**Create and Manage ARM WebApp using Powershell**

**Open PowerShell ISE in VM-**

PS C:\Users\demouser> Get-AzureAccount

OR

PS C:\Users\demouser> Login-AzureRmAccount

**Login using Active Azure Subscription Email ID and Password**

**To List Active Azure Subscription -**

PS C:\Users\demouser> Get-AzureRmSubscription

SubscriptionName : Azure Pass

SubscriptionId : 14c9dd38-cf2a-43e8-bb04-488d2426795c

TenantId : 9cc0f21f-5a21-4b9f-9774-e0ec8004feab

State : Disabled

SubscriptionName : Visual Studio Enterprise

SubscriptionId : f10f0a40-d700-484f-b176-b7eb2df935db

TenantId : 56fb267b-4e22-460c-9e71-6a1fea20804a

State : Enabled

**To Select Specific Azure Subscription to work on -**

PS C:\Users\demouser> Select-AzureRmSubscription -SubscriptionId 'f10f0a40-d700-484f-b176-b7eb2df935db'

Environment : AzureCloud

Account : suketunayak@hotmail.com

TenantId : 56fb267b-4e22-460c-9e71-6a1fea20804a

SubscriptionId : f10f0a40-d700-484f-b176-b7eb2df935db

SubscriptionName : Visual Studio Enterprise

CurrentStorageAccount :

**Create New Resource Group -**

PS C:\Users\demouser> New-AzureRmResourceGroup -Name WebAppDemoRG -Location "South Central US"

ResourceGroupName : WebAppDemoRG

Location : southcentralus

ProvisioningState : Succeeded

Tags :

ResourceId : /subscriptions/f10f0a40-d700-484f-b176-b7eb2df935db/resourceGroups/WebAppDemoRG

**Create New App Service Plan -**

PS C:\Users\demouser> New-AzureRmAppServicePlan -Name SuketuAppServicePlan -Location "South Central US" -ResourceGroupName WebAppDemoRG -Tier Standard

Sku : Microsoft.Azure.Management.WebSites.Models.SkuDescription

ServerFarmWithRichSkuName : SuketuAppServicePlan

WorkerTierName :

Status : Ready

Subscription : f10f0a40-d700-484f-b176-b7eb2df935db

AdminSiteName :

HostingEnvironmentProfile :

MaximumNumberOfWorkers : 10

GeoRegion : South Central US

PerSiteScaling : False

NumberOfSites : 0

ResourceGroup : WebAppDemoRG

Id : /subscriptions/f10f0a40-d700-484f-b176-b7eb2df935db/resourceGroups/WebAppDemoRG/providers/Microsoft.Web/serverfarms/SuketuAppServicePlan

Name : SuketuAppServicePlan

Location : South Central US

Type : Microsoft.Web/serverfarms

Tags :

**List created App Service Plan -**

PS C:\Users\demouser> Get-AzureRmAppServicePlan

Sku : Microsoft.Azure.Management.WebSites.Models.SkuDescription

ServerFarmWithRichSkuName : SuketuAppServicePlan

WorkerTierName :

Status : Ready

Subscription : f10f0a40-d700-484f-b176-b7eb2df935db

AdminSiteName :

HostingEnvironmentProfile :

MaximumNumberOfWorkers : 10

GeoRegion : South Central US

PerSiteScaling : False

NumberOfSites : 0

ResourceGroup : WebAppDemoRG

Id : /subscriptions/f10f0a40-d700-484f-b176-b7eb2df935db/resourceGroups/WebAppDemoRG/providers/Microsoft.Web/serverfarms/SuketuAppServicePlan

Name : SuketuAppServicePlan

Location : South Central US

Type : Microsoft.Web/serverfarms

Tags :

**Create New WebApp -**

PS C:\Users\demouser> New-AzureRmWebApp -Name SuketuDemoWebApp -AppServicePlan SuketuAppServicePlan -ResourceGroupName WebAppDemoRG -Location "South Central US"

SiteName : SuketuDemoWebApp

State : Running

HostNames : {suketudemowebapp.azurewebsites.net}

RepositorySiteName : SuketuDemoWebApp

UsageState : Normal

Enabled : True

EnabledHostNames : {suketudemowebapp.azurewebsites.net, suketudemowebapp.scm.azurewebsites.net}

AvailabilityState : Normal

HostNameSslStates : {suketudemowebapp.azurewebsites.net, suketudemowebapp.scm.azurewebsites.net}

ServerFarmId : /subscriptions/f10f0a40-d700-484f-b176-b7eb2df935db/resourceGroups/WebAppDemoRG/providers/Microsoft.Web/serverfarms/SuketuAppServicePlan

