

Cmdlet Reference for Windows Azure Pack Administration Cmdlets

Microsoft Corporation

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Applies To

Windows Azure Pack for Windows Server

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Revision History

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Add-MgmtSvcAddOn

Add-MgmtSvcAddOn

Adds a service add-on to Windows Azure Pack.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [-DisplayName] <String> [[-State] {Private | Public | Decommissioned} ] [[-MaxOccurrencesPerPlan] <Int32> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [[-AddOn] <PlanAddOn> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcAddOn** cmdlet adds a service add-on to Windows Azure Pack for Windows Server. To configure an add-on, use the **Set-MgmtSvcAddOn** cmdlet.

Parameters

-AddOn<PlanAddOn>

Specifies an add-on object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.
If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisplayName<String>

Specifies a display name for an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)

Accept Wildcard Characters?	false
-----------------------------	-------

-MaxOccurrencesPerPlan<Int32>

Specifies the maximum number of occurrences an add-on can exist for a plan.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-State<PlanState>

Specifies the state of an add-on. Valid values are:

- Private
- Public
- Decommissioned

The acceptable values for this parameter are:

Private	
Public	
Decommissioned	

Aliases	none
Required?	false
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a plan add-on

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds a public ad-on named Add-On 01.

```
PS C:\> Add-MgmtSvcAddOn -AdminUri "https://Computer01:30004" -Token $Token -DisplayName "Add-On 01" -State "Public" -MaxOccurrencesPerPlan 2
```

Related topics

[Get-MgmtSvcAddOn](#)

[Set-MgmtSvcAddOn](#)

[Sync-MgmtSvcAddOn](#)

[Remove-MgmtSvcAddOn](#)

[Add-MgmtSvcAddOnService](#)

[Remove-MgmtSvcAddOnService](#)

Add-MgmtSvcAddOnService

Add-MgmtSvcAddOnService

Adds an add-on to a service.

Syntax

Parameter Set: Default

```
Add-MgmtSvcAddOnService [-AdminUri] <Uri> [-Token] <String> [-ServiceName] <String> [-InstanceId] <String> [-AddOnId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Mgmt-SvcAddOnService** cmdlet adds an add-on to a service.

Parameters

-AddOnId<String>

Specifies the ID for an add-on.

Aliases	none
Required?	true
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-InstanceId<String>

Specifies the instance ID of a service.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ServiceName<String>

Specifies the name of a service.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add an add-on to a service

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds the add-on with the ID of 7b337b38 to the service named sqlservers.

```
PS C:\> Add-MgmtSvcAddOnService -AdminUri "https://Computer01:30004" -Token $Token -
ServiceName "sqlservers" -InstanceId "842ad14e-84e3-4344-82de-b54543b4732c" -AddOnId
"7b337b38"
```

Related topics

[Remove-MgmtSvcAddOnService](#)

[Add-MgmtSvcAddOn](#)

[Get-MgmtSvcAddOn](#)

[Add-MgmtSvcPlanAddOn](#)

Add-MgmtSvcListQuota

Add-MgmtSvcListQuota

Adds a list quota.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcListQuota [-QuotaList] <PlanQuotaUpdate> [-ServiceName] <String> [-ServiceInstanceId] <String> [ <CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcListQuota [-QuotaList] <PlanQuotaUpdate> [[-Quota] <ServiceQuota> ] [ <CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcListQuota** cmdlet adds a list quota.

Parameters

-Quota<ServiceQuota>

Specifies a service quota object.

Aliases	none
Required?	false
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-QuotaList<PlanQuotaUpdate>

Specifies a quota list object. To create a quota list object, use the **New-MgmtSvcQuotaList** cmdlet.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ServiceInstanceId<String>

Specifies the ID of a service instance.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ServiceName<String>

Specifies the name of a service.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a list quota

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

The first command gets the resource provider object named sqlservers and stores the object in the \$sqlserverRP variable.

The second command creates a quota list and stores the quota list object in the \$QuotaList variable.

The last command adds the list quota.

```
PS C:\> $sqlserverRP = Get-MgmtSvcResourceProvider -AdminUri "https://Computer01:30004" -  
Token $Token -DisableCertificateValidation -Name sqlservers  
PS C:\> $QuotaList = New-MgmtSvcQuotaList  
PS C:\> Add-MgmtSvcListQuota -QuotaList $QuotaList -ServiceName sqlservers -  
ServiceInstanceId $sqlserverRP.InstanceId
```

Related topics

[New-MgmtSvcQuotaList](#)

Add-MgmtSvcPlan

Add-MgmtSvcPlan

Adds a service plan to Windows Azure Pack.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [-DisplayName] <String> [[-State]
{Private | Public | Decommissioned} ] [[-MaxSubscriptionsPerAccount] <Int32> ] [[-
InvitationCode] <String> ] [[-Price] <String> ] [-DisableCertificateValidation] [-Confirm]
[-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [[-Plan] <Plan> ] [-
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcPlan** adds a service plan to Windows Azure Pack for Windows Server. A service plan defines the resources, capabilities, and limitations of the hosting services that are offered to a tenant according to a scope that is determined by the hosting service provider.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisplayName<String>

Specifies the display name of the plan.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InvitationCode<String>

Specifies the invitation code for the plan. This code allows tenants to subscribe to the plan.

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)

Accept Wildcard Characters?	false
-----------------------------	-------

-MaxSubscriptionsPerAccount<Int32>

Specifies the maximum subscriptions that are allowed per account for the plan.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Plan<Plan>

Specifies a plan object. To get a plan object, use the **Get-MgmtSvcPlan** cmdlet.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-Price<String>

Specifies the price for subscribing to the plan.

Aliases	none
Required?	false
Position?	7
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)

Accept Wildcard Characters?	false
-----------------------------	-------

-State<PlanState>

Specifies the state of the plan. Valid values are:

- Public. Tenants can subscribe to a plan only when it is public.
- Private. This is the initial state of a plan after it is created.
- Decommissioned. The plan is active, but will not accept any new subscriptions.

The acceptable values for this parameter are:

Private	
Public	
Decommissioned	

Aliases	none
Required?	false
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about CommonParameters](#).

Examples

Example 1: Add a service plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command creates a service plan named Service Plan 01.

```
PS C:\> Add-MgmtSvcPlan -AdminURI "https://Computer01:30004" -Token $Token -DisplayName "Service Plan 01" -State Public -MaxSubscriptionsPerAccount 15 -InvitationCode "Welcome01" -Price "300"
```

Related topics

[Get-MgmtSvcPlan](#)

[Set-MgmtSvcPlan](#)

[Sync-MgmtSvcPlan](#)

[Remove-MgmtSvcPlan](#)

Add-MgmtSvcPlanAddOn

Add-MgmtSvcPlanAddOn

Adds an add-on to a plan.

Syntax

Parameter Set: Default

```
Add-MgmtSvcPlanAddOn [-AdminUri] <Uri> [-Token] <String> [-AddOnId] <String> [-PlanId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcPlanAddOn** cmdlet adds an add-on to a plan. An add-on must be configured before you can add it to a plan.

Parameters

-AddOnId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID for a plan.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add an add-on to a Plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds the add-on with the ID of 7b337b38 to the plan with the ID of 4396660b.

```
PS C:\> Add-MgmtSvcPlanAddOn -AdminUri "https://Computer01:30004" -Token $Token -AddOnId "7b337b38" -PlanId "4396660b"
```

Related topics

[Remove-MgmtSvcPlanAddOn](#)

[Add-MgmtSvcAddOn](#)

[Get-MgmtSvcAddOn](#)

[Add-MgmtSvcAddOnService](#)

Add-MgmtSvcPlanService

Add-MgmtSvcPlanService

Adds a service to a plan.

Syntax

Parameter Set: Default

```
Add-MgmtSvcPlanService [-AdminUri] <Uri> [-Token] <String> [-ServiceName] <String> [-InstanceId] <String> [-PlanId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcPlanService** cmdlet adds a service to a plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-InstanceId<String>

Specifies the ID of the service instance.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ServiceName<String>

Specifies the name of a service.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a service to a plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds the service named sqlservers to the plan with the ID of 4396660b.

