AAD Auth User Guide

Create Resource

1. Make sure you have Az module installed: https://www.powershellgallery.com/packages/Az/ (>version 1.4.0)

2. Login

Connect-AzAccount

3. Make sure you are in the right subscriptio.

Set-AzContext -Subscription "3a96ef56-xxxx-xxxx-xxxx-fb125c2b8798"

4. Create a resource with a custom subdomain

\$resource = (New-AzCognitiveServicesAccount -ResourceGroupName meng-test - Name test-cm-aad -Type "ContentModerator" -SkuName "S0" -Location "Central US EUAP" -CustomSubdomainName "cmaad")

5. Record your Endpoint

\$resource

```
ResourceGroupName : meng-test

AccountName : test-cm-aad

Id : /subscriptions/c830bb7a-83f5-45e3-81fc-3c2053e7d16f/resourceGroups/meng-test/providers/Microsoft.CognitiveServices/accounts/test-cm-aad

Location : Central US EUAP

Sku : Microsoft.Azure.Management.CognitiveServices.Models.Sku

AccountType : ContentModerator

ResourceType : Microsoft.CognitiveServices/accounts

Etag : "300e1b5-0000-3300-0000-63636f830000"

ProvisioningState : Succeeded

CustomSubDomainName : cmaad

PublicNetworkAccess : Enabled

Identity : Encrytion : UserOnnedStorage : PrivateIndpointConnections : {}

ApiProperties : Microsoft.Azure.Management.CognitiveServices.Models.AccountProperties

RestrictOutboundNetworkAccess :
```

Create AAD app

0. Create AAD Application

```
New-AzADApplication -DisplayName "cmaadtestapp"
```

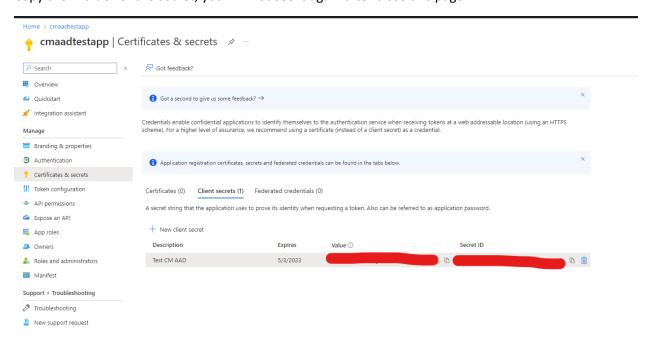
1. Create Service Principal

 Get the object Id and assign Cognitive Services User role on the resource created above \$objectId=(Get-AzADServicePrincipal -DisplayName cmaadtestapp).Id New-AzRoleAssignment -ObjectId \$objectId -scope \$resource.Id -RoleDefinitionName "Cognitive Services User"

```
PS C:\WINDONS\system22 \ SobjectId=\(Get-AzAOServicePrincipal -DisplayName cmaadtestapp\).Id
PS C:\WINDONS\system32 \ New-At80lessignment -ObjectId \ SopjectId -Soppe \ Sessorrc.1d -SobjectId \ SopjectId -Soppe \ SopjectId \ SopjectId \ SopjectId -Soppe \ SopjectId \ So
```

Validate AAD Access

Go to your AAD app in Azure Portal and create a secret
 Copy the "Value" of the secret, you will not see it again after close this page



2. Get Access Token

\$SecuredPassword = ConvertTo-SecureString '<Secret Value copied above>' -

AsPlainText -Force

\$ApplicationId = "<AAD App Id got above>"

\$TenantId = "<Your Tenant Id>"

\$Credential = New-Object -TypeName

System.Management.Automation.PSCredential (\$ApplicationId,\$SecuredPassword)

Connect-AzAccount -ServicePrincipal -Tenantld \$Tenantld -Credential \$Credential

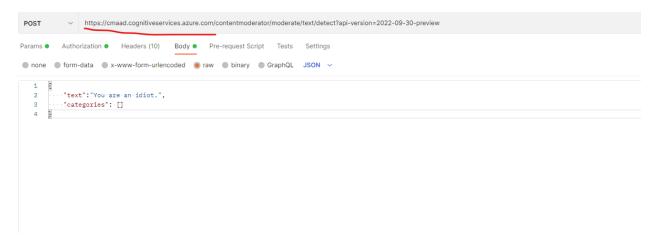
\$token= Get-AzAccessToken -ResourceUrl https://cognitiveservices.azure.com/

\$token.Token

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3. Make HTTP Request by Postman

Use your endpoint:



Choose "Bearer Token" as authorization method and fill in the token you got from last step:

