


Creating ADF using Rest API

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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Issue

Customer trying to create ADF using Rest API but faces issue with trying to get the access token while following the documented steps in this [link](#)  and the PowerShell script in the below screenshot.

Authenticate with Azure AD

Run the following commands to authenticate with Azure Active Directory (AAD):

```
PowerShell Copy

$AuthContext = [Microsoft.IdentityModel.Clients.ActiveDirectory.AuthenticationContext]"https://login.microsoftonline.com
$cred = New-Object -TypeName Microsoft.IdentityModel.Clients.ActiveDirectory.ClientCredential -ArgumentList ($appId, $cl
$result = $AuthContext.AcquireTokenAsync("https://management.core.windows.net/", $cred).GetAwaiter().GetResult()
$authHeader = @{
    'Content-Type'='application/json'
    'Accept'='application/json'
    'Authorization'=$result.CreateAuthorizationHeader()
}
```

Error

If a customer using PowerShell 7 and above:

```
Reflection.Assembly]::LoadFrom("C:\SignInReport\Tools\Microsoft.IdentityModel.Clients.ActiveDirectory\Microsoft.IdentityModel.Clients.ActiveDirectory.dll")
```

If a customer using PowerShell 5.1:

```
Unable to find type [Microsoft.IdentityModel.Clients.ActiveDirectory.AuthenticationContext].
At line:5 char:17
+ ... hContext = [Microsoft.IdentityModel.Clients.ActiveDirectory.Authentic ...
+ ~~~~~
+ CategoryInfo          : InvalidOperation: (Microsoft.IdentityModel.Clients.ActiveDirectory.AuthenticationContext:TypeName) [], RuntimeException
+ FullyQualifiedErrorId : TypeNotFound

New-Object : Cannot find type [Microsoft.IdentityModel.Clients.ActiveDirectory.ClientCredential]: verify that the assembly containing this
type is loaded.
At line:6 char:9
+ $cred = New-Object -TypeName Microsoft.IdentityModel.Clients.ActiveDi ...
+ ~~~~~
+ CategoryInfo          : InvalidType: (:) [New-Object], PSArgumentException
+ FullyQualifiedErrorId : TypeNotFound,Microsoft.PowerShell.Commands.NewObjectCommand
```