```
PS C:\> Add-MgmtSvcPlanService -AdminUri "https://Computer01:30004" -Token $Token -
ServiceName "sqlservers" -InstanceID "842ad14e-84e3-4344-82de-b54543b4732c" -PlanID
"4396660b"
```

Related topics

[Remove-MgmtSvcPlanService](#)

[Get-MgmtSvcPlan](#)

Add-MgmtSvcQuotaSetting

Add-MgmtSvcQuotaSetting

Adds a setting to a quota.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcQuotaSetting [-Quota] <ServiceQuota> [-Key] <String> [-Value] <String> [  
<CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcQuotaSetting [-Quota] <ServiceQuota> [[-Setting] <ServiceQuotaSetting> ] [  
<CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcQuotaSetting** cmdlet adds a setting to a quota object.

Parameters

-Key<String>

Specifies a key.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Quota<ServiceQuota>

Specifies a service quota object.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Setting<ServiceQuotaSetting>

Specifies a quota setting.

Aliases	none
Required?	false
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Value<String>

Specifies a value for the setting.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a quota setting

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

The first command gets the resource provider object named sqlservers and stores the object in the \$sqlserverRP variable.

The second command creates a quota list and stores the quota list object in the \$QuotaList variable.

The third command adds the list quota and stores the quota object in the \$SqlQuota variable.

The last command adds the quota setting.

```
PS C:\> $sqlserverRP = Get-MgmtSvcResourceProvider -AdminUri "https://Computer01:30004" -
Token $Token -DisableCertificateValidation -Name sqlservers
PS C:\> $QuotaList = New-MgmtSvcQuotaList
PS C:\> $SqlQuota = Add-MgmtSvcListQuota -QuotaList $QuotaList -ServiceName sqlservers -
ServiceInstanceId $sqlserverRP.InstanceId
PS C:\> Add-MgmtSvcQuotaSetting -Quota $SqlQuota -Key Editions -Value
' [{"displayName": "Default", "groupName": "Default", "resourceCount": "10", "resourceSize": "1024",
"resourceSizeLimit": "1024", "offerEditionId": "081313063701", "groupType": null}] '
```

Related topics

[Add-MgmtSvcListQuota](#)

Add-MgmtSvcResourceProvider

Add-MgmtSvcResourceProvider

Adds a resource provider to a management store database.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-
DisplayName] <String> [[-Description] <String> ] [[-Enabled] <Boolean> ] [[-
PassThroughEnabled] <Boolean> ] [[-AllowAnonymousAccess] <Boolean> ] [[-
AllowMultipleInstances] <Boolean> ] [[-AdminForwardingAddress] <Uri> ] [[-
AdminAuthenticationMode] {None | Basic | Windows} ] [[-AdminAuthenticationUser]
<PSCredential> ] [[-TenantForwardingAddress] <Uri> ] [[-TenantAuthenticationMode] {None |
Basic | Windows} ] [[-TenantAuthenticationUsername] <String> ] [[-
TenantAuthenticationPassword] <String> ] [[-UsageForwardingAddress] <Uri> ] [[-
UsageAuthenticationMode] {None | Basic | Windows} ] [[-UsageAuthenticationUsername] <String>
] [[-UsageAuthenticationPassword] <String> ] [[-HealthCheckForwardingAddress] <Uri> ] [[-
HealthCheckAuthenticationMode] {None | Basic | Windows} ] [[-
HealthCheckAuthenticationUsername] <String> ] [[-HealthCheckAuthenticationPassword] <String>
] [[-NotificationForwardingAddress] <Uri> ] [[-NotificationAuthenticationMode] {None | Basic
| Windows} ] [[-NotificationAuthenticationUsername] <String> ] [[-
NotificationAuthenticationPassword] <String> ] [[-InstanceId] <Guid> ] [-
InstanceDisplayName] <String> [[-MaxQuotaUpdateBatchSize] <Int32> ] [[-
SubscriptionStatusPollingInterval] <TimeSpan> ] [[-Type] {Standard | UsageProvider |
CloudServiceProvider} ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [
<CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [[-ResourceProvider]
<ResourceProvider> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [
<CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcResourceProvider** cmdlet adds a resource provider entry in a management store database. You can run this cmdlet from any computer in the deployment.

Parameters

-AdminAuthenticationMode<AuthenticationMode>

Specifies the administrative authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	11
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminAuthenticationUser<PSCredential>

Specifies, as a PSCredential object, an administrative user name and password to connect to a resource provider. To get a PSCredential object, use the **Get-Credential** cmdlet.

Aliases	none
Required?	false
Position?	12
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminForwardingAddress<Uri>

Specifies an administrator forwarding address for a resource provider.

Aliases	none
Required?	false
Position?	10
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AllowAnonymousAccess<Boolean>

Indicates that anonymous access is allowed to a resource provider.

Aliases	none
Required?	false
Position?	8
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AllowMultipleInstances<Boolean>

Indicates that the cmdlet allows multiple instances of the resource provider.

Aliases	none
Required?	false
Position?	9
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Description<String>

Specifies a description for the resource provider.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false

Accept Wildcard Characters?	false
-----------------------------	-------

-DisplayName<String>

Specifies the display name of a resource provider.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Enabled<Boolean>

Enables the resource provider.

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationMode<AuthenticationMode>

Specifies the health check authentication mode for a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
------	--

Basic	
Windows	

Aliases	none
Required?	false
Position?	23
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationPassword<String>

Specifies a health check password to connect to a resource provider.

Aliases	none
Required?	false
Position?	25
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationUsername<String>

Specifies a health check user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	24
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckForwardingAddress<Uri>

Specifies the health check forwarding address for a resource provider.

Aliases	none
Required?	false
Position?	22
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InstanceDisplayName<String>

Specifies a display name for an instance of a resource provider.

Aliases	none
Required?	true
Position?	31
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InstanceId<Guid>

Specifies an ID for an instance of a resource provider.

Aliases	none
Required?	false
Position?	30
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-MaxQuotaUpdateBatchSize<Int32>

Specifies the number of subscriptions that can be updated in a single request. The default value is 5.

Aliases	none
Required?	false
Position?	32
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies the name of a resource provider.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationMode<AuthenticationMode>

Specifies the notification authentication mode for a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	27
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationPassword<String>

Specifies a notification password to connect to a resource provider.

Aliases	none
Required?	false
Position?	29
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationUsername<String>

Specifies a notification user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	28
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationForwardingAddress<Uri>

Specifies the notification forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	26
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-PassThroughEnabled<Boolean>

Indicates whether the resource provider supports API pass-through.

Aliases	none
Required?	false
Position?	7
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ResourceProvider<ResourceProvider>

Specifies a resource provider object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-SubscriptionStatusPollingInterval<TimeSpan>

Specifies the time interval at which the management service polls the resource provider for subscription status updates. The default is 10 seconds.

Format this value in the standard JASON serialized timespan of 00:00:00. For example, 10 seconds is formatted as 00:00:10.

Aliases	none
Required?	false
Position?	33
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationMode<AuthenticationMode>

Specifies the tenant authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	15
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationPassword<String>

Specifies the tenant password to connect to a resource provider.

Aliases	none
Required?	false
Position?	17
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationUsername<String>

Specifies the tenant user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	16
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantForwardingAddress<Uri>

Specifies the tenant forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	14
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Type<ResourceProviderType>

Specifies the type of the resource provider. Valid values for this parameter are:

- Standard
- UsageProvider
- CloudServiceProvider

The acceptable values for this parameter are:

Standard	
UsageProvider	
CloudServiceProvider	

Aliases	none
Required?	false
Position?	34
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationMode<AuthenticationMode>

Specifies the usage authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	19
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationPassword<String>

Specifies the usage password to connect to a resource provider.

Aliases	none
Required?	false
Position?	21
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationUsername<String>

Specifies the usage user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	20
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageForwardingAddress<Uri>

Specifies the notification forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	18
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a resource provider

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

The first command stores a user name in the \$UserName variable.

The second command stores a password in the \$Password variable.

The third command prompts the user for credentials and stores the resulting PSCredential object in the \$AdminUser variable.

The last command adds a resource provider.

