



Windows PowerShell Get-Help on Cmdlet 'New-AzWvdScalingPlan'

PS:\>Get-HELP New-AzWvdScalingPlan -Full

NAME

New-AzWvdScalingPlan

SYNOPSIS

Create or update a scaling plan.

SYNTAX

```
New-AzWvdScalingPlan -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -TimeZone <String>
[-Description <String>] [-ExclusionTag <String>]
[-FriendlyName <String>] [-HostPoolReference <IScalingHostPoolReference[]>] [-HostPoolType <ScalingHostPoolType>]
[-IdentityType <ResourceIdentityType>] [-Kind
    <String>] [-Location <String>] [-ManagedBy <String>] [-PlanName <String>] [-PlanProduct <String>]
[-PlanPromotionCode <String>] [-PlanPublisher <String>]
[-PlanVersion <String>] [-Schedule <IScalingSchedule[]>] [-SkuCapacity <Int32>] [-SkuFamily <String>] [-SkuName
<String>] [-SkuSize <String>] [-SkuTier <SkuTier>]
[-Tag <Hashtable>] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Create or update a scaling plan.

PARAMETERS

-Name <String>

The name of the scaling plan.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TimeZone <String>

Timezone of the scaling plan.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Description <String>

Description of scaling plan.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ExclusionTag <String>

Exclusion tag for scaling plan.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-FriendlyName <String>

User friendly name of scaling plan.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HostPoolReference <IScalingHostPoolReference[]>

List of ScalingHostPoolReference definitions.

To construct, see NOTES section for HOSTPOOLREFERENCE properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HostPoolType <ScalingHostPoolType>

HostPool type for desktop.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <ResourceIdentityType>

The identity type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Kind <String>

Metadata used by portal/tooling/etc to render different UX experiences for resources of the same type; e.g.

ApiApps are a kind of Microsoft.Web/sites type.

If supported, the resource provider must validate and persist this value.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ManagedBy <String>

The fully qualified resource ID of the resource that manages this resource.

Indicates if this resource is managed by another Azure resource.

If this is present, complete mode deployment will not delete the resource if it is removed from the template since it is managed by another resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PlanName <String>

A user defined name of the 3rd Party Artifact that is being procured.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PlanProduct <String>

The 3rd Party artifact that is being procured.

E.g.

NewRelic.

Product maps to the OfferID specified for the artifact at the time of Data Market onboarding.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PlanPromotionCode <String>

A publisher provided promotion code as provisioned in Data Market for the said product/artifact.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PlanPublisher <String>

The publisher of the 3rd Party Artifact that is being bought.

E.g.

NewRelic

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PlanVersion <String>

The version of the desired product/artifact.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Schedule <IScalingSchedule[]>

List of ScalingPlanPooledSchedule definitions.

To construct, see NOTES section for SCHEDULE properties and create a hash table.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SkuCapacity <Int32>

If the SKU supports scale out/in then the capacity integer should be included.

If scale out/in is not possible for the resource this may be omitted.

Required? false
Position? named
Default value 0
Accept pipeline input? false

Accept wildcard characters? false

-SkuFamily <String>

If the service has different generations of hardware, for the same SKU, then that can be captured here.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuName <String>

The name of the SKU.

Ex - P3.

It is typically a letter+number code

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuSize <String>

The SKU size.

When the name field is the combination of tier and some other value, this would be the standalone code.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuTier <SkuTier>

This field is required to be implemented by the Resource Provider if the service has more than one tier, but is not required on a PUT.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.DesktopVirtualization.Models.Api20230905.IScalingPlan

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run `Get-Help`

`about_Hash_Tables`.

HOSTPOOLREFERENCE <IScalingHostPoolReference[]>: List of ScalingHostPoolReference definitions.

[HostPoolArmPath <String>]: Arm path of referenced hostpool.

[ScalingPlanEnabled <Boolean?>]: Is the scaling plan enabled for this hostpool.

SCHEDULE <IScalingSchedule[]>: List of ScalingPlanPooledSchedule definitions.

[DaysOfWeek <String[]>]: Set of days of the week on which this schedule is active.

[Name <String>]: Name of the ScalingPlanPooledSchedule.

[OffPeakLoadBalancingAlgorithm <SessionHostLoadBalancingAlgorithm?>]: Load balancing algorithm for off-peak period.

[OffPeakStartTimeHour <Int32?>]: The hour.

[OffPeakStartTimeMinute <Int32?>]: The minute.

[PeakLoadBalancingAlgorithm <SessionHostLoadBalancingAlgorithm?>]: Load balancing algorithm for peak period.

[PeakStartTimeHour <Int32?>]: The hour.

[PeakStartTimeMinute <Int32?>]: The minute.

[RampDownCapacityThresholdPct <Int32?>]: Capacity threshold for ramp down period.

[RampDownForceLogoffUser <Boolean?>]: Should users be logged off forcefully from hosts.

[RampDownLoadBalancingAlgorithm <SessionHostLoadBalancingAlgorithm?>]: Load balancing algorithm for ramp down period.

[RampDownMinimumHostsPct <Int32?>]: Minimum host percentage for ramp down period.

[RampDownNotificationMessage <String>]: Notification message for users during ramp down period.

[RampDownStartTimeHour <Int32?>]: The hour.

[RampDownStartTimeMinute <Int32?>]: The minute.

[RampDownStopHostsWhen <StopHostsWhen?>]: Specifies when to stop hosts during ramp down period.

[RampDownWaitTimeMinute <Int32?>]: Number of minutes to wait to stop hosts during ramp down period.

[RampUpCapacityThresholdPct <Int32?>]: Capacity threshold for ramp up period.

[RampUpLoadBalancingAlgorithm <SessionHostLoadBalancingAlgorithm?>]: Load balancing algorithm for ramp up period.

[RampUpMinimumHostsPct <Int32?>]: Minimum host percentage for ramp up period.

[RampUpStartTimeHour <Int32?>]: The hour.

[RampUpStartTimeMinute <Int32?>]: The minute.

----- EXAMPLE 1 -----

