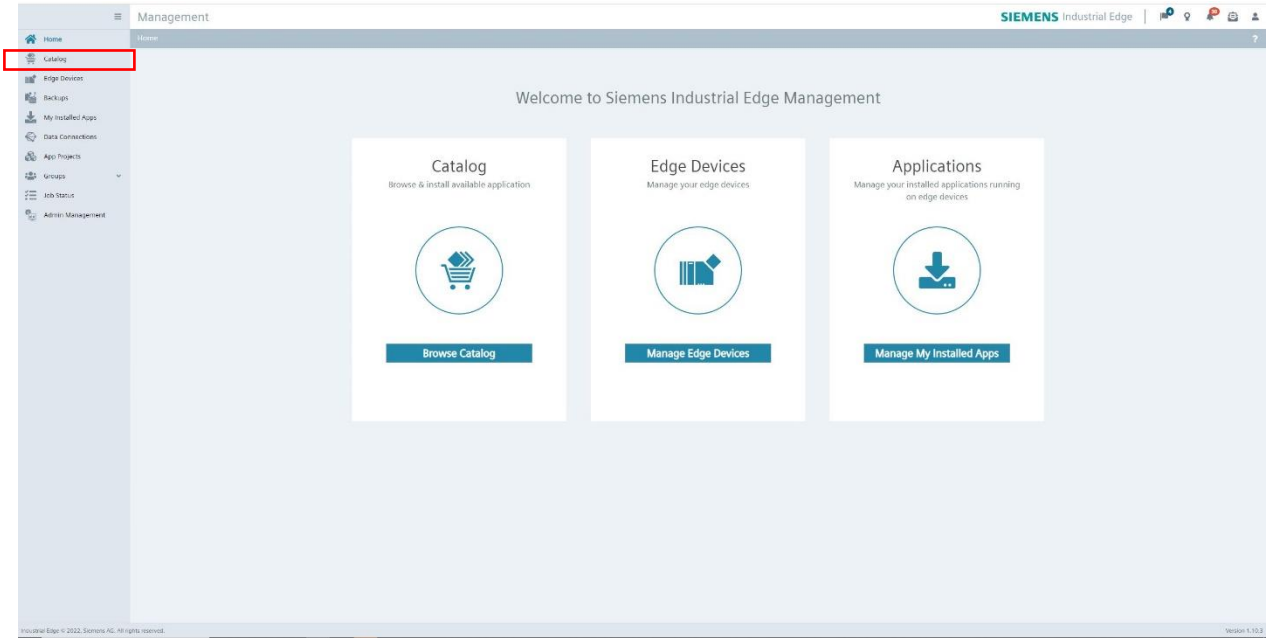
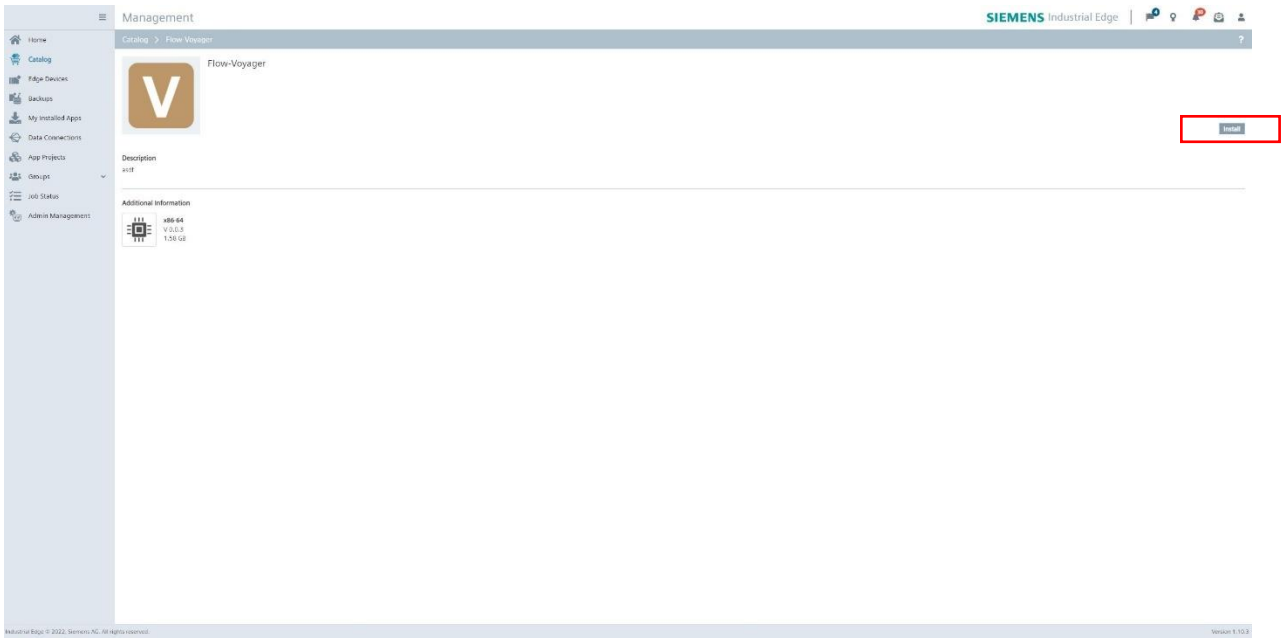