```
PS C:\> $UserName = "PattiFuller"
PS C:\> $Password = "password"
PS C:\> $AdminUser = Get-Credential
PS C:\> Add-MgmtSvcResourceProvider -AdminURI "https://Computer01:30004" -Token $Token -
Name "ResourceProvider02" -DisplayName "Resource Provider 02" -AllowMultipleInstances $True
-AdminForwardingAddress "https://$env:ComputerName:30010/" -AdminAuthenticationMode "Basic"
-AdminAuthenticationUser $AdminUser -TenantForwardingAddress
"https://$Env:ComputerName:30010/subscriptions" -TenantAuthenticationMode "Basic" -
TenantAuthenticationUserName $UserName -TenantAuthenticationPassword $Password -
UsageForwardingAddress "https://$Env:ComputerName:30010/" -UsageAuthenticationMode "Basic"
-UsageAuthenticationUserName $UserName -UsageAuthenticationPassword -Password -
HealthCheckForwardingAddress "https://$Env:ComputerName:30010/" -
HealthCheckAuthenticationMode "Basic" -HealthCheckAuthenticationUserName $UserName -
HealthCheckAuthenticationPassword $Password -NotificationForwardingAddress
"https://$Env:ComputerName:30010/" -NotificationAuthenticationMode "Basic" -
NotificationAuthenticationUsername $UserName -NotificationAuthenticationPassword $Password -
InstanceDisplayName "Resource Provider 02.1" -Type "Standard"
```

Related topics

[Get-MgmtSvcResourceProvider](#)

[Set-MgmtSvcResourceProvider](#)

[Test-MgmtSvcResourceProvider](#)

[Remove-MgmtSvcResourceProvider](#)

Add-MgmtSvcSubscription

Add-MgmtSvcSubscription

Adds a subscription.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [-AccountAdminLiveEmailId] <String> [-AccountAdminLivePuid] <String> [-FriendlyName] <String> [-PlanId] <String> [[-SubscriptionId] <Guid> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [<CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [[-ProvisioningInfo] <AzureProvisioningInfo> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [<CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcSubscription** cmdlet adds a subscription.

Parameters

-AccountAdminLiveEmailId<String>

Specifies the email ID for the account administrator.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AccountAdminLivePuid<String>

Specifies the passport unique identifier (PUID) for the account administrator.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: <https://<computer>:<port>>, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false

Accept Wildcard Characters?	false
-----------------------------	-------

-FriendlyName<String>

Specifies a friendly name for the subscription.

Aliases	none
Required?	true
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ProvisioningInfo<AzureProvisioningInfo>

Specifies a Windows Azure provisioning information object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)

Accept Wildcard Characters?	false
-----------------------------	-------

-SubscriptionId<Guid>

Specifies an ID for a subscription.

Aliases	none
Required?	false
Position?	7
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the Get-MgmtSvcToken cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds a subscription named MySubscription01.

```
PS C:\> Add-MgmtSvcSubscription -AdminUri "https://Computer01:30004" -Token $Token -
AccountAdminLiveEmailId 'user@Contoso.com' -AccountAdminLivePuid 'user@Contoso.com' -PlanId
'e3a1c7e1' -FriendlyName 'MySubscription01' -DisableCertificateValidation
```

Related topics

[Get-MgmtSvcSubscription](#)

[Disable-MgmtSvcSubscription](#)

[Enable-MgmtSvcSubscription](#)

[Move-MgmtSvcSubscription](#)

[Remove-MgmtSvcSubscription](#)

Add-MgmtSvcSubscriptionAddon

Add-MgmtSvcSubscriptionAddon

Adds an add-on to a subscription.

Syntax

Parameter Set: Default

```
Add-MgmtSvcSubscriptionAddon [-AdminUri] <Uri> [-Token] <String> [-AddOnId] <String> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [  
<CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcSubscriptionAddon** cmdlet adds an ad-on to a subscription.

Parameters

-AddOnId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID, as a GUID, of a subscription.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add an add-on to a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds the add-on with the ID Examphme9edhx to the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Add-MgmtSvcSubscriptionAddon -AddOnId 'Examphme9edhx' -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3' -AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Remove-MgmtSvcSubscriptionAddon](#)

Add-MgmtSvcUser

Add-MgmtSvcUser

Creates a user in Windows Azure Pack.

Syntax

Parameter Set: ByProperties

```
Add-MgmtSvcUser [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-Email] <String> [[-State] {PendingValidation | Active | Suspended | DeletePending} ] [[-ActivationSyncState] {InSync | Syncing | OutOfSync} ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Add-MgmtSvcUser [-AdminUri] <Uri> [-Token] <String> [[-User] <User> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Add-MgmtSvcUser** cmdlet creates a user in Windows Azure Pack for Windows Server.

Parameters

-ActivationSyncState<ActivationSyncState>

Specifies the activation synchronization state. Valid values are:

- InSync
- Syncing
- OutOfSync

The acceptable values for this parameter are:

InSync	
Syncing	
OutOfSync	

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation. If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Email<String>

Specifies the email address for the user.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies a name for the user.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-State<UserState>

Specifies a state for the user. Valid values are:

- PendingValidation
- Active
- Suspended
- DeletePending

The acceptable values for this parameter are:

PendingValidation	
Active	
Suspended	

DeletePending	
---------------	--

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-User<User>

Specifies a user object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about CommonParameters](#).

Examples

Example 1: Add a user

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command adds the user named Patti Fuller.

```
PS C:\> Add-MgmtSvcUser -AdminUri "https://Computer01:30004" -Token $Token -Name "Patti Fuller" -Email "PattiFuller@Contoso.com" -State "Active" -ActivationSyncState "InSync"
```

Related topics

[Get-MgmtSvcUser](#)

[Set-MgmtSvcUser](#)

[Remove-MgmtSvcUser](#)

[Get-MgmtSvcUserSetting](#)

[Set-MgmtSvcUserSetting](#)

Disable-MgmtSvcSubscription

Disable-MgmtSvcSubscription

Disables a subscription.

Syntax

Parameter Set: Default

```
Disable-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Disable-MgmtSvcSubscription** cmdlet disables a subscription. To enable a subscription, use the **Enable-MgmtSvcSubscription** cmdlet.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID, as a GUID, of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Disable a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command disables the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Disable-MgmtSvcSubscription -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3' -
AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Enable-MgmtSvcSubscription](#)

[Add-MgmtSvcSubscription](#)

[Get-MgmtSvcSubscription](#)

[Move-MgmtSvcSubscription](#)

[Sync-MgmtSvcSubscription](#)

[Remove-MgmtSvcSubscription](#)

Enable-MgmtSvcSubscription

Enable-MgmtSvcSubscription

Enables a subscription.

Syntax

Parameter Set: Default

```
Enable-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Enable-MgmtSvcSubscription** cmdlet enables a subscription. To disable a subscription, use the **Disable-MgmtSvcSubscription** cmdlet.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies an ID, as a GUID, of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Enable a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command enables the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Enable-MgmtSvcSubscription -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3' -
AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Disable-MgmtSvcSubscription](#)

[Add-MgmtSvcSubscription](#)

[Get-MgmtSvcSubscription](#)

[Move-MgmtSvcSubscription](#)

[Sync-MgmtSvcSubscription](#)

[Remove-MgmtSvcSubscription](#)

Get-MgmtSvcAddOn

Get-MgmtSvcAddOn

Gets service add-ons.

Syntax

Parameter Set: Default

```
Get-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [[-DisplayName] <String[]> ] [-DisableCertificateValidation] [ <CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcAddOn** cmdlet gets service add-ons. By default, all add-ons are returned. To get a specific add-on, use the *DisplayName* parameter.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisplayName<String[]>

Specifies a display name for an add-on.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Get all service add-ons

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets all add-ons.

```
PS C:\> Get-MgmtSvcAddOn -AdminUri "https://Computer01:30004" -Token $Token
```

Example 2: Get a specific add-on by display name

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets the add-on named Add-On 01.

```
PS C:\> Get-MgmtSvcAddOn -AdminUri "https://Computer01:30004" -Token $Token -DisplayName "Add-On 01"
```

Related topics

[Add-MgmtSvcAddOn](#)

[Set-MgmtSvcAddOn](#)

[Sync-MgmtSvcAddOn](#)

[Remove-MgmtSvcAddOn](#)

[Add-MgmtSvcAddOnService](#)

[Remove-MgmtSvcAddOnService](#)

Get-MgmtSvcPlan

Get-MgmtSvcPlan

Gets a service plan.

Syntax

Parameter Set: Default

```
Get-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [[-DisplayName] <String[]> ] [-  
DisableCertificateValidation] [ <CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcPlan** cmdlets gets a service plan. If you run this cmdlet without specifying a display name, all plans are returned. To get a specific plan, specify a display name.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisplayName<String[]>

Specifies the display name of a plan.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Get all service plans

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command returns all service plans.

```
PS C:\> Get-MgmtSvcPlan -AdminUri "https://Computer01:30004" -Token $Token
```

Example 2: Get a service plan by its name

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command returns the plan named Service Plan 01.

```
PS C:\> Get-MgmtSvcPlan -AdminUri "https://Computer01:30004" -Token $Token -DisplayName "Service Plan 01"
```

Related topics

[Add-MgmtSvcPlan](#)

[Set-MgmtSvcPlan](#)

[Sync-MgmtSvcPlan](#)

[Remove-MgmtSvcPlan](#)

Get-MgmtSvcPlanMetrics

Get-MgmtSvcPlanMetrics

Gets the metrics for a service plan.

Syntax

Parameter Set: Default

```
Get-MgmtSvcPlanMetrics [-AdminUri] <Uri> [-Token] <String> [-PlanId] <String> [[-StartTime] <DateTime> ] [[-EndTime] <DateTime> ] [-DisableCertificateValidation] [ <CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcPlanMetrics** cmdlet gets the metrics for a service plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-EndTime<DateTime>

Specifies the end of the date range as a DateTime object. To obtain a DateTime object, use the **Get-Date** cmdlet.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-StartTime<DateTime>

Specifies the start of the date range as a DateTime object. To obtain a DateTime object, use the **Get-Date** cmdlet.

