

## Graph API Permissions for Right Click Tools

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Before you can run Right Click Tools that require a service connection to Entra ID, you'll need to register the application with Microsoft and add the required Graph API permissions.

### Register the Right Click Tools Console Extension with Microsoft

To register the Right Click Tools console extension with Microsoft:

1. Log into <https://portal.azure.com> using your Azure credentials with full admin rights.
  2. Search for **App registrations**.
  3. On the **App registrations** page, click **New registration**.
  4. Give the application a meaningful display **Name**.
  5. As the **Supported account type**, select **Accounts in any organizational directory (Any Microsoft Entra ID tenant – Multitenant)**.
  6. Click **Register**.
  7. In the **Overview** pane that opens, copy the **Application (client) ID** and **Directory (tenant) ID** as you will need to enter these later in your Recast Management Server.
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### Configure a Platform

To add a platform in the Microsoft Azure portal:

1. On the **Azure portal App registrations** page, under **Manage**, click **Authentication**.
  2. Under **Platform Configurations**, select **Add a platform**.
  3. Under **Configure platforms**, select **Mobile and desktop applications**.
  4. Under **Redirect URIs**, add a custom URI with your App ID in the name: `ms-appx-web://microsoft.aad.brokerplugin/<Your-App-ID>`
  5. Click **Configure** to add the platform.
  6. Under **Advanced Settings**, toggle **Enable the following mobile and desktop flows**: to **Yes** and click to **Save** this configuration.
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### Add Graph API Permissions

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To add Microsoft Graph API permissions:

1. On the **App registrations** page, under **Manage**, click **API Permissions**.
2. Select **Add a permission**.
3. Add required permissions for the specific Right Click Tools action you want to use. See [API Permissions by Product/Add-on](#) for a list of permissions needed for each Entra/Intune tool.
4. Once the required permissions are added, click **Grant admin consent for [Tenant Name]**.

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## API Permissions by Product/Add-On

Specific Microsoft Graph API permissions are required for individual Entra/Intune features in Right Click Tools, as well as for access to all features in Right Click Tools Patching and Right Click Tools Privileged Access.

### Right Click Tools

<a href="#">Add Devices to Entra Group</a>	Application permissions <ul style="list-style-type: none"><li>• Device.Read.All</li><li>• Device.Read.Write.All</li><li>• Group.Read.All</li><li>• Group.Read.Write.All</li></ul>
<a href="#">Delete Device(s) From Azure (Intune/Entra)</a>	Application permissions <ul style="list-style-type: none"><li>• DeviceManagementManagedDevices.ReadWrite.All – for deleting devices from Intune</li><li>• Device.ReadWrite.All – for deleting devices from Entra</li></ul>
<a href="#">Entra ID BitLocker Recovery Keys</a>	Application permissions <ul style="list-style-type: none"><li>• Device.Read.All</li></ul> Delegated permissions <ul style="list-style-type: none"><li>• User.Read</li><li>• BitlockerKey.Read.All</li><li>• BitlockerKey.ReadBasic.All</li><li>• DeviceManagementConfiguration.Read.All</li><li>• DeviceManagementManagedDevices.Read.All</li></ul>
<a href="#">Retrieve All LAPS Passwords (to retrieve passwords from Entra ID)</a>	Application permission <ul style="list-style-type: none"><li>• DeviceLocalCredential.Read.All</li></ul>

### Right Click Tools Insights

<a href="#">Collect warranty information for devices managed in Intune</a>	Application permissions <ul style="list-style-type: none"><li>• DeviceManagementManagedDevices.Read.All</li></ul>
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### Right Click Tools Privileged Access

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For all Privileged Access features	Application permissions <ul style="list-style-type: none"><li>• Device.Read.All</li><li>• GroupMember.Read.All</li><li>• User.Read.All</li></ul>
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## Right Click Tools Patching

For all Patching features	Application permissions <ul style="list-style-type: none"><li>• DeviceManagementApps.ReadWrite.All</li><li>• GroupMember.Read.All</li><li>• DeviceManagementConfiguration.Read.All – required to <a href="#">test an integration</a></li><li>• Device.Read.All – required to <a href="#">test the Azure Active Directory (Entra ID) service connection</a></li></ul>
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## Configure Your Application ID URI

To configure your application ID URI:

1. On the **App registrations** page, under **Manage**, click **Expose an API**.
  2. Click to **Add** an application ID URI.
  3. In the **Edit application ID URI** side panel that opens, enter the **Application ID URI**.
  4. **Save** your changes.
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