Smart Cities Hackathon
Tier 1 Challenge 4

Challenge 4: Create a Twitter Integration

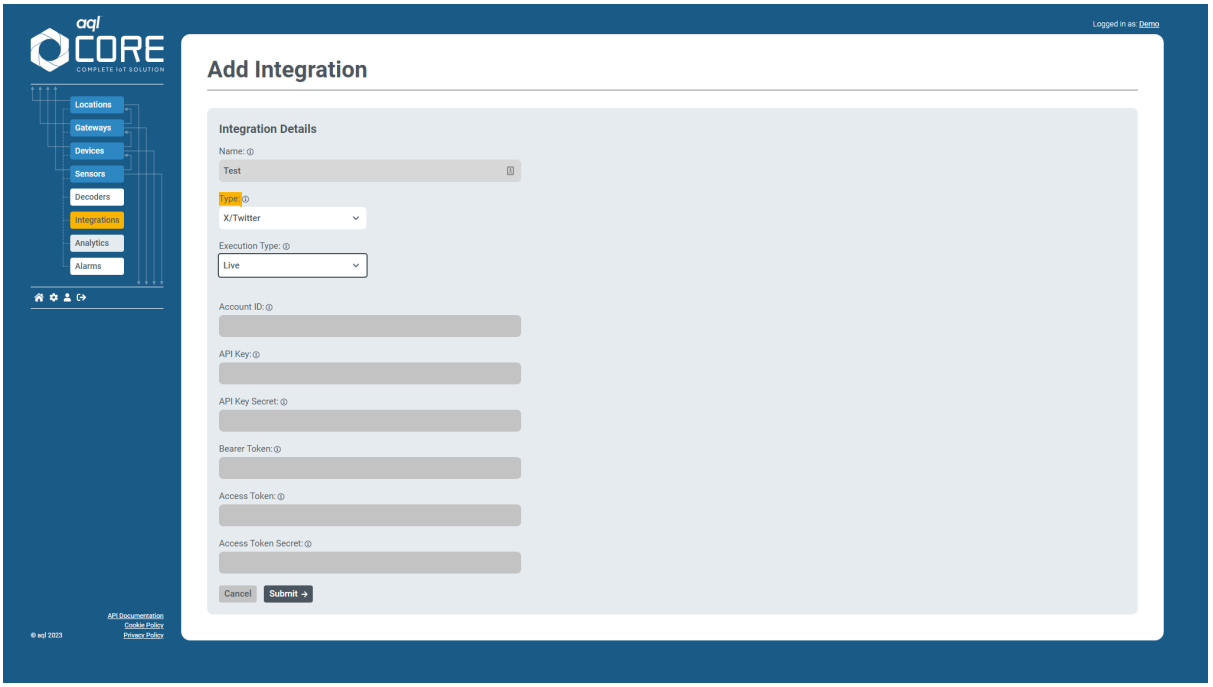
In this challenge, you are going to create an X/Twitter integration that will post a custom Tweet with your chosen sensor readings. The tweets will appear on our aql Dev X/Twitter account (@DevAql37849).

Step 1

Select “integrations” from the left menu

Step 2

Select “add integration”, and you will then see the below form to create an integration. Before entering the API details, enter a unique name for the integration, select X/Twitter as the integration type, then set the execution type to scheduled. Due to the possibility of lots of sensors sending readings through X/Twitter posts on the event day, we suggest selecting 5 minutes as the schedule time and limiting the amount of sensors you enable with the integration (see step 3):



Next, enter our Dev X/Twitter account API Details

- AccountID: 378491647888965649743872
- API Key: bZMWoYBESOto7aWoc5UynOxGT
- API Key Secret:5SE2L92VTt9nFRTCCERmOfIMcqcbiZbze678lyOSA0f3JLLz47