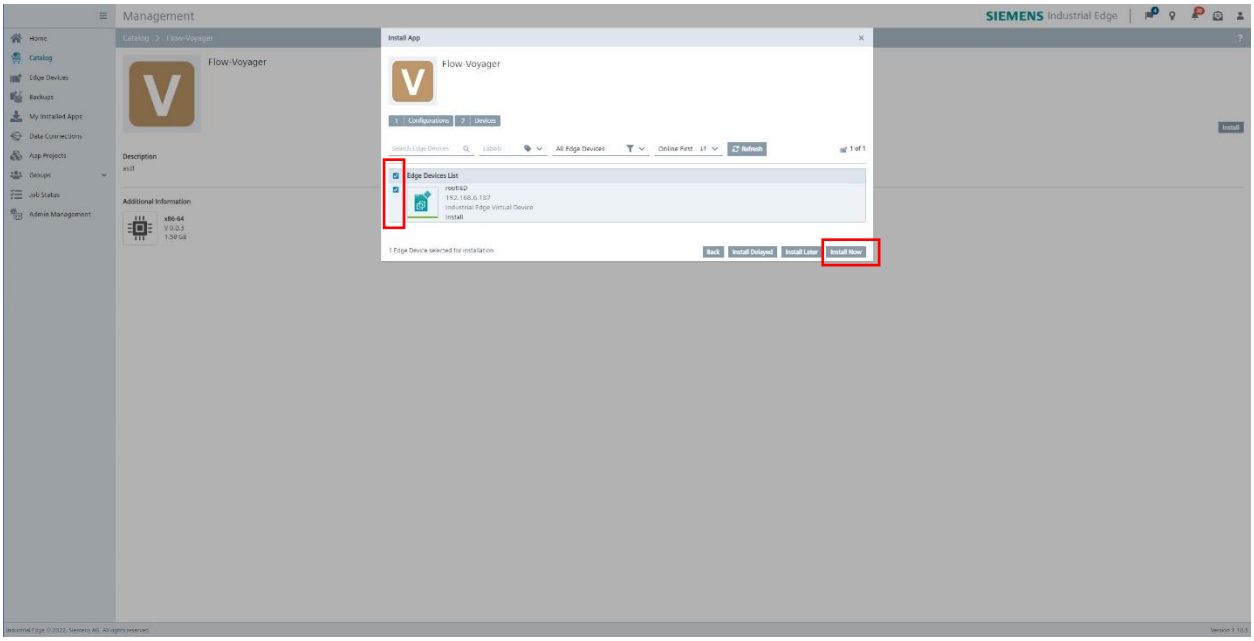
