

Enabling Multi-Factor Authentication for an individual user via PowerShell

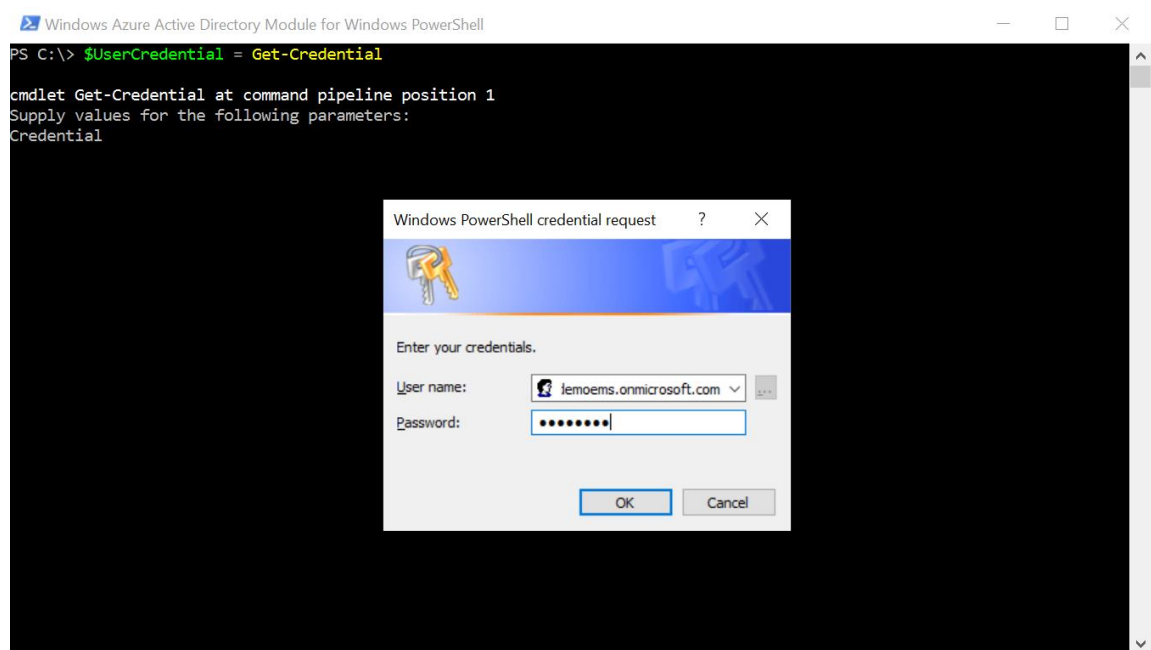
In this **example**, a user account in the end customer AAD tenant requires user to be MFA-enabled via PowerShell.

1. Open **Windows Azure Active Directory Module for Windows PowerShell**.

2. Enter the following command.

```
$UserCredential = Get-Credential
```

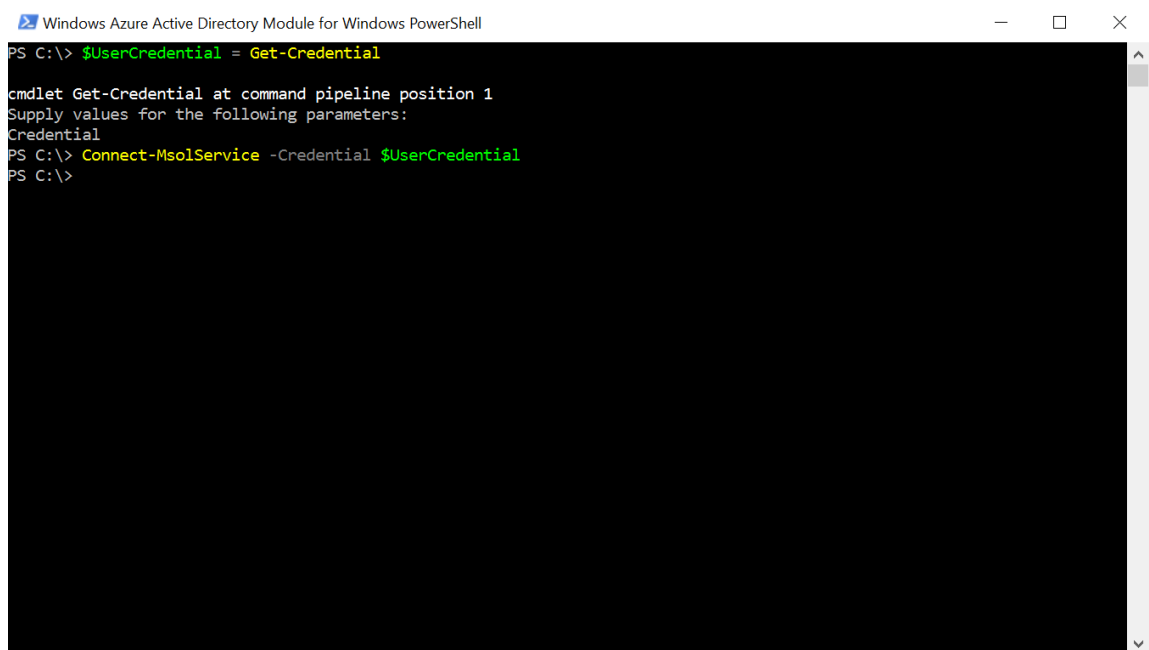
3. When prompted, enter your Office 365 Global Administrator credentials, and select **OK**.



