Setup Country Named Location using the Graph Explorer

An Azure AD Solution Guide

**Note :**

The current guide is based on the **Private Preview** and some options might change in future

This guide walks you through how to create a new IP V6 named Location.

This user is required to have appropriate roles to complete the operations, example Global admin/Conditional Access Administrator. However, you might need Global Admin the first time if you need to enable the Canary endpoint.

# Desired Outcome

You should be able to create a New IPV6 Named Location using the Graph Explorer.

# Pre-requisites

1. Enable Canary Endpoint for the Graph Explorer.

Enable and assign permissions to Access the CA APIs using the Canary endpoint.

1. Login as **Global Administrator**
2. Navigate to [https://developer.microsoft.com/graph/graph-explorer/#mode=canary](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdeveloper.microsoft.com%2Fgraph%2Fgraph-explorer%2F%23mode%3Dcanary&data=04%7C01%7Cjeevan.bisht%40microsoft.com%7Cec5c4feb91364f1b7ccc08d6a1c25145%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636874253293385317%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C-1&sdata=2j3f6Sf4l6OHd0W05CIUh7cMJ%2B0F%2BgsZ3eYWRr9sYl8%3D&reserved=0)
3. Sign in by clicking the “Sign In with Microsoft” button on the sidebar to the left
4. After signing in, the button should be replaced with the user’s name and UPN. Below the UPN, there should be a link called *modify permissions*
5. Select *Directory.AccessAsUser.All* and *Policy.ReadWrite.ConditionalAccess*  in the list that comes up and click on *Modify Permissions*
6. You might need to sign-in again and consent to the permissions being granted to the app

You should now be able to query the NamedLocation (

<https://canary.graph.microsoft.com/testidentityprotectionservices/namedlocations>

)

1. Login as a Global Administrator or Conditional Access Administrator if your canary endpoint is already enabled.

# Steps to implement

***Task 1: Creating an IP V6/V4 Named Location***

1. Log in to [https://developer.microsoft.com/en-us/graph/graph-explorer#](https://developer.microsoft.com/en-us/graph/graph-explorer)
2. Run the **POST** query against the <https://canary.graph.microsoft.com/testidentityprotectionservices/namedlocations> endpoint
3. Here is the sample Country NamedLocation

{

"@odata.type": "#microsoft.graph.countryNamedLocation",

"displayName": "Country Named Location Demo 1 ",

"countriesAndRegions": [

"US",

"GB"

],

"includeUnknownCountriesAndRegions": false

}

1. POST the NamedLocation

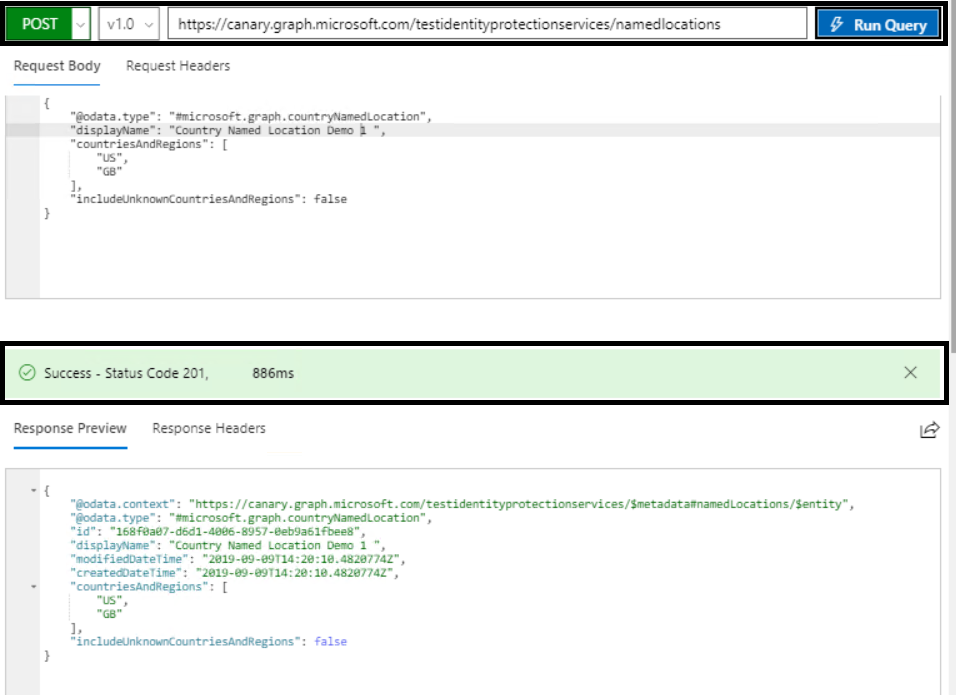


Figure 1: In the above example a new country named location is being created.

