**Connect with the Microsoft Azure Active Directory Module for Windows PowerShell**

Commands in the Microsoft Azure Active Directory Module for Windows PowerShell have **Msol** in their cmdlet name.

PowerShell version 7 and later do not support the Microsoft Azure Active Directory Module for Windows PowerShell module and cmdlets with **Msol** in their name. For PowerShell version 7 and later, you must use the Azure Active Directory PowerShell for Graph module or Azure PowerShell.

PowerShell Core does not support the Microsoft Azure Active Directory Module for Windows PowerShell module and cmdlets with **Msol** in their name. To continue using these cmdlets, you must run them from Windows PowerShell.

### Step 1: Install required software

These steps are required once on your computer, not every time you connect. However, you'll likely need to install newer versions of the software periodically.

1. If you are not running Windows 10, install the 64-bit version of the Microsoft Online Services Sign-in Assistant: [Microsoft Online Services Sign-in Assistant for IT Professionals RTW](https://go.microsoft.com/fwlink/p/?LinkId=286152).
2. Install the Microsoft Azure Active Directory Module for Windows PowerShell with these steps:

* Open an elevated Windows PowerShell command prompt (run Windows PowerShell as an administrator).
* Run the **Install-Module MSOnline** command.
* If prompted to install the NuGet provider, type **Y** and press ENTER.
* If prompted to install the module from PSGallery, type **Y** and press ENTER.

### Step 2: Connect to Azure AD for your Microsoft 365 subscription

To connect to Azure AD for your Microsoft 365 subscription with an account name and password or with multi-factor authentication (MFA), run one of these commands from a Windows PowerShell command prompt (it does not have to be elevated).

|  |  |
| --- | --- |
| **Office 365 cloud** | **Command** |
| Office 365 Worldwide (+GCC) | Connect-MsolService |
| Office 365 operated by 21 Vianet | Connect-MsolService -AzureEnvironment AzureChinaCloud |
| Office 365 Germany | Connect-MsolService -AzureEnvironment AzureGermanyCloud |
| Office 365 U.S. Government DoD and Office 365 U.S. Government GCC High | Connect-MsolService -AzureEnvironment USGovernment |

In the **Sign into your account** dialog box, type your Microsoft 365 work or school account username and password, and then click **OK**.

If you are using MFA, follow the instructions in the additional dialog boxes to provide more authentication information, such as a verification code.

Get all users license status

**Get-MsolUser**

