

PowerShell scripts for instance update (to change storage space and(slash)or vCores)

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PowerShell scripts for instance update (to change storage space and/or vCores)

Thursday, April 5, 2018

2:47 PM

Here is PowerShell scripts for instance update (to change storage space and/or vCores)

You need to fill-in

- Administrator login
- Instance name
- Subscription ID
- Resource Group name
- storage and number of vCores to desired values

```
$properties = New-Object System.Object
```

```
$properties | Add-Member -type NoteProperty -name storageSizeInGB -Value 32 # 32 GB - 8192 GB in  
32 GB increment
```

```
$properties | Add-Member -type NoteProperty -name VCores -Value 16 # 8, 16 or 24
```

```
$properties | Add-Member -type NoteProperty -name administratorLogin -Value "<admin_login>"
```

```
$instanceName = "<instance_name>"
```

```
$sku = @{name = "GP_Gen4"; tier = "GeneralPurpose"}
```

Setup subscription specific information

```
$subId = "<subscription_id_>"
```

```
$resourceGroup = "<resource_group_name>"
```

```
Login-AzureRmAccount
```

```
Select-AzureRmSubscription -SubscriptionId $subId
```

```
echo "Try to update slo"
```

```
Set-AzureRmResource -Properties $properties -ResourceName $instanceName -ResourceType  
"Microsoft.SQL/managedInstances" -Sku $sku -ResourceGroupName $resourceGroup -Force -  
ApiVersion "2015-05-01-preview"
```

Next PowerShell is for instance creation – again, replace parameter values, but please be careful as there are much more values to provide

Setup these according to your needs

```
$properties = New-Object System.Object
```

Change initial set of properties at the beginning: subnetId, location

```
$properties | Add-Member -type NoteProperty -name subnetId -Value  
"/subscriptions/*SubscriptionId*/resourceGroups/resourcegroupname/providers/Microsoft.Network/vir  
bnetname"
```

```
$location = "westeurope"
```

```
$sku = @{ tier="GeneralPurpose"; name="GP_Gen4"} # GP_Gen5
```

Setup instance specific properties: administratorLogin, administratorLoginPassword,

```
$properties | Add-Member -type NoteProperty -name administratorLogin -Value "xyz1233"
```

```
$properties | Add-Member -type NoteProperty -name administratorLoginPassword -Value "passFor xyz1
```

```
$properties | Add-Member -type NoteProperty -name vCores -Value 8
```

```
$properties | Add-Member -type NoteProperty -name storageSizeInGB -Value 32
```

```
$properties | Add-Member -type NoteProperty -name licenseType -Value "BasePrice" # LicenseIncluded
```

```
$instanceName = "foo-bar-dropme-test-managed-instance"
```

Setup subscription specific information

```
$subId = "*Input SubscriptionId here*"
```

```
$resourceGroup = "resourcegroupname"
```

```
Login-AzureRmAccount
```

```
Select-AzureRmSubscription -SubscriptionId $subId
```

```
echo "Try to create"
```

```
New-AzureRmResource -Location $location -Sku $sku -Properties $properties -ResourceName $instance  
"Microsoft.SQL/managedInstances" -ResourceGroupName $resourceGroup -Force
```

echo "See created resource"

```
Get-AzureRmResource -ResourceType "Microsoft.SQL/managedInstances" -ResourceGroupName $resou  
$instanceName
```

echo "Drop created resource"

```
Remove-AzureRmResource -ResourceId /subscriptions/subId/resourceGroups/  
resourceGroup/providers/Microsoft.Sql/managedInstances/$instanceName -Force
```

How good have you found this content?

