Named Location API

Azure AD Private Preview Announcement

What's new

We are releasing Conditional Access API and Named Location APIs for:

* Ability to successfully perform Create/Read/Update/Delete operations on the Conditional Access Policy.
* API requires Global Administrator, Security Administrator or Conditional Access Administrators.
* The Private Preview of the API will be released using the Canary Endpoints.
* **Increased IP Ranges Support:** We currently support 1,200 IP ranges in a tenant. With this update we’ll support 190,000 IP ranges
* **Support for IPV6 Support:** We’ve also added support for configuring IPv6 addresses. This allows IPv6 addresses to be configured as trusted locations.
* **Updated UX :** Preview of the new Conditional Access UX for updated NamedLocation support <https://portal.azure.com/?microsoft_aad_iam_namedLocationsMsGraph=true>

Goals of this private preview

* Ensure the feature meets the scenario requirements
* Validation of the feature
* General feedback on the feature – are there other functionality that should be considered for the Public Preview

Private preview limitations

* Scale, documentation, supportability investments may not be complete.
* There might be some known issues under investigation at this time.

Steps to Implement Canary Endpoint.

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

Login as **Global Administrator**

* 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)
* Sign in by clicking the “Sign In with Microsoft” button on the sidebar to the left
* 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*
* Select *Directory.AccessAsUser.All* and *Policy.ReadWrite.ConditionalAccess*  in the list that comes up and click on *Modify Permissions*
* 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 CA ([https://canary.graph.microsoft.com/testidentityprotectionservices/conditionalaccesspolicies](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fcanary.graph.microsoft.com%2Ftestidentityprotectionservices%2Fconditionalaccesspolicies&data=04%7C01%7Cjeevan.bisht%40microsoft.com%7Cec5c4feb91364f1b7ccc08d6a1c25145%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636874253293395309%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C-1&sdata=8Qy87oI%2F%2BMK8g%2Fqc5RSHjJUbZ2p63Qw3nzJpyWVeGHg%3D&reserved=0))

Validation Scenarios

The API Documentation can be accessed [here](https://github.com/jeevanbisht/NamedLocation/blob/master/resources/NamedLocation.md).

* Scenario 1:  Create an IPv6 NamedLocation
* Scenario 2:  Create a country NamedLocation
* Scenario 3: Create a CA Policy with a Named Location
* Scenario 4: Verify the IPV6 Ranges using the updated UX

**Note**: Documentation for the above scenarios is provided separately

Known Issues will be updated [here](https://github.com/jeevanbisht/ConditionalAccessPolicies/blob/master/KnownIssues.md)

Support

Support during private preview is provided directly by the Azure AD engineering team during US Pacific Time Zone business hours. To report an issue, please send reach out to your GTP representative with repro steps, timestamp of the request, and repro user identifier.

Frequently asked questions

**Can I use this capability in production?**

The purpose of the early preview is to gather feedback and find issues and is part of getting the APIs into a production ready state; we do not recommend that you use this feature in production.

**Who can I call when things go wrong?**

The Azure AD engineering team will directly support each Private Preview customer. Please reach out to your GTP representative with any issues or questions.

**How about Breaking changes and functional takebacks?**

There is a high degree of ongoing change during a Private Preview that is hard to predict. Therefore, we limit Private Previews to a restricted set of customers working directly with engineering. Customer should assess risk when deploying Private Preview features in production.

**What is the time frame to next milestone?**

Private Preview capabilities may be withdrawn and possibly redesigned before reaching further milestones.