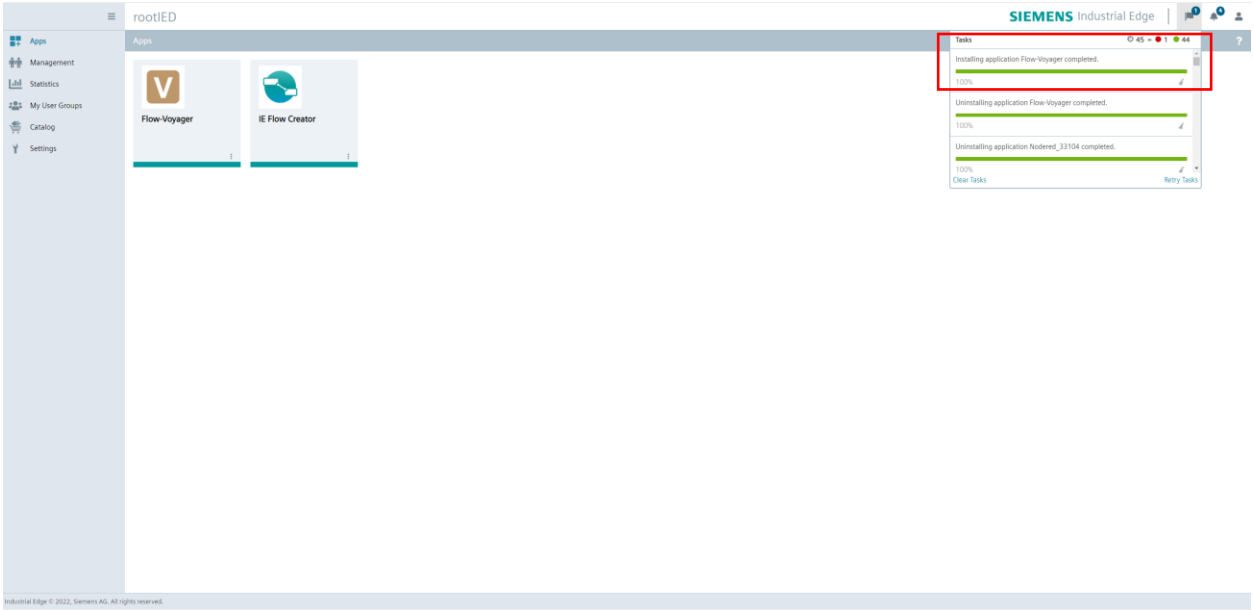
Setting Up the Flow-Voyager Application for use

