Custom Auth with Token Refresh

OAuth2 with grant type "client_credentials" is a perfect example of where using custom authentication with token refresh is necessary: when the endpoint is not quite OAuth2, but you still need to get an access token and refresh it. Import Achievers 4.json to see an example where this is implemented.

First, you need to configure the initial token exchange. To do this, create a resource with the **Resource Type** set to **PROVISION AUTH VALIDATION**. Do not use **ON PROVISION**, as it will not set the `authentication.time` property.
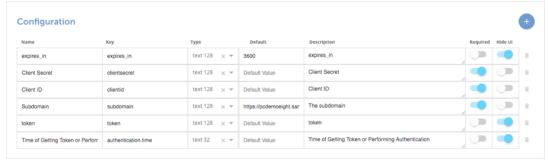
Configure parameters to save the `expires_in` and `access_token` that get returned from this call:

Next create a new resource with the **Resource Type** set to ON REFRESH. In this example, the call to refresh the token is the same as the call to get the token the first time, so this resource will by identical to the first one.

How does it work?

In this example, you need the two API calls: one with a **Resource Type of PROVISION AUTH VALIDATION**, and another with ON **REFRESH**. Beyond that, it is all about the configuration properties:

You need to have `authentication.time` (this should get added for you) and `expires_in`. Make sure these are spelled exactly like this example.

When you provision, it will set the `authentication.time` through the PROVISION AUTH VALIDATION resource. The

`expires_in` will be set by the response of that call.

The next time a call is made our system will check if (`expires_in` + `authentication.time` > now). If it is, it will call ON REFRESH, which will restart the process.