Aliases	none
Required?	false
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about CommonParameters](#).

Examples

Example 1: Get metrics for a service plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets metrics for the plan with the ID Examphmdwwdi2.

```
PS C:\> Get-MgmtSvcPlanMetrics -PlanId 'Examphmdwwdi2' -AdminUri "https://Computer01:30004"
-Token $Token -DisableCertificateValidation
```

Related topics

[Get-MgmtSvcPlan](#)

Get-MgmtSvcResourceProvider

Get-MgmtSvcResourceProvider

Gets a resource provider from the management store database.

Syntax

Parameter Set: Default

```
Get-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [[-Name] <String[]> ] [-  
DisableCertificateValidation] [-IncludeSystemResourceProviders] [ <CommonParameters>]
```

Detailed Description

The **Get-ResourceProvider** cmdlet gets a resource provider entry from a management store database. By default, this cmdlet returns all resource providers. To get a specific resource provider, use the *Name* parameter.

You can run this cmdlet from any machine in the deployment.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-IncludeSystemResourceProviders

Indicates that the system resource providers are returned.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Name<String[]>

Specifies an array of names of resource providers. You can use wildcards.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Get all resource providers

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

```
PS C:\> Get-MgmtSvcResourceProvider -AdminUri "https://Computer01:30004" -Token $Token
```

Example 2: Get a specific resource provider by its name

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

```
PS C:\> Get-MgmtSvcResourceProvider -AdminUri https://Computer01:30004 -Token $Token -Name "ResourceProvider02"
```

Related topics

[Add-MgmtSvcResourceProvider](#)

[Set-MgmtSvcResourceProvider](#)

[Test-MgmtSvcResourceProvider](#)

[Remove-MgmtSvcResourceProvider](#)

Get-MgmtSvcSubscription

Get-MgmtSvcSubscription

Gets a subscription.

Syntax

Parameter Set: Default

```
Get-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [[-UserName] <String> ] [-Descending] [-DisableCertificateValidation] [-First <Int32> ] [-Skip <Int32> ] [  
<CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcSubscription** cmdlet gets a subscription.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Descending

Indicates that the subscriptions are returned in descending order.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-First<Int32>

Gets only the specified number of subscriptions.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Skip<Int32>

Skips the specified number of subscriptions.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UserName<String>

Specifies a user name.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Get a subscription by user name

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets the subscription for the user admin@Contoso.com.

```
PS C:\> Get-MgmtSvcSubscription -UserName 'admin@Contoso.com' -AdminUri  
"https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcSubscription](#)

[Get-MgmtSvcSubscription](#)

[Disable-MgmtSvcSubscription](#)

[Enable-MgmtSvcSubscription](#)

[Move-MgmtSvcSubscription](#)

[Sync-MgmtSvcSubscription](#)

[Remove-MgmtSvcSubscription](#)

Get-MgmtSvcSubscriptionUsage

Get-MgmtSvcSubscriptionUsage

Gets summaries of subscription usage information.

Syntax

Parameter Set: Default

```
Get-MgmtSvcSubscriptionUsage [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [ <CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcSubscriptionUsage** cmdlet gets information about subscription usage and returns summaries.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID, as a GUID, of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)

Accept Wildcard Characters?

false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Get subscription usage data for a specific subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets subscription usage data for the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Get-MgmtSvcSubscriptionUsage -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3'
-AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Get-MgmtSvcSubscription](#)

Get-MgmtSvcToken

Get-MgmtSvcToken

Creates an identity token.

Syntax

Parameter Set: Default

```
Get-MgmtSvcToken [-Type] {Adfs | Membership | MembershipAdfs | Windows | WindowsAdfs} [-AuthenticationSite] <Uri> [-ClientRealm] <Uri> [-AdfsAddress <Uri> ] [-AdfsRealm <Uri> ] [-DisableCertificateValidation] [-User <PSCredential> ] [ <CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcToken** creates an identity token. Tokens are used by several of the Windows Azure Pack for Windows Server cmdlets. You can create a token and store it in a variable for use with other cmdlets.

Parameters

-AdfsAddress<Uri>

Specifies the URI of the AD FS address.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdfsRealm<Uri>

Specifies the URI of the AD FS realm.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AuthenticationSite<Uri>

Specifies the URI of the authentication site. Use the following format: https://<computer>:<port>. For example: https://Computer01:30072.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ClientRealm<Uri>

Specifies the URI of the client realm.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Type<TokenType>

Specifies the type for the token. Valid values are:

- Windows
- WindowsAdfs
- Membership
- MembershipAdfs

The acceptable values for this parameter are:

Adfs	
Membership	
MembershipAdfs	
Windows	
WindowsAdfs	

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-User<PSCredential>

Specifies a user account and password as a PSCredential object. To create a PSCredential object, use the **Get-Credential** cmdlet.

Aliases	none
Required?	false
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, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Create an identity token

The first command prompts the user for credentials and stores the provided user name and password in the \$Credential variable.

The second command creates a Windows token for the user provided in \$Credential.

```
PS C:\> $Credential = Get-Credential
PS C:\> $Token = Get-MgmtSvcToken -Type Windows -AuthenticationSite
"https://Computer01:30072" -ClientRealm "http://azureservices/AdminSite" -User $Credential -
DisableCertificateValidation
```

Get-MgmtSvcUser

Get-MgmtSvcUser

Gets a user.

Syntax

Parameter Set: Default

```
Get-MgmtSvcUser [-AdminUri] <Uri> [-Token] <String> [[-Name] <String> ] [-Descending] [-DisableCertificateValidation] [-First <Int32> ] [-Skip <Int32> ] [ <CommonParameters>]
```

Detailed Description

The **Get-MgmtSvcUser** cmdlet gets a user. By default, all users are returned. To get a specific user, use the *Name* parameter.

To add a user, use the **Add-MgmtSvcUser** cmdlet.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Descending

Indicates that the users are returned in descending order.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-First<Int32>

Gets only the specified number of users.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies the name of a user.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Skip<Int32>

Skips the specified number of users.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Get a specific user by name

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets the user named Patti Fuller.

```
PS C:\> Get-MgmtSvcUser -AdminUri "https://Computer01:30004" -Token $Token -Name "Patti Fuller"
```

Example 2: Get only the first five users

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command gets the first five users.

```
PS C:\> Get-MgmtSvcUser -AdminUri "https://Computer01:30004" -Token $Token -First 5
```

Related topics

[Add-MgmtSvcUser](#)

[Set-MgmtSvcUser](#)

[Remove-MgmtSvcUser](#)

[Get-MgmtSvcUserSetting](#)

[Set-MgmtSvcUserSetting](#)

Move-MgmtSvcSubscription

Move-MgmtSvcSubscription

Migrates a subscription to a different plan.

Syntax

Parameter Set: Default

```
Move-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-TargetPlanId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [  
<CommonParameters>]
```

Detailed Description

The **Move-MgmtSvcSubscription** cmdlet migrates a subscription to a different plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TargetPlanId<String>

Specifies the ID of the plan to which the subscription is migrated.

Aliases	none
Required?	true
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Move a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command moves the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3 to the plan with the ID Migrahme7xxzb.

```
PS C:\> Move-MgmtSvcSubscription -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3' -  
TargetPlanId 'Migrahme7xxzb' -AdminUri "https://Computer01:30004" -Token $Token -  
DisableCertificateValidation
```

Related topics

[Add-MgmtSvcSubscription](#)

[Get-MgmtSvcSubscription](#)

[Disable-MgmtSvcSubscription](#)

[Enable-MgmtSvcSubscription](#)

[Sync-MgmtSvcSubscription](#)

[Remove-MgmtSvcSubscription](#)

New-MgmtSvcQuotaList

New-MgmtSvcQuotaList

Creates a quota list.

Syntax

```
New-MgmtSvcQuotaList [ <CommonParameters>]
```

Detailed Description

The **New-MgmtSvcQuotaList** cmdlet creates a quota list.