1. Install the Flow-Voyager Application to the IED from Catalog



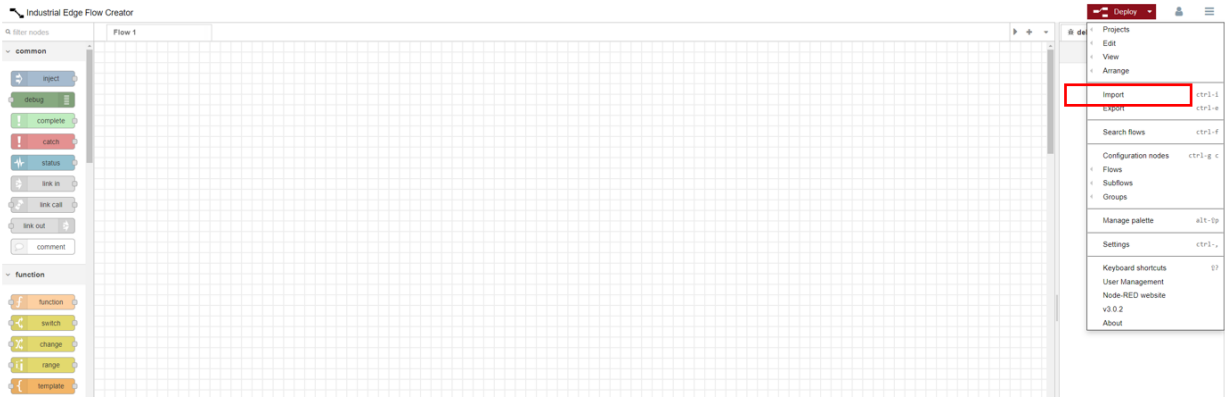


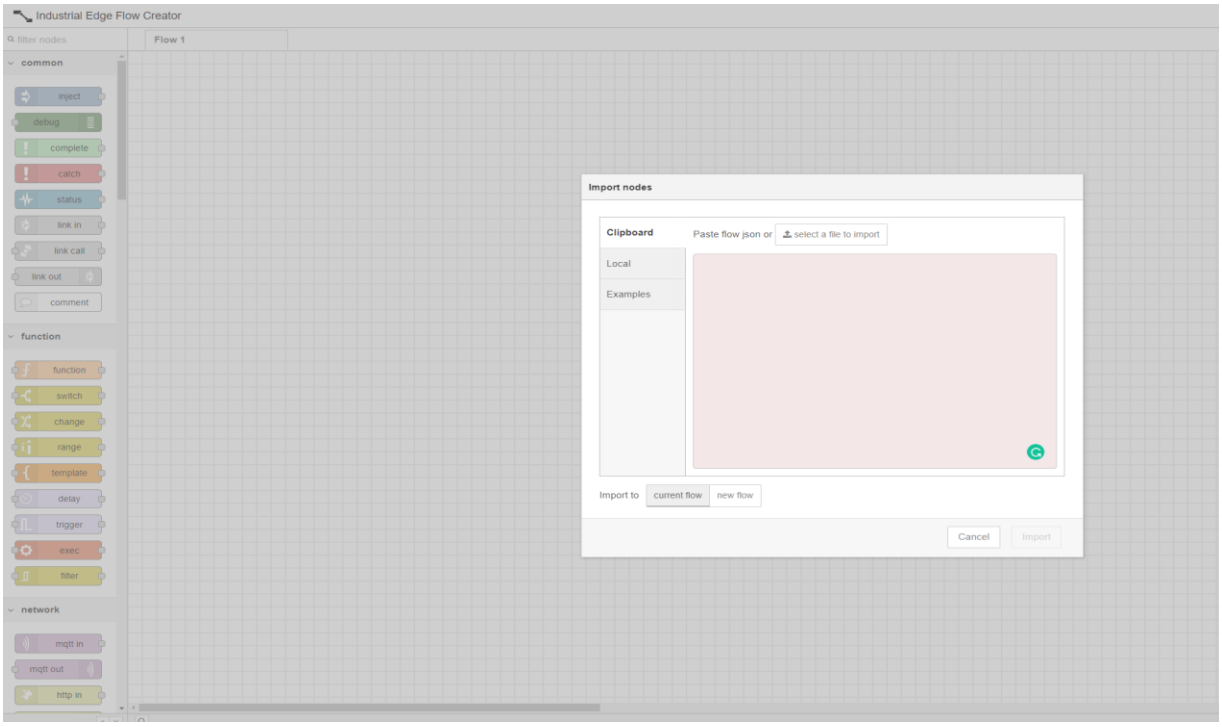

Management
SIEMENS Industrial Edge
Home
Catalog
Edge Devices
Backups
My Installed Apps
Data Connections
App Projects
Groups
Job Status
Admin Management
Flow-Voyager
Description
Additional Information
Install App
Flow-Voyager
1 Configurations
2 Devices
Refresh
Edge Devices List
Install
1 Edge Device selected for installation
Back
Install Delayed
Install Later
Install Now


rootIED
SIEMENS Industrial Edge
Apps
Management
Statistics
My User Groups
Catalog
Settings
Flow-Voyager
IE Flow Creator
Tasks
Installing application Flow-Voyager completed.
100%
Uninstalling application Flow-Voyager completed.
100%
Uninstalling application Nodered_33104 completed.
100%
Clear Tasks
Retry Tasks