```
PS C:\>New-AzWvdScalingPlan `
```

```
-ResourceGroupName ResourceGroupName `
```

```
  -Name 'ScalingPlan1' `
```

```
  -Location 'westcentralus' `
```

```
  -Description 'Description' `
```

```
  -FriendlyName 'Friendly Name' `
```

```
  -HostPoolType 'Pooled' `
```

```
  -TimeZone 'Pacific Standard Time' `
```

```
  -Schedule @() `
```

```
  -HostPoolReference @(
```

```
    @{
```

```
      'HostPoolArmPath' =
```

```

'/subscriptions/SubscriptionId/resourceGroups/ResourceGroupName/providers/Microsoft.DesktopVirtualization/hostPools/HostPoolName';

    'ScalingPlanEnabled' = $false;
}
)

```

----- EXAMPLE 2 -----

```

PS C:\>New-AzWvdScalingPlan `

-ResourceGroupName ResourceGroupName `

-Name 'ScalingPlan1' `

-Location 'westcentralus' `

-Description 'Description' `

-FriendlyName 'Friendly Name' `

-HostPoolType 'Pooled' `

-TimeZone 'Pacific Standard Time' `

-Schedule @(

    @{

        'Name' = 'Work Week';

        'DaysOfWeek' = @('Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday');

        'RampUpStartTime' = @{

            'Hour' = 6

            'Minute' = 0

        };

        'RampUpLoadBalancingAlgorithm' = 'BreadthFirst';

        'RampUpMinimumHostsPct' = 20;

        'RampUpCapacityThresholdPct' = 20;

```

```

'PeakStartTime'          = @{
    'Hour' = 8
    'Minute' = 30
};

'PeakLoadBalancingAlgorithm' = 'DepthFirst';

'RampDownStartTime'       = @{
    'Hour' = 16
    'Minute' = 15
};

'RampDownLoadBalancingAlgorithm' = 'BreadthFirst';
'RampDownMinimumHostsPct'       = 20;
'RampDownCapacityThresholdPct' = 20;
'RampDownForceLogoffUser'      = $true;
'RampDownWaitTimeMinute'       = 30;
'RampDownNotificationMessage' = 'Log out now, please.';
'RampDownStopHostsWhen'        = 'ZeroSessions';

'OffPeakStartTime'         = @{
    'Hour' = 18
    'Minute' = 0
};

'OffPeakLoadBalancingAlgorithm' = 'DepthFirst';
}
)`
-HostPoolReference @(
    @{
        'HostPoolArmPath' =

'/subscriptions/SubscriptionId/resourceGroups/ResourceGroupName/providers/Microsoft.DesktopVirtualization/hostPools/H
ostPoolName';

        'ScalingPlanEnabled' = $false;
    }
}

```

)

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.desktopvirtualization/new-azwvdscalingplan>