LastModifiedTimeUtc : 5/16/2017 9:19:45 AM

SiteConfig : Microsoft.Azure.Management.WebSites.Models.SiteConfig

TrafficManagerHostNames :

PremiumAppDeployed :

ScmSiteAlsoStopped : False

TargetSwapSlot :

HostingEnvironmentProfile :

MicroService : WebSites

GatewaySiteName :

ClientAffinityEnabled : True

ClientCertEnabled : False

HostNamesDisabled : False

OutboundIpAddresses : 104.44.128.14,104.44.128.15,104.44.128.16,104.44.128.17

ContainerSize : 0

MaxNumberOfWorkers :

CloningInfo :

ResourceGroup : WebAppDemoRG

IsDefaultContainer :

DefaultHostName : suketudemowebapp.azurewebsites.net

Id : /subscriptions/f10f0a40-d700-484f-b176-b7eb2df935db/resourceGroups/WebAppDemoRG/providers/Microsoft.Web/sites/SuketuDemoWebApp

Name : SuketuDemoWebApp

Location : South Central US

Type : Microsoft.Web/sites

Tags :

**List created New WebApp -**

PS C:\Users\demouser> Get-AzureRmWebApp

SiteName : SuketuDemoWebApp

State : Running

HostNames : {suketudemowebapp.azurewebsites.net}

RepositorySiteName : SuketuDemoWebApp

UsageState : Normal

Enabled : True

EnabledHostNames : {suketudemowebapp.azurewebsites.net, suketudemowebapp.scm.azurewebsites.net}

AvailabilityState : Normal

HostNameSslStates : {suketudemowebapp.azurewebsites.net, suketudemowebapp.scm.azurewebsites.net}

ServerFarmId : /subscriptions/f10f0a40-d700-484f-b176-b7eb2df935db/resourceGroups/WebAppDemoRG/providers/Microsoft.Web/serverfarms/SuketuAppServicePlan

LastModifiedTimeUtc : 5/16/2017 9:19:45 AM

SiteConfig :

**Download / Display Publish Profile File of WebApp -**

PS C:\Users\demouser> Get-AzureRmWebAppPublishingProfile -Name SuketuDemoWebApp -ResourceGroupName WebAppDemoRG -OutputFile .\suketupublishingprofile.txt

<publishData>

<publishProfile profileName="SuketuDemoWebApp - Web Deploy" publishMethod="MSDeploy" publishUrl="suketudemowebapp.scm.azurewebsites.net:443" msdeploySite="SuketuDemoWeb

App" userName="$SuketuDemoWebApp" userPWD="JRbedoquTJglgKpMYsfx7irjBysdJqHan75mFMzi6Lsw3iHDfgpvhpoyjQSt" destinationAppUrl="http://suketudemowebapp.azurewebsites.net" SQL

ServerDBConnectionString="" mySQLDBConnectionString="" hostingProviderForumLink="" controlPanelLink="http://windows.azure.com" webSystem="WebSites">

<databases />

</publishProfile>

<publishProfile profileName="SuketuDemoWebApp - FTP" publishMethod="FTP" publishUrl="ftp://waws-prod-sn1-003.ftp.azurewebsites.windows.net/site/wwwroot" ftpPassiveMode=

"True" userName="SuketuDemoWebApp\$SuketuDemoWebApp" userPWD="JRbedoquTJglgKpMYsfx7irjBysdJqHan75mFMzi6Lsw3iHDfgpvhpoyjQSt" destinationAppUrl="http://suketudemowebapp.azu

rewebsites.net" SQLServerDBConnectionString="" mySQLDBConnectionString="" hostingProviderForumLink="" controlPanelLink="http://windows.azure.com" webSystem="WebSites">

<databases />

</publishProfile>

</publishData>

Publish Profile File Saved in C:\Users\demouser\suketupublishingprofile.txt

**Stop Azure WebApp -**

PS C:\Users\demouser> Stop-AzureRmWebapp -Name SuketuDemoWebApp -ResourceGroupName WebAppDemoRG

**Start Azure WebApp -**

PS C:\Users\demouser> Start-AzureRmWebapp -Name SuketuDemoWebApp -ResourceGroupName WebAppDemoRG

**Restart Azure WebApp -**

PS C:\Users\demouser> Restart-AzureRmWebapp -Name SuketuDemoWebApp -ResourceGroupName WebAppDemoRG

**Delete Azure WebApp**

PS C:\Users\demouser> Remove-AzureRmWebApp -Name SuketuDemoWebApp -ResourceGroupName WebAppDemoRG