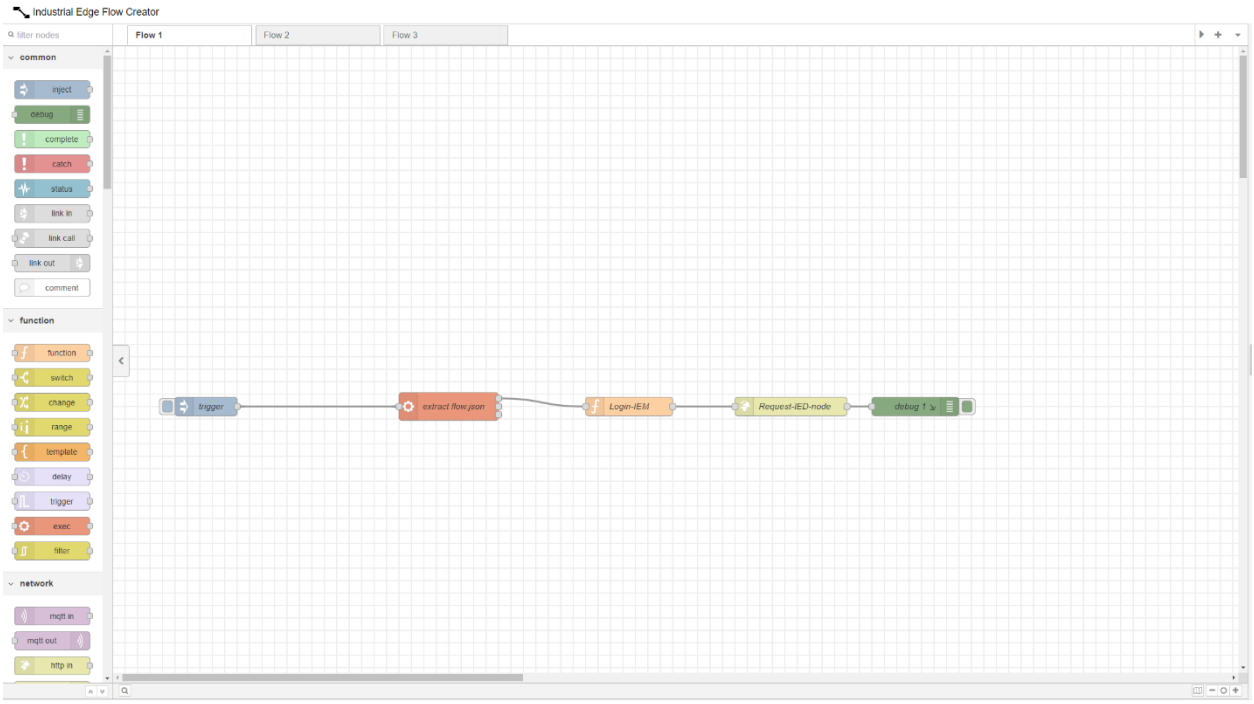
2. Run “IE Flow-creator” application by double clicking it logging in with user credentials

