrorAction, -ErrorVariable, -InformationAction, -InformationVariable, -OutVariable, -OutBuffer, -PipelineVariable, -Verbose, -WarningAction, and -WarningVariable. For more information, see `about_CommonParameters` (<http://go.microsoft.com/fwlink/?LinkID=113216>).



## 4.6 INPUTS

## 4.7 OUTPUTS

## 4.8 NOTES

File Name : New-VaoApiConnection1.psm1 Author : Markus Kraus Version : 1.0 State : Ready

## 4.9 RELATED LINKS

<https://mycloudrevolution.com/>

<https://helpcenter.veeam.com/docs/vao/restapi/overview.html?ver=10>

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external help file: Set-VaoFailoverPlan-help.xml Module Name: PowerVAO online version:  
<https://mycloudrevolution.com/> schema: 2.0.0

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## Set-VaoFailoverPlan

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### 5.1 SYNOPSIS

### 5.2 SYNTAX

#### 5.2.1 Enable

```
Set-VaoFailoverPlan -PlanID <String> [-Enable] [<CommonParameters>]
```

#### 5.2.2 Disable

```
Set-VaoFailoverPlan -PlanID <String> [-Disable] [<CommonParameters>]
```

### 5.3 DESCRIPTION

Modify Veeam Availability Orchestrator FailoverPlan

### 5.4 EXAMPLES

#### 5.4.1 EXAMPLE 1

```
Set-VaoFailoverPlan -PlanID ed799d88-30f0-4494-b183-124e171afa91 -Enable
```

## 5.4.2 EXAMPLE 2

```
Set-VaoFailoverPlan -PlanID ed799d88-30f0-4494-b183-124e171afa91 -Disable
```

## 5.5 PARAMETERS

### 5.5.1 -PlanID

Failover Plan ID

```
Type: String
Parameter Sets: (All)
Aliases:

Required: True
Position: Named
Default value: None
Accept pipeline input: False
Accept wildcard characters: False
```

### 5.5.2 -Enable

Enable Failover Plan

```
Type: SwitchParameter
Parameter Sets: Enable
Aliases:

Required: True
Position: Named
Default value: False
Accept pipeline input: False
Accept wildcard characters: False
```

### 5.5.3 -Disable

Disable Failover Plan

```
Type: SwitchParameter
Parameter Sets: Disable
Aliases:

Required: True
Position: Named
Default value: False
Accept pipeline input: False
Accept wildcard characters: False
```

### 5.5.4 CommonParameters

This cmdlet supports the common parameters: -Debug, -ErrorAction, -ErrorVariable, -InformationAction, -InformationVariable, -OutVariable, -OutBuffer, -PipelineVariable, -Verbose, -WarningAction, and -WarningVariable. For more information, see about\_CommonParameters (<http://go.microsoft.com/fwlink/?LinkID=113216>).

## 5.6 INPUTS

## 5.7 OUTPUTS

## 5.8 NOTES

File Name : Set-VaoFailoverPlan.psm1 Author : Markus Kraus Version : 1.0 State : Ready

## 5.9 RELATED LINKS

<https://mycloudrevolution.com/>