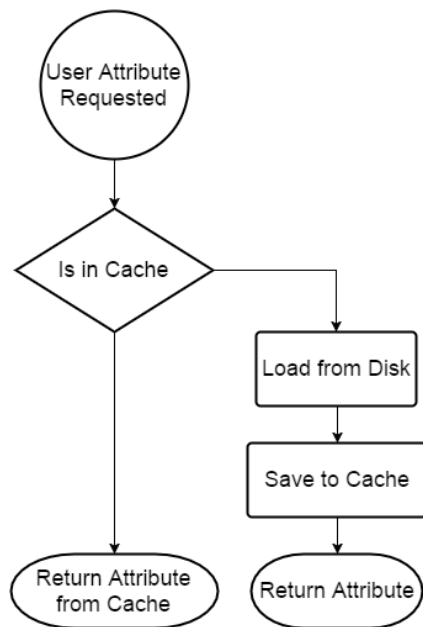


User Attribute Provider Plugin

Overview

This plugin is to expose and retrieve enrolled user attributes from the Control Center. The synchronization will happen at every heartbeat between the Policy Controller and the Control Center.



During the policy evaluation, if a user attribute is needed, the plugin will attempt to retrieve the attribute from its cache. If the cache does not contain the attribute needed, the plugin will attempt to load from disk and save it in its cache for subsequent use.

The cache operates on expiry mode. Every cache item will expire after a certain time limit specified in the configurations file. More details on setting the expiry duration can be found in the configuration section below.

Installation (Server – Control Center)

1. Stop Control Center
2. Unzip plugin zip file
3. The zip file should contain a folder named “Control Center”
4. Open the “Control Center” folder
5. Copy `UserAttributesServer-7.8.0.jar` to `[Policy Server]\server\plugins\jar`
6. Copy `UserAttributesServer-7.8.0.properties` to `[Policy Server]\server\plugins\config`
7. Edit `UserAttributesServer-7.8.0.properties`:
 - a. Modify jar-path to the actual path of `UserAttributesServer-7.8.0.jar` copied
8. Start Control Center

Installation (Client – Policy Controller)

1. Stop Policy Controller
2. Unzip plugin zip file
3. The zip file should contain a folder named “Policy Controller”
4. Open the “Policy Controller” folder
5. Copy `UserAttributesClient-7.8.0.jar` to `[Policy Controller]\jservice\jar`
6. Copy `UserAttributesClient.properties` to `[Policy Controller]\jservice\config`
7. Edit `UserAttributesClient.properties`:
 - a. Modify jar-path to the actual path of `UserAttributesClient-7.8.0.jar` copied
8. Start Policy Controller

Configuration (Server)

key-attributes

This property sets the list of primary keys to be used for determining the user.

Attributes

This property sets the list of attributes to be passed to the Policy Controller for user attribute provider consumption.

Only attributes that exist in this list will be retrievable from the user attribute plugin on policy evaluation.

Configuration (Client)

time_to_idle_in_minutes

This property sets the amount of time that the cache item will remain in cache after not being accessed for some time (idle).

This value expects an integer value in the form of number of minutes.

E.g. To set for 1 hour, the value should be given as `60`.

NOTE: This value should be **SMALLER** or **EQUAL** to the `time_to_live_in_minutes`

time_to_live_in_minutes

This property sets the maximum amount of time that the cache item can remain in cache regardless of the activity.

This value expects an integer value in the form of number of minutes.

E.g. To set for 24 hours, the value should be given as `1440`.

NOTE: This value should be **GREATER** or **EQUAL** to the `time_to_idle_in_minutes`.

request_mode

This property sets the mode of request for the user information from the Control Center.

This property has three available options:

- `all_domains_users` – Get all user information from all available domains
- `current_domain_users` – Get all users from the current domain
- `logged_in_users` – Get all logged in users from the current domain

Any other value will be defaulted to `all_domains_users`.