***Task 2. Verify the NamedLocation Creation***

1. Perform the **GET** operations against <https://canary.graph.microsoft.com/testidentityprotectionservices/namedlocations>

endpoint

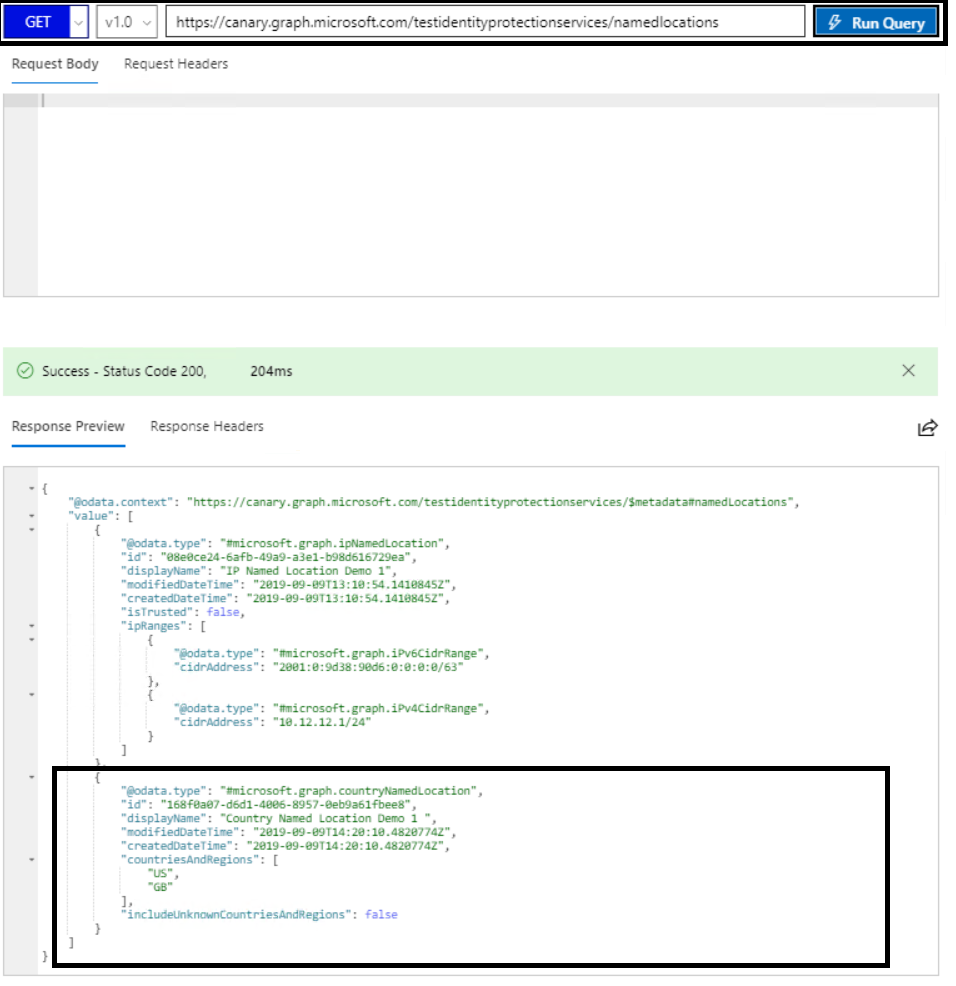


Figure 2: Query a Named Location

1. The "id": "168f0a07-d6d1-4006-8957-0eb9a61fbee8" is the NamedLocation ID

You can directly refer as

<https://canary.graph.microsoft.com/testidentityprotectionservices/namedlocations/168f0a07-d6d1-4006-8957-0eb9a61fbee8>

# Appendix

Below is the list of common queries that be used to identify the dependent resources.

## ## Applications

Applications supported for Conditional Access ( Excluding 3rd Party SaaS apps and Azure AD Application Proxy)

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/technical-reference#microsoft-cloud-applications>

**Using Graph**

https://canary.graph.microsoft.com/beta/serviceprincipals?$select=AppDisplayName,appid

https://canary.graph.microsoft.com/beta/serviceprincipals?$filter=startswith(displayName,'Microsoft Intune')

**Using PowerShell**

Get-MsolServicePrincipal | ft DisplayName, AppPrincipalId -AutoSize

## ## Directory Roles

Role Definition : <https://docs.microsoft.com/en-us/azure/active-directory/users-groups-roles/directory-assign-admin-roles>

**Using Graph**

https://canary.graph.microsoft.com/beta/directoryroles

**Using PowerShell**

Get-AzureADDirectoryRoleTemplate | Where-Object {$\_.DisplayName -eq "B2C IEF Keyset Administrator"}

## ## Group

**Using Graph**

https://canary.graph.microsoft.com/beta/groups?$select=DisplayName,id

**PowerShell**

Get-MsolGroup | ft objectid, signinname, displayname

**Note:** There might be a schema change soon causing some of the fields to have a different name, you might need to modify that if you have an older export of the CA Policies JSON.

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