Parameters

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Create a quota list and update a plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command creates a quota list and uses the pipeline operator to pass the quota list object to **Update-MgmtSvcPlanQuota** which adds the quota list to the plan with the ID of 4396660b.

```
PS C:\> New-MgmtSvcQuotaList | Update-MgmtSvcPlanQuota -AdminUri "https://Computer01:30004" -Token $Token -PlanId "4396660b"
```

Example 2: Create a quota list and update an add-on

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command creates a quota list and uses the pipeline operator to pass the quota list object to **Update-MgmtSvcAddOnQuota** which adds the quota list to the add-on with the ID of 7b337b38.

```
PS C:\> New-MgmtSvcQuotaList | Update-MgmtSvcAddOnQuota -AdminUri "https://Computer01:30004"  
-Token $Token -AddOnId "7b337b38"
```

Related topics

[Update-MgmtSvcPlanQuota](#)

[Update-MgmtSvcAddOnQuota](#)

Remove-MgmtSvcAddOn

Remove-MgmtSvcAddOn

Removes an add-on from Windows Azure Pack.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [-AddOnId] <String> [-  
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcAddOn** cmdlet removes an add-on from Windows Azure Pack for Windows Server.

Parameters

-AddOnId<String>

Specifies the ID for an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove an add-on

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the add-on with the ID Examphme9edhx.

```
PS C:\> Remove-MgmtSvcAddOn -AddOnId 'Examphme9edhx' -AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcAddOn](#)

[Get-MgmtSvcAddOn](#)

[Set-MgmtSvcAddOn](#)

[Sync-MgmtSvcAddOn](#)

Remove-MgmtSvcAddOnService

Remove-MgmtSvcAddOnService

Removes an add-on from a service.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcAddOnService [-AdminUri] <Uri> [-Token] <String> [-AddOnId] <String> [-ServiceName] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [  
<CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcAddOnService** cmdlet removes an add-on from a service.

Parameters

-AddOnId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-ServiceName<String>

Specifies the name of a service.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove an add-on from a plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the add-on with the ID Examphme9edhx from the service named sqlservers.

```
PS C:\> Remove-MgmtSvcAddOnService -AddOnId 'Examphme9edhx' -ServiceName 'sqlservers' -AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcAddOnService](#)

Remove-MgmtSvcPlan

Remove-MgmtSvcPlan

Removes a service plan from Windows Azure Pack.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [-PlanId] <String> [-  
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcPlan** removes a service plan from Windows Azure Pack for Windows Server.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove a service plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the service plan with the ID of 4396660b, and prompts the user for confirmation before removing the plan.

```
PS C:\> Remove-MgmtSvcPlan -AdminUri "https://Computer01:30004" -Token $Token -PlanId "4396660b" -Confirm
```

Related topics

[Add-MgmtSvcPlan](#)

[Get-MgmtSvcPlan](#)

[Set-MgmtSvcPlan](#)
[Sync-MgmtSvcPlan](#)

Remove-MgmtSvcPlanAddOn

Remove-MgmtSvcPlanAddOn

Removes an add-on from a plan.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcPlanAddOn [-AdminUri] <Uri> [-Token] <String> [-AddOnId] <String> [-PlanId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcPlanAddOn** cmdlet removes an add-on from a plan.

Parameters

-AddOnId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove an add-on from a plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named `$Token`.

This command removes the add-on with the ID `Examphme9edhx` from the plan with the ID `Examphmdwwdi2`.

```
PS C:\> Remove-MgmtSvcPlanAddOn -AddOnId 'Examphme9edhx' -PlanId 'Examphmdwwdi2' -AdminUri  
"https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcPlanAddOn](#)

Remove-MgmtSvcPlanService

Remove-MgmtSvcPlanService

Removes a service from a plan.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcPlanService [-AdminUri] <Uri> [-Token] <String> [-ServiceName] <String> [-PlanId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcPlanService** cmdlet removes a service from a plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ServiceName<String>

Specifies the name of a service.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove a service from a plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the service named sqlservers from the plan with the ID Examphmdwwdi2.

```
PS C:\> Remove-MgmtSvcPlanService -PlanId 'Examphmdwwdi2' -ServiceName 'sqlservers' -AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcPlanService](#)

Remove-MgmtSvcResourceProvider

Remove-MgmtSvcResourceProvider

Removes a resource provider from a management store database.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-InstanceId] <Guid> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [  
<CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcResourceProvider** cmdlet removes an entry for a resource provider from the management store database.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-InstanceId<Guid>

Specifies the ID of a resource provider instance.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies the name of a resource provider.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove a resource provider

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the resource provider with the ID 0602c550-0853-48fc-bfbb-dc1f84ac08a3.

```
PS C:\> Remove-MgmtSvcResourceProvider -AdminUri "https://Computer01:30004" -Token $Token -
Name "ResourceProvider02" -InstanceId "0602c550-0853-48fc-bfbb-dc1f84ac08a3"
```

Related topics

[Add-MgmtSvcResourceProvider](#)

[Get-MgmtSvcResourceProvider](#)

[Set-MgmtSvcResourceProvider](#)

[Test-MgmtSvcResourceProvider](#)

Remove-MgmtSvcSubscription

Remove-MgmtSvcSubscription

Removes a subscription from Windows Azure Pack.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [-Force] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcSubscription** cmdlet removes a subscription from Windows Azure Pack for Windows Server.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Force

Performs the action without a confirmation message.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Remove-MgmtSvcSubscription -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3' -AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcSubscription](#)

[Get-MgmtSvcSubscription](#)

[Disable-MgmtSvcSubscription](#)

[Enable-MgmtSvcSubscription](#)

[Move-MgmtSvcSubscription](#)

[Sync-MgmtSvcSubscription](#)

Remove-MgmtSvcSubscriptionAddon

Remove-MgmtSvcSubscriptionAddon

Removes an add-on from a subscription.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcSubscriptionAddon [-AdminUri] <Uri> [-Token] <String> [-AddonId] <String> [-AddOnInstanceId] <Guid> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcSubscriptionaddon** cmdlet removes an add-on from a subscription.

Parameters

-AddonId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AddOnInstanceId<Guid>

Specifies the ID, as a GUID, of an add-on instance.

Aliases	none
---------	------

Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: https://<computer>:<port>, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.
If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID, as a GUID, of a subscription.

Aliases	none
Required?	true
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove an add-on from a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the add-on instance with the ID 09b35736-0005-498e-8064-7b1edb3ee95d from the subscription with the ID d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Remove-MgmtSvcSubscriptionAddon -AddOnId 'Examphme9edhx' -AddOnInstanceId '09b35736-0005-498e-8064-7b1edb3ee95d' -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3' -AdminUri "https://Computer01:30004" -Token $Token -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcSubscriptionAddon](#)

Remove-MgmtSvcUser

Remove-MgmtSvcUser

Removes a user from Windows Azure Pack.

Syntax

Parameter Set: Default

```
Remove-MgmtSvcUser [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-DeleteSubscriptions] [-DisableCertificateValidation] [-Force] [-Confirm] [-WhatIf] [<CommonParameters>]
```

Detailed Description

The **Remove-MgmtSvcUser** cmdlet removes a user from Windows Azure Pack for Windows Server.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DeleteSubscriptions

Indicates that subscriptions associated with the user are removed.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Force

Performs the action without a confirmation message.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Name<String>

Specifies the name of a user.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Remove a user

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command removes the user coadmin@Contoso.com from RDFS. The user still exists and in the membership database and needs to be deleted from that database to complete its removal.

```
PS C:\> Remove-MgmtSvcUser -Name 'coadmin@Contoso.com' -AdminUri "https://Computer01:30004"
-Token $Token -DeleteSubscriptions -DisableCertificateValidation
```

Related topics

[Add-MgmtSvcUser](#)

[Get-MgmtSvcUser](#)

[Set-MgmtSvcUser](#)

Set-MgmtSvcAddOn

Set-MgmtSvcAddOn

Updates a service add-on.

Syntax

Parameter Set: ByProperties

```
Set-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [-DisplayName] <String> [[-State]
{Private | Public | Decommissioned} ] [[-MaxOccurrencesPerPlan] <Int32> ] [-AddOnId]
<String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Set-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [[-AddOn] <PlanAddOn> ] [-
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Set-MgmtSvcAddOn** updates a service add-on.

Parameters

-AddOn<PlanAddOn>

Specifies an add-on object. To get an add-on object, use the **Get-MgmtSvcAddOn** cmdlet.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-AddOnId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false

Accept Wildcard Characters?	false
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-DisplayName<String>

Specifies a display name for an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-MaxOccurrencesPerPlan<Int32>

Specifies the maximum number of occurrences an add-on can exist for a plan.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-State<PlanState>

Specifies the state of an add-on. Valid values are:

- Private
- Public
- Decommissioned

The acceptable values for this parameter are:

Private	
---------	--

Public	
Decommissioned	

Aliases	none
Required?	false
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Update a service add-on

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command decommissions the add-on named Add-On 01.