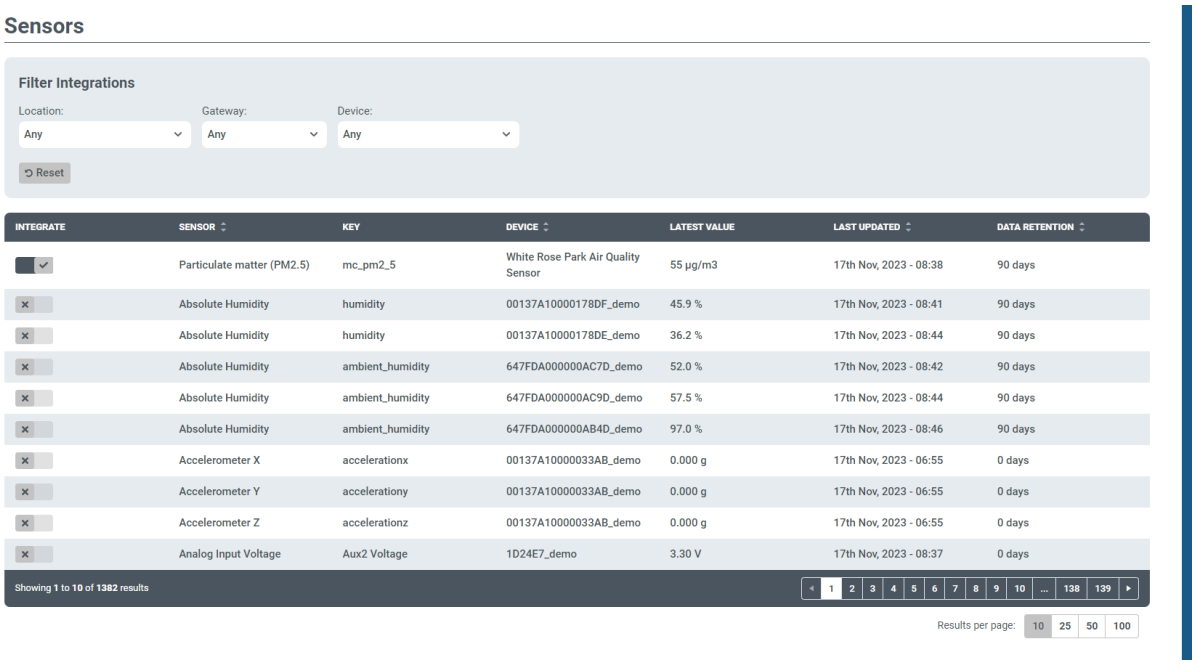
- Bearer Token: AAAAAAAAAAAAAAAAAAAAAKMjmwEAAAAAaiqbisaDvM9vgp3dlwNgOIV%2FgPs%3Dp7ajR8esS5cM2cJVf0CXx4DiQTbt2B7SHNILb8c5ShzhB36Ewn

- Access Token: 1646868244408532992-oEI46pPMMC0zwhF3Atv2MqGlBdEIDi

- Access Token Secret: 8nKw4oER6i12ab83htsBEQJJiN116DPqOAw2rill1tfth

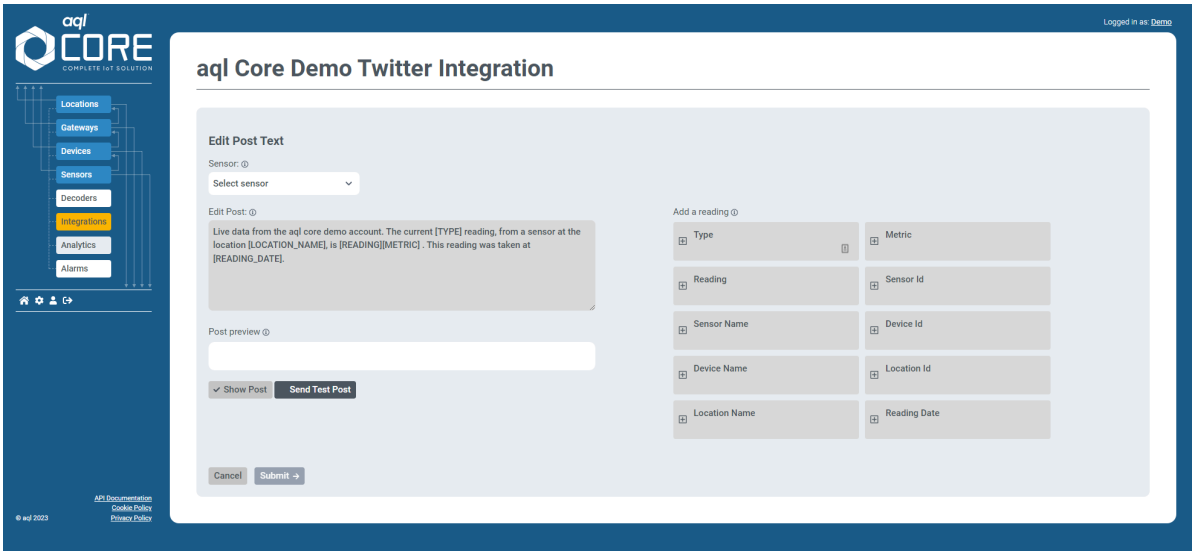
Step 3

Filter to find sensors you wish to use with the integration and enable by toggling the “Integrate” button.