3. Import the “triggerFlow.json ” file to the Flow-creator application

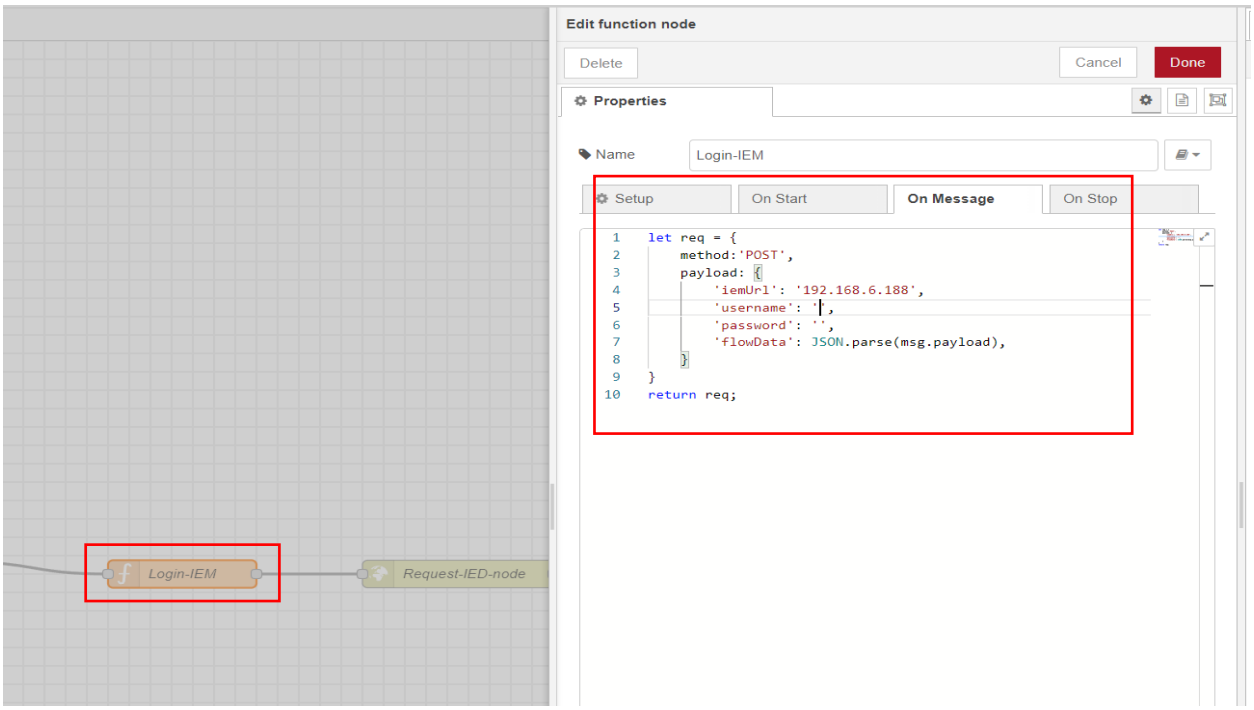




4. The imported flow looks as follow

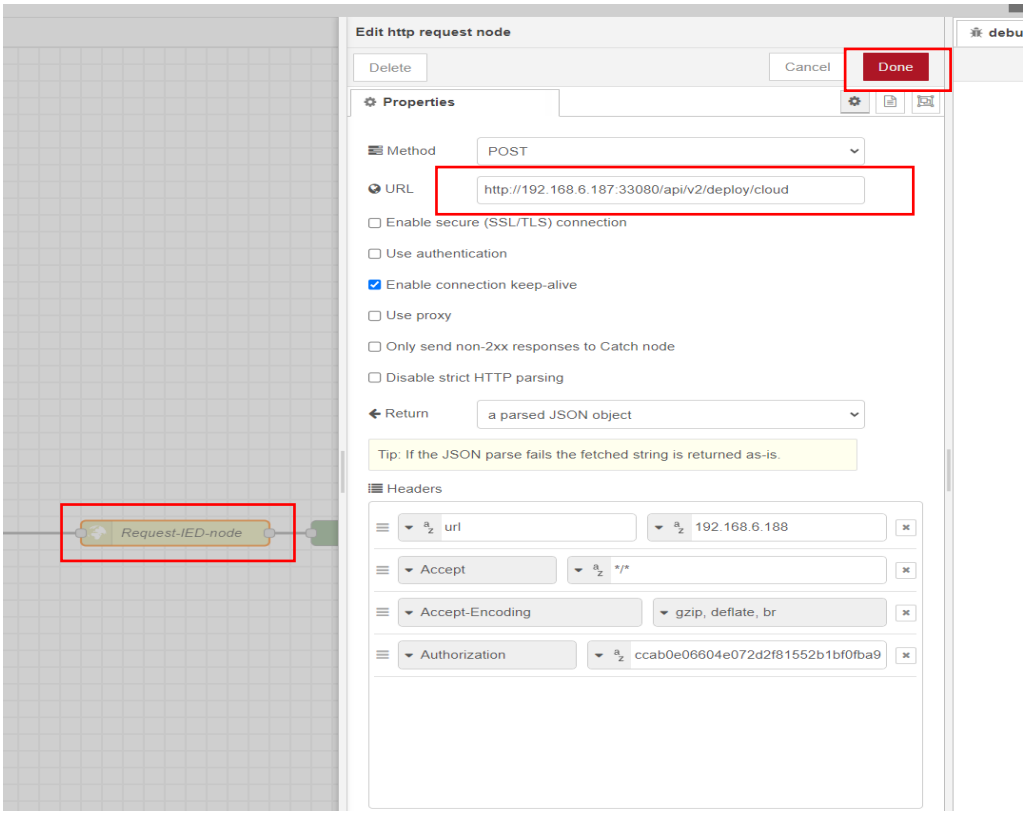


5. Double click the “Login-IEM” node and enter the user credentials for the IEM, including iemUrl, username, password



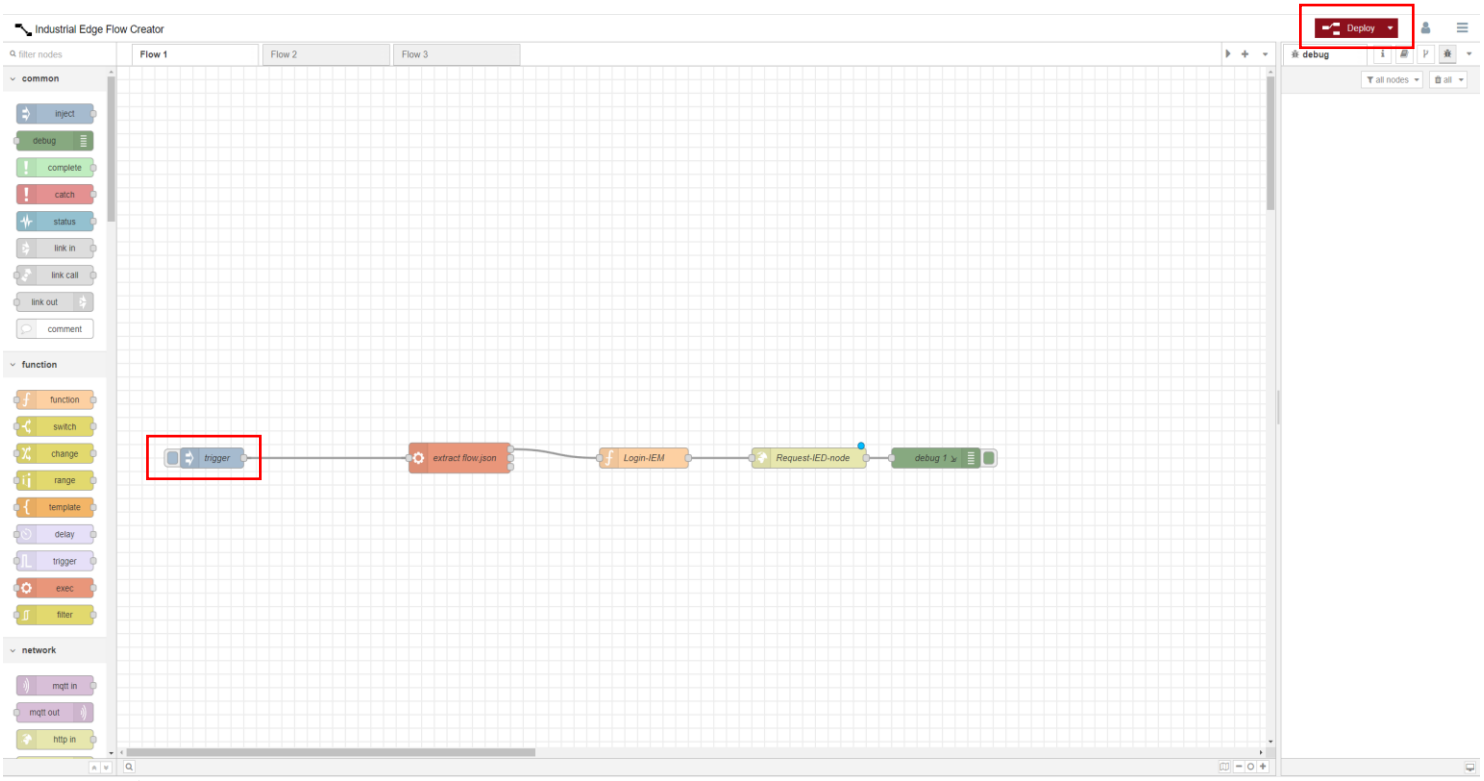
6. Double click the “Request-IED-node” and enter the request “URL ” in the format *“http://<ip-address-of-ied >:33080/api/v2/deploy/cloud”*

7. *Click done after inputting the user-credentials and the URL to update the flow*



8. After the user had developed new flows logic and function and wish to deploy the flow as an application

9. Click on “Deploy ” to update all the changes in the “IE flow creator” and then click on “trigger” node to automate new instance deployment by sending an API request to the “Flow-Voyager” application.


Industrial Edge Flow Creator
Deploy
Flow 1
Flow 2
Flow 3
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
trigger
exec
filter
network
mqtt in
mqtt out
http in
trigger
extract flow.json
Login-IEM
Request-IED-node
debug 1