```
PS C:\> Set-MgmtSvcAddOn -AdminUri "https://Computer01:30004" -Token $Token -DisplayName "Add-On 01" -AddOnId "7b337b38" -State "Decommissioned"
```

Related topics

[Get-MgmtSvcAddOn](#)

[Set-MgmtSvcAddOn](#)

[Sync-MgmtSvcAddOn](#)

[Remove-MgmtSvcAddOn](#)

[Add-MgmtSvcAddOnService](#)

[Remove-MgmtSvcAddOnService](#)

Set-MgmtSvcPlan

Set-MgmtSvcPlan

Updates the properties of a service plan.

Syntax

Parameter Set: ByProperties

```
Set-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [-DisplayName] <String> [[-State]
{Private | Public | Decommissioned} ] [[-MaxSubscriptionsPerAccount] <Int32> ] [[-
InvitationCode] <String> ] [[-Price] <String> ] [-PlanId] <String> [-
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Set-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [[-Plan] <Plan> ] [-
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Set-MgmtSvcPlan** cmdlet updates the properties of a service plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.
If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-DisplayName<String>

Specifies the display name of a plan.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InvitationCode<String>

Specifies the invitation code for the plan. This code allows tenants to subscribe to the plan.

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-MaxSubscriptionsPerAccount<Int32>

Specifies the maximum subscriptions that are allowed per account for the plan.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Plan<Plan>

Specifies a plan object. To get a plan object, use the **Get-MgmtSvcPlan** cmdlet.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	8
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Price<String>

Specifies the price for subscribing to the plan.

Aliases	none
Required?	false
Position?	7
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-State<PlanState>

Specifies the state of the plan. Valid values are:

- Public. Tenants can subscribe to a plan only when it is public.
- Private. This is the initial state of a plan after it is created.
- Decommissioned. The plan is active, but will not accept any new subscriptions.

The acceptable values for this parameter are:

Private	
Public	
Decommissioned	

Aliases	none
Required?	false
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Update a service plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command updates the state of the plan named Service Plan 01, making it public.

```
PS C:\> Set-MgmtSvcPlan -AdminUri "https://Computer01:30004" -Token $Token -DisplayName  
"Service Plan 01" -PlanId "4396660b" -State Public
```

Related topics

[Add-MgmtSvcPlan](#)

[Get-MgmtSvcPlan](#)

[Sync-MgmtSvcPlan](#)

[Remove-MgmtSvcPlan](#)

Set-MgmtSvcResourceProvider

Set-MgmtSvcResourceProvider

Updates a resource provider.

Syntax

Parameter Set: ByProperties

```
Set-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-
DisplayName] <String> [[-Description] <String> ] [[-Enabled] <Boolean> ] [[-
PassThroughEnabled] <Boolean> ] [[-AllowAnonymousAccess] <Boolean> ] [[-
AllowMultipleInstances] <Boolean> ] [[-AdminForwardingAddress] <Uri> ] [[-
AdminAuthenticationMode] {None | Basic | Windows} ] [[-AdminAuthenticationUser]
<PSCredential> ] [[-TenantForwardingAddress] <Uri> ] [[-TenantAuthenticationMode] {None |
Basic | Windows} ] [[-TenantAuthenticationUsername] <String> ] [[-
TenantAuthenticationPassword] <String> ] [[-UsageForwardingAddress] <Uri> ] [[-
UsageAuthenticationMode] {None | Basic | Windows} ] [[-UsageAuthenticationUsername] <String>
] [[-UsageAuthenticationPassword] <String> ] [[-HealthCheckForwardingAddress] <Uri> ] [[-
HealthCheckAuthenticationMode] {None | Basic | Windows} ] [[-
HealthCheckAuthenticationUsername] <String> ] [[-HealthCheckAuthenticationPassword] <String>
] [[-NotificationForwardingAddress] <Uri> ] [[-NotificationAuthenticationMode] {None | Basic
| Windows} ] [[-NotificationAuthenticationUsername] <String> ] [[-
NotificationAuthenticationPassword] <String> ] [[-InstanceId] <Guid> ] [-
InstanceDisplayName] <String> [[-MaxQuotaUpdateBatchSize] <Int32> ] [[-
SubscriptionStatusPollingInterval] <TimeSpan> ] [[-Type] {Standard | UsageProvider |
CloudServiceProvider} ] [-DisableCertificateValidation] [-Force] [-Confirm] [-WhatIf] [
<CommonParameters>]
```

Parameter Set: ByObject

```
Set-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [[-ResourceProvider]
<ResourceProvider> ] [-DisableCertificateValidation] [-Force] [-Confirm] [-WhatIf] [
<CommonParameters>]
```

Detailed Description

The **Set-MgmtSvcResourceProvider** cmdlet updates a resource provider.

Parameters

-AdminAuthenticationMode<AuthenticationMode>

Specifies the administrative authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	11
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminAuthenticationUser<PSCredential>

Specifies, as a PSCredential object, an administrative user name and password to connect to a resource provider. To get a PSCredential object, use the **Get-Credential** cmdlet.

Aliases	none
Required?	false
Position?	12
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminForwardingAddress<Uri>

Specifies an administrator forwarding address for a resource provider.

Aliases	none
Required?	false
Position?	10
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AllowAnonymousAccess<Boolean>

Indicates that anonymous access is allowed to a resource provider.

Aliases	none
Required?	false
Position?	8
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AllowMultipleInstances<Boolean>

Indicates that the cmdlet allows multiple instances of the resource provider.

Aliases	none
Required?	false
Position?	9
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Description<String>

Specifies a description for the resource provider.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false

Accept Wildcard Characters?	false
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-DisplayName<String>

Specifies the display name of a resource provider.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Enabled<Boolean>

Enables the resource provider.

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Force

Performs the action without a confirmation message.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false

Accept Wildcard Characters?	false
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-HealthCheckAuthenticationMode<AuthenticationMode>

Specifies the health check authentication mode for a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	23
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationPassword<String>

Specifies a health check password to connect to a resource provider.

Aliases	none
Required?	false
Position?	25
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationUsername<String>

Specifies a health check user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	24
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckForwardingAddress<Uri>

Specifies the health check forwarding address for a resource provider.

Aliases	none
Required?	false
Position?	22
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InstanceDisplayName<String>

Specifies a display name for an instance of a resource provider.

Aliases	none
Required?	true
Position?	31
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InstanceId<Guid>

Specifies an ID for an instance of a resource provider.

Aliases	none
Required?	false
Position?	30
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-MaxQuotaUpdateBatchSize<Int32>

Specifies the number of subscriptions that can be updated in a single request. The default value is 5.

Aliases	none
Required?	false
Position?	32
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies the name of a resource provider.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationMode<AuthenticationMode>

Specifies the notification authentication mode for a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	27
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationPassword<String>

Specifies a notification password to connect to a resource provider.

Aliases	none
Required?	false
Position?	29
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationUsername<String>

Specifies a notification user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	28
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationForwardingAddress<Uri>

Specifies the notification forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	26
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-PassThroughEnabled<Boolean>

Indicates whether the resource provider supports API pass-through.

Aliases	none
Required?	false
Position?	7
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ResourceProvider<ResourceProvider>

Specifies a resource provider object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-SubscriptionStatusPollingInterval<TimeSpan>

Specifies the time interval at which the management service polls the resource provider for subscription status updates. The default is 10 seconds.

Format this value in the standard JASON serialized timespan of 00:00:00. For example, 10 seconds is formatted as 00:00:10.

Aliases	none
Required?	false
Position?	33
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationMode<AuthenticationMode>

Specifies the tenant authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	15
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationPassword<String>

Specifies the tenant password to connect to a resource provider.

Aliases	none
Required?	false
Position?	17
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationUsername<String>

Specifies the tenant user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	16
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantForwardingAddress<Uri>

Specifies the tenant forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	14
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Type<ResourceProviderType>

Specifies the type of the resource provider. Valid values for this parameter are:

- Standard
- UsageProvider
- CloudServiceProvider

The acceptable values for this parameter are:

Standard	
UsageProvider	
CloudServiceProvider	

Aliases	none
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Required?	false
Position?	34
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationMode<AuthenticationMode>

Specifies the usage authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	19
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationPassword<String>

Specifies the usage password to connect to a resource provider.

Aliases	none
Required?	false
Position?	21

Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationUsername<String>

Specifies the usage user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	20
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageForwardingAddress<Uri>

Specifies the notification forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	18
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none

Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Enable a resource provider

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command enables the resource provider named ResourceProvider01.

```
PS C:\> Set-MgmtSvcResourceProvider -AdminUri "https://Computer01:30004" -Token $Token -Name
"ResourceProvider02" -DisplayName "Resource Provider 02" -InstanceDisplayName "Resource
Provider 02.1" -InstanceId "0602c550-0853-48fc-bfbb-dc1f84ac08a3" -Enabled $True
```

Related topics

[Add-MgmtSvcResourceProvider](#)

[Get-MgmtSvcResourceProvider](#)

[Test-MgmtSvcResourceProvider](#)

[Remove-MgmtSvcResourceProvider](#)

Set-MgmtSvcUser

Set-MgmtSvcUser

Updates the properties of a user.

