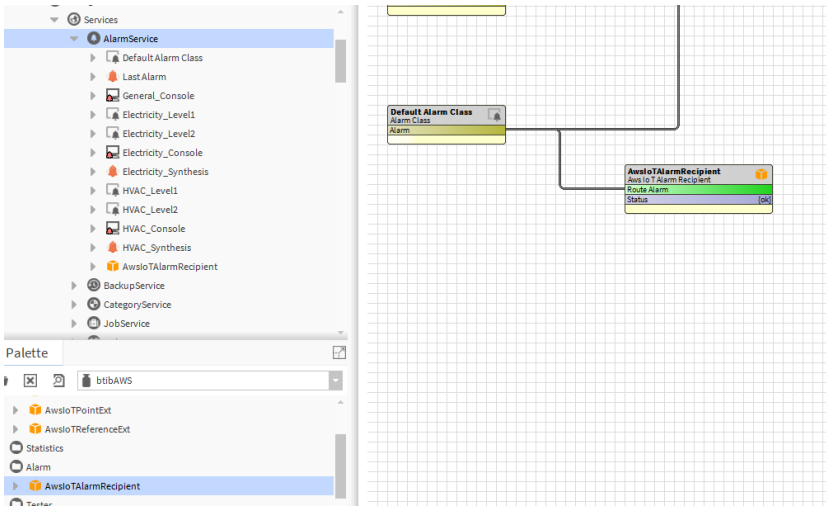


Step 4 Send alarms to AWS

You can easily transmit Niagara alarms in AWS. IoTCore doesn't have a native representation of alarms, this is why we use a dedicated devices which collect all the alarm events

Adding the AwsIoTAlarmRecipient

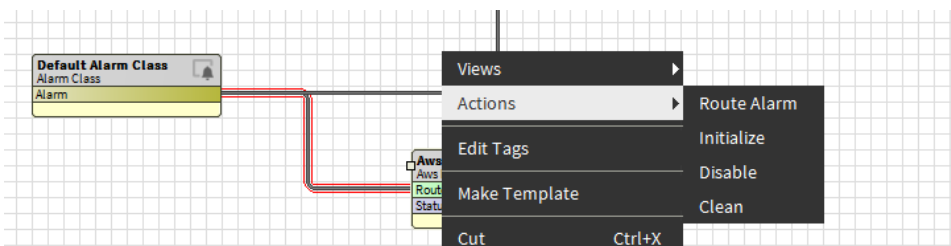
1. Open the btibAWSpalette and drag and drop the **AwsIoTAlarmRecipient** to the AlarmService.



2. Fill the optional alarm data you want to add to the document which will represent each alarm record. [Example: msgTxt, building, floor...](#)
3. Give a name to the device which will be dedicated to alarms in the destination field. (AWS doesn't have a native representation of alarms, this is why we use a dedicated devices which collect all the alarm events).
4. Select the connector if you have multiple AWS Connectors in your station

Property Sheet	
AwsIoTAlarmRecipient (Aws Io T Alarm Recipient)	
Time Range	12:00 AM - 12:00 AM
Days Of Week	<input checked="" type="checkbox"/> Sun <input checked="" type="checkbox"/> Mon <input checked="" type="checkbox"/> Tue <input checked="" type="checkbox"/> Wed <input checked="" type="checkbox"/> Thu <input checked="" type="checkbox"/> Fri <input checked="" type="checkbox"/> Sat
Transitions	<input checked="" type="checkbox"/> toOffnormal <input checked="" type="checkbox"/> toFault <input checked="" type="checkbox"/> toNormal <input checked="" type="checkbox"/> toAlert
Route Acks	<input checked="" type="radio"/> true
Status	{ok}
Fault Cause	
Enabled	<input checked="" type="radio"/> true
Optional Alarm Data	
Destination	alarms
Connector	AwsIoTConnector

5. To test right click on the recipient the route alarm.



6. The you should see the alarms on the alarms device created.

```
/devices/alarms/events      October 19, 2020, 17:48:17 (UTC+0200)

{
  "alarmTransition": "Offnormal",
  "ackBy": "null",
  "ackDate": "1970-01-01T01:00:00.000+01:00",
  "alarmClass": "Default Alarm Class",
  "source": "",
  "priority": 0,
  "uuid": "00000000-0000-0000-0000-000000000000",
  "ackState": "Unacked",
  "normalTime": "null",
  "lastUpdate": "2020-10-19T10:34:26.349+02:00",
  "sourceName": "null",
  "ackRequired": true,
  "sourceState": "Offnormal",
  "timestamp": "2020-10-19T10:34:26.349+02:00"
}
```

Next Step

[Step 5 Send commands from AWS to Niagara](#)