4. Enter the following command.

```
Connect-MsolService -Credential $UserCredential
```

- PowerShell will now initiate a connection to the Office 365 subscription.



```
Windows Azure Active Directory Module for Windows PowerShell
PS C:\> $UserCredential = Get-Credential

cmdlet Get-Credential at command pipeline position 1
Supply values for the following parameters:
Credential
PS C:\> Connect-MsolService -Credential $UserCredential
PS C:\>
```

- Run the following commands.

```
$st = New-Object -TypeName
Microsoft.Online.Administration.StrongAuthenticationRequirement

$st.RelyingParty = "*"

$st.State = "Enabled"

$sta = @($st)
```

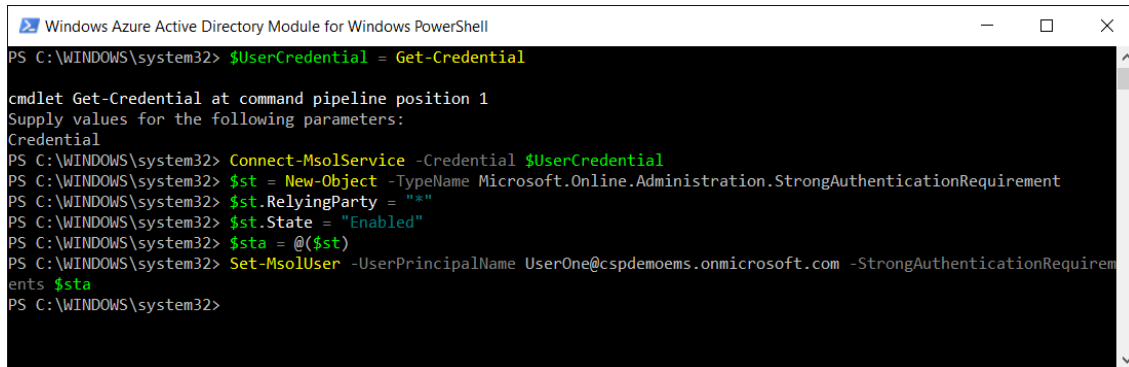
- Run the following command to enable MFA for the user.

```
Set-MsolUser -UserPrincipalName <UPN> -StrongAuthenticationRequirements
$sta
```

Example:

```
Set-MsolUser -UserPrincipalName john.doe@contoso.com -
StrongAuthenticationRequirements $sta
```

8. Using the example above, the **Windows Azure Active Directory for Windows PowerShell** window will display:



```
Windows Azure Active Directory Module for Windows PowerShell
PS C:\WINDOWS\system32> $UserCredential = Get-Credential

cmdlet Get-Credential at command pipeline position 1
Supply values for the following parameters:
Credential
PS C:\WINDOWS\system32> Connect-MsolService -Credential $UserCredential
PS C:\WINDOWS\system32> $st = New-Object -TypeName Microsoft.Online.Administration.StrongAuthenticationRequirement
PS C:\WINDOWS\system32> $st.RelyingParty = "*"
PS C:\WINDOWS\system32> $st.State = "Enabled"
PS C:\WINDOWS\system32> $sta = @($st)
PS C:\WINDOWS\system32> Set-MsolUser -UserPrincipalName UserOne@cspdemoems.onmicrosoft.com -StrongAuthenticationRequirements $sta
PS C:\WINDOWS\system32>
```