Syntax

Parameter Set: ByProperties

```
Set-MgmtSvcUser [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-Email] <String> [[-State] {PendingValidation | Active | Suspended | DeletePending} ] [[-ActivationSyncState] {InSync | Syncing | OutOfSync} ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Set-MgmtSvcUser [-AdminUri] <Uri> [-Token] <String> [[-User] <User> ] [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Set-MgmtSvcUser** cmdlet updates the properties of a user. To add a user to Windows Azure Pack for Windows Server, use the **Add-MgmtSvcUser** cmdlet.

Parameters

-ActivationSyncState<ActivationSyncState>

Specifies the activation synchronization state. Valid values are:

- InSync
- Syncing
- OutOfSync

The acceptable values for this parameter are:

InSync	
Syncing	
OutOfSync	

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.
If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Email<String>

Specifies the email address for the user.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies a name for the user.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-State<UserState>

Specifies a state for the user. Valid values are:

- PendingValidation
- Active
- Suspended
- DeletePending

The acceptable values for this parameter are:

PendingValidation	
Active	
Suspended	

DeletePending	
---------------	--

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-User<User>

Specifies a user object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about CommonParameters](#).

Examples

Example 1: Suspend a user

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command changes the state of the user named Patti Fuller to Suspended.

```
PS C:\> Set-MgmtSvcUser -AdminUri "https://Computer01:30004" -Token $Token -Name "Patti Fuller" -Email "PattiFuller@Contoso.com" -State "Suspended"
```

Related topics

[Add-MgmtSvcUser](#)

[Get-MgmtSvcUser](#)

[Set-MgmtSvcUser](#)

[Remove-MgmtSvcUser](#)

[Get-MgmtSvcUserSetting](#)

[Set-MgmtSvcUserSetting](#)

Sync-MgmtSvcAddOn

Sync-MgmtSvcAddOn

Synchronizes a service add-on.

Syntax

Parameter Set: Default

```
Sync-MgmtSvcAddOn [-AdminUri] <Uri> [-Token] <String> [-AddOnId] <String> [-  
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Sync-MgmtSvcAddOn** cmdlet synchronizes a service add-on.

Parameters

-AddOnId<String>

Specifies an ID for an add-on.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Synchronize an add-on

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command synchronizes the add-on with the id of 7b337b38.

```
PS C:\> Sync-MgmtSvcAddOn -AdminUri "https://Computer01:30004" -Token $Token -AddOnId "7b337b38"
```

Related topics

[Get-MgmtSvcAddOn](#)

[Set-MgmtSvcAddOn](#)

[Sync-MgmtSvcAddOn](#)

[Remove-MgmtSvcAddOn](#)

[Add-MgmtSvcAddOnService](#)

[Remove-MgmtSvcAddOnService](#)

Sync-MgmtSvcPlan

Sync-MgmtSvcPlan

Synchronizes a service plan.

Syntax

Parameter Set: Default

```
Sync-MgmtSvcPlan [-AdminUri] <Uri> [-Token] <String> [-PlanId] <String> [-  
DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Sync-MgmtSvcPlan** synchronizes a service plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID for a plan.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Synchronize a service plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command synchronizes the service plan with the plan ID of 4396660b.

```
PS C:\> Sync-MgmtSvcPlan -AdminUri "https://Computer01:30004" -Token $Token -PlanId "4396660b"
```

Related topics

[Add-MgmtSvcPlan](#)

[Get-MgmtSvcPlan](#)

[Set-MgmtSvcPlan](#)

[Remove-MgmtSvcPlan](#)

Sync-MgmtSvcSubscription

Sync-MgmtSvcSubscription

Synchronizes a subscription.

Syntax

Parameter Set: Default

```
Sync-MgmtSvcSubscription [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Sync-MgmtSvcSubscription** cmdlet synchronizes a subscription.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Synchronize a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command synchronizes the subscription with the ID of 842ad14e-84e3-4344-82de-b54543b4732c.

```
PS C:\> Synch-MgmtSvcSubscription -AdminUri "https://Computer01:30004" -Token $Token -
SubscriptionId "842ad14e-84e3-4344-82de-b54543b4732c"
```

Related topics

[Add-MgmtSvcSubscription](#)

[Get-MgmtSvcSubscription](#)

[Disable-MgmtSvcSubscription](#)

[Enable-MgmtSvcSubscription](#)

[Move-MgmtSvcSubscription](#)

[Remove-MgmtSvcSubscription](#)

Test-MgmtSvcResourceProvider

Test-MgmtSvcResourceProvider

Tests a resource provider.

Syntax

Parameter Set: ByProperties

```
Test-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [-Name] <String> [-
DisplayName] <String> [[-Description] <String> ] [[-Enabled] <Boolean> ] [[-
PassThroughEnabled] <Boolean> ] [[-AllowAnonymousAccess] <Boolean> ] [[-
AllowMultipleInstances] <Boolean> ] [[-AdminForwardingAddress] <Uri> ] [[-
AdminAuthenticationMode] {None | Basic | Windows} ] [[-AdminAuthenticationUser]
<PSCredential> ] [[-TenantForwardingAddress] <Uri> ] [[-TenantAuthenticationMode] {None |
Basic | Windows} ] [[-TenantAuthenticationUsername] <String> ] [[-
TenantAuthenticationPassword] <String> ] [[-UsageForwardingAddress] <Uri> ] [[-
UsageAuthenticationMode] {None | Basic | Windows} ] [[-UsageAuthenticationUsername] <String>
] [[-UsageAuthenticationPassword] <String> ] [[-HealthCheckForwardingAddress] <Uri> ] [[-
HealthCheckAuthenticationMode] {None | Basic | Windows} ] [[-
HealthCheckAuthenticationUsername] <String> ] [[-HealthCheckAuthenticationPassword] <String>
] [[-NotificationForwardingAddress] <Uri> ] [[-NotificationAuthenticationMode] {None | Basic
| Windows} ] [[-NotificationAuthenticationUsername] <String> ] [[-
NotificationAuthenticationPassword] <String> ] [[-InstanceId] <Guid> ] [-
InstanceDisplayName] <String> [[-MaxQuotaUpdateBatchSize] <Int32> ] [[-
SubscriptionStatusPollingInterval] <TimeSpan> ] [[-Type] {Standard | UsageProvider |
CloudServiceProvider} ] [-TestUri] <Uri> [-DisableCertificateValidation] [-IsAdmin] [-
Confirm] [-WhatIf] [ <CommonParameters>]
```

Parameter Set: ByObject

```
Test-MgmtSvcResourceProvider [-AdminUri] <Uri> [-Token] <String> [[-ResourceProvider]
<ResourceProvider> ] [-TestUri] <Uri> [-DisableCertificateValidation] [-IsAdmin] [-Confirm]
[-WhatIf] [ <CommonParameters>]
```

Detailed Description

The **Test-MgmtSvcResourceProvider** validates a resource provider.

Parameters

-AdminAuthenticationMode<AuthenticationMode>

Specifies the administrative authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	11
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminAuthenticationUser<PSCredential>

Specifies, as a PSCredential object, an administrative user name and password to connect to a resource provider. To get a PSCredential object, use the **Get-Credential** cmdlet.

Aliases	none
Required?	false
Position?	12
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminForwardingAddress<Uri>

Specifies an administrator forwarding address for a resource provider.

Aliases	none
Required?	false
Position?	10
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AllowAnonymousAccess<Boolean>

Indicates that anonymous access is allowed to a resource provider.

Aliases	none
Required?	false
Position?	8
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AllowMultipleInstances<Boolean>

Indicates whether the cmdlet allows multiple instances of the resource provider.

Aliases	none
Required?	false
Position?	9
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Description<String>

Specifies a description for the resource provider.

Aliases	none
Required?	false
Position?	5
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false

Accept Wildcard Characters?	false
-----------------------------	-------

-DisplayName<String>

Specifies the display name of a resource provider.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Enabled<Boolean>

Enables the resource provider.

Aliases	none
Required?	false
Position?	6
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationMode<AuthenticationMode>

Specifies the health check authentication mode for a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
------	--

Basic	
Windows	

Aliases	none
Required?	false
Position?	23
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationPassword<String>

Specifies a health check password to connect to a resource provider.

Aliases	none
Required?	false
Position?	25
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckAuthenticationUsername<String>

Specifies a health check user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	24
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-HealthCheckForwardingAddress<Uri>

Specifies the health check forwarding address for a resource provider.

Aliases	none
Required?	false
Position?	22
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InstanceDisplayName<String>

Specifies a display name for an instance of a resource provider.