Step 4

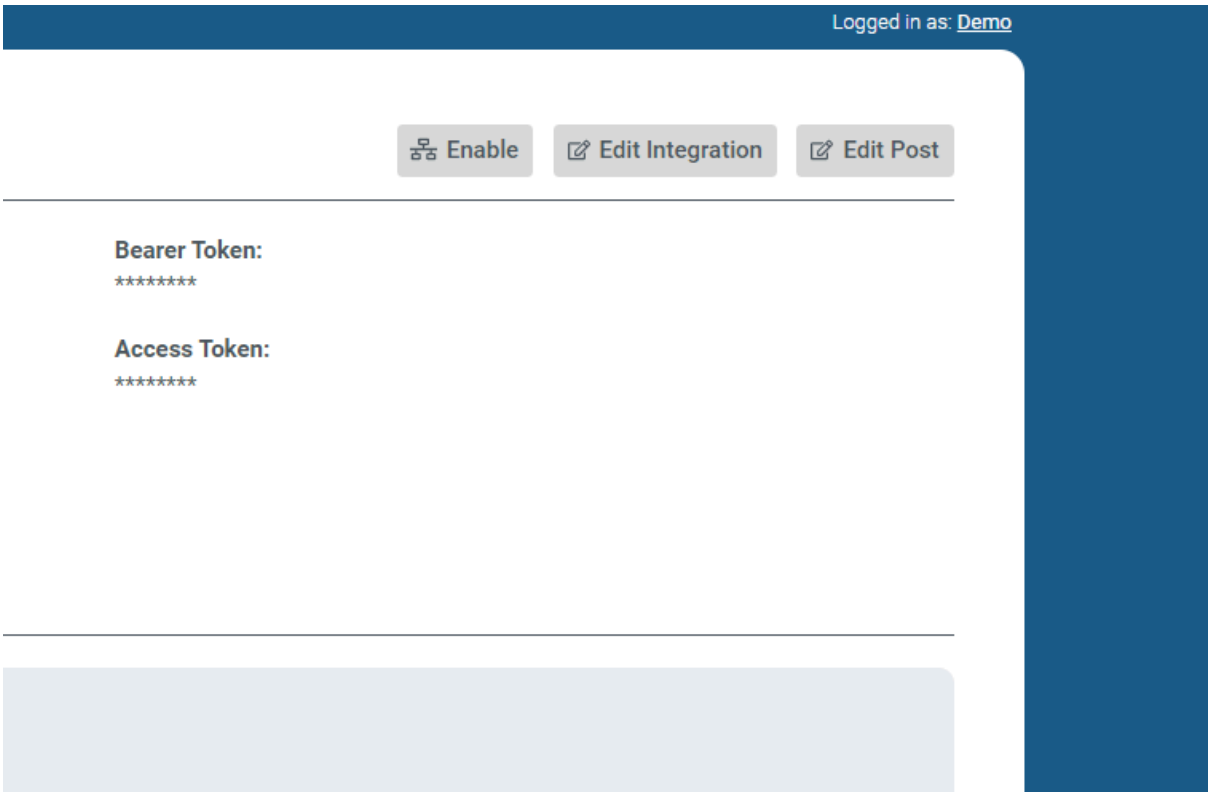
Select “Edit Post” to change the message that appears in the X/Twitter post. Clicking the plus values will allow you to insert variable values into the body of the post. These change depending on values with each sensor reading that triggers the integration. You can select a sensor to display example values and click “show post” to display how it will appear in the post on X/Twitter.



Review your post with your aql dev buddy and click “submit” to save your changes.

Step 5

Enable your Integration.



Well done! You have now completed this challenge and your posts for the Hackathon can be seen on: https://twitter.com/DevAql37849