Aliases	none
Required?	true
Position?	31
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-InstanceId<Guid>

Specifies an ID for an instance of a resource provider.

Aliases	none
Required?	false
Position?	30
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-IsAdmin

Indicates that the testing is performed against the Admin API endpoint. If this parameter is not used, the Tenant API endpoint is tested.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-MaxQuotaUpdateBatchSize<Int32>

Specifies the number of subscriptions that can be updated in a single request. The default value is 5.

Aliases	none
Required?	false
Position?	32
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Name<String>

Specifies the name of a resource provider.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationMode<AuthenticationMode>

Specifies the notification authentication mode for a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	27
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationPassword<String>

Specifies a notification password to connect to a resource provider.

Aliases	none
Required?	false
Position?	29
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationAuthenticationUsername<String>

Specifies a notification user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	28
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-NotificationForwardingAddress<Uri>

Specifies the notification forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	26
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-PassThroughEnabled<Boolean>

Indicates whether the resource provider supports API pass-through.

Aliases	none
Required?	false
Position?	7
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-ResourceProvider<ResourceProvider>

Specifies a resource provider object.

Aliases	none
Required?	false
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-SubscriptionStatusPollingInterval<TimeSpan>

Specifies the time interval at which the management service polls the resource provider for subscription status updates. The default is 10 seconds.

Format this value in the standard JASON serialized timespan of 00:00:00. For example, 10 seconds is formatted as 00:00:10.

Aliases	none
Required?	false
Position?	33
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationMode<AuthenticationMode>

Specifies the tenant authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
Required?	false
Position?	15
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationPassword<String>

Specifies the tenant password to connect to a resource provider.

Aliases	none
Required?	false
Position?	17
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantAuthenticationUsername<String>

Specifies the tenant user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	16
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TenantForwardingAddress<Uri>

Specifies the tenant forwarding address of a resource provider.

Aliases	none
Required?	false
Position?	14
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-TestUri<Uri>

Specifies the URI used for testing.

Aliases	none
Required?	true
Position?	35
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Type<ResourceProviderType>

Specifies the type of the resource provider. Valid values for this parameter are:

- Standard
- UsageProvider
- CloudServiceProvider

The acceptable values for this parameter are:

Standard	
UsageProvider	
CloudServiceProvider	

Aliases	none
Required?	false
Position?	34
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationMode<AuthenticationMode>

Specifies the usage authentication mode of a resource provider. Valid values for this parameter are:

- None
- Basic
- Windows

The acceptable values for this parameter are:

None	
Basic	
Windows	

Aliases	none
---------	------

Required?	false
Position?	19
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationPassword<String>

Specifies the usage password to connect to a resource provider.

Aliases	none
Required?	false
Position?	21
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageAuthenticationUsername<String>

Specifies the usage user name to connect to a resource provider.

Aliases	none
Required?	false
Position?	20
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-UsageForwardingAddress<Uri>

Specifies the notification forwarding address of a resource provider.

Aliases	none
---------	------

Required?	false
Position?	18
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Test a resource provider

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

The first command prompts the user for credentials and stores the resulting PSCredential object in the \$AdminUser variable.

The second command tests the resource provider named sqlservers.

```
PS C:\> $AdminUser = Get-Credential
PS C:\> Test-MgmtSvcResourceProvider -TestUri 'https://testserver01:30010/' -Name
'sqlservers' -DisplayName 'SQL Servers' -InstanceDisplayName 'SQL Servers' -
AdminAuthenticationUser $AdminUser -AdminUri "https://Computer01:30004" -Token $Token -
DisableCertificateValidation
```

Related topics

[Add-MgmtSvcResourceProvider](#)

[Get-MgmtSvcResourceProvider](#)

[Set-MgmtSvcResourceProvider](#)

[Remove-MgmtSvcResourceProvider](#)

Update-MgmtSvcAddOnQuota

Update-MgmtSvcAddOnQuota

Adds a quota list to an add-on.

Syntax

Parameter Set: Default

```
Update-MgmtSvcAddOnQuota [-AdminUri] <Uri> [-Token] <String> [-QuotaList] <PlanQuotaUpdate> [-AddOnId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [<CommonParameters>]
```

Detailed Description

The **Update-MgmtSvcAddOnQuota** cmdlet adds a quota list to an add-on.

Parameters

-AddOnId<String>

Specifies the ID of an add-on.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-QuotaList<PlanQuotaUpdate>

Specifies a plan quota update object. To create a quota list, use the **New-MgmtSvcQuotaList** cmdlet.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a quota list to an add-on

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command creates a quota list and uses the pipeline operator to pass the quota list object to **Update-MgmtSvcAddOnQuota** which adds the quota list to the add-on with the ID of 7b337b38.

```
PS C:\> New-MgmtSvcQuotaList | Update-MgmtSvcAddOnQuota -AdminUri "https://Computer01:30004"
-Token $Token -AddOnId "7b337b38"
```

Related topics

[New-MgmtSvcQuotaList](#)

[Add-MgmtSvcListQuota](#)

[Update-MgmtSvcPlanQuota](#)

Update-MgmtSvcCoAdministrator

Update-MgmtSvcCoAdministrator

Updates the co-administrators for a subscription.

Syntax

Parameter Set: Default

```
Update-MgmtSvcCoAdministrator [-AdminUri] <Uri> [-Token] <String> [-SubscriptionId] <Guid> [-CoAdministratorName] <String[]> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [<CommonParameters>]
```

Detailed Description

The **Update-MgmtSvcCoAdministrator** cmdlet updates the co-administrators for a subscription.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where <computer> is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-CoAdministratorName<String[]>

Specifies an array of names for co-administrators.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-SubscriptionId<Guid>

Specifies the ID of a subscription.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Update the co-administrators for a subscription

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This example updates the co-administrators for the subscription with the ID of d5876082-8524-441e-b0ce-e2b582806df3.

```
PS C:\> Update-MgmtSvcCoAdministrator -SubscriptionId 'd5876082-8524-441e-b0ce-e2b582806df3'  
-CoAdministratorName 'coadmin@Contoso.com' -AdminUri "https://Computer01:30004" -Token  
$Token -DisableCertificateValidation
```

Update-MgmtSvcPlanQuota

Update-MgmtSvcPlanQuota

Adds a quota list to a plan.

Syntax

Parameter Set: Default

```
Update-MgmtSvcPlanQuota [-AdminUri] <Uri> [-Token] <String> [-QuotaList] <PlanQuotaUpdate> [-PlanId] <String> [-DisableCertificateValidation] [-Confirm] [-WhatIf] [<CommonParameters>]
```

Detailed Description

The **Update-MgmtSvcPlanQuota** cmdlet adds a quota list to a plan.

Parameters

-AdminUri<Uri>

Specifies the URI of the Windows Azure Pack administrator API. Use the following format: `https://<computer>:<port>`, where `<computer>` is the computer on which the administrator API is installed.

Aliases	none
Required?	true
Position?	1
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-DisableCertificateValidation

Disables certificate validation for the Windows Azure Pack installation.

If you specify this parameter, you can use self-signed certificates.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-PlanId<String>

Specifies the ID of a plan.

Aliases	none
Required?	true
Position?	4
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-QuotaList<PlanQuotaUpdate>

Specifies a plan quota update object. To create a quota list, use the **New-MgmtSvcQuotaList** cmdlet.

Aliases	none
Required?	true
Position?	3
Default Value	none
Accept Pipeline Input?	True (ByValue)
Accept Wildcard Characters?	false

-Token<String>

Specifies an identity token. To create a token, use the **Get-MgmtSvcToken** cmdlet.

Aliases	none
Required?	true
Position?	2
Default Value	none
Accept Pipeline Input?	True (ByPropertyName)
Accept Wildcard Characters?	false

-Confirm

Prompts you for confirmation before executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

<CommonParameters>

This cmdlet supports the common parameters: -Verbose, -Debug, -ErrorAction, -ErrorVariable, -OutBuffer, and -OutVariable. For more information, see [about_CommonParameters](#).

Examples

Example 1: Add a quota list to a plan

NOTE: This example assumes that you have created a token by using **Get-MgmtSvcToken** and have stored it in a variable named \$Token.

This command creates a quota list and uses the pipeline operator to pass the quota list object to **Update-MgmtSvcPlanQuota** which adds the quota list to the plan with the ID of 4396660b.

```
PS C:\> New-MgmtSvcQuotaList | Update-MgmtSvcPlanQuota -AdminUri "https://Computer01:30004"
-Token $Token -PlanId "4396660b"
```

Related topics

[New-MgmtSvcQuotaList](#)

[Add-MgmtSvcListQuota](#)

[Update-MgmtSvcAddOnQuota](#)

