# API usage for getting SAS Token

First of all make a HTTP Post request on the following API in order to get SAS Token

**For UAT :**

https://procheck-oee-uat.azurewebsites.net/api/GetSasToken?code=GfN9tAJp48LljMxjO_cBfL6iSr1H9bR986vFkLz0epmqAzFuar3L0Q==

**For PROD :**

https://procheckprodfunctions.azurewebsites.net/api/GetSasToken?code=4ji8Wv3sHFDHRaoGgcjhzZos6IaWZmwgdUW2POuVUtBXRBY5%2F0MbSw%3D%3D

The body of the API call should include the following like JSON having Line ID and Primary Key which is provided in the Line Settings page of the oee dashboard, specifically in the line information section.

```
{
  "id": "marchisini-ma_8nc87",
  "key": "QZ2tnhB9Uxbgxc226REMzPVJD9UJJo7yCFugL5tkzJg="
}
```

In response to this API Call, you will receive a alpha numeric code, which may look like the following

LzrIoEWj279MfazwV4fQbNAPXdVQhrLRObSYwq8N%2BKo%3D&se=1731487209

This token will then be joined with the following to create a full authorization signature for sending data to the Azure IoT Hub

*SharedAccessSignature*
*sr=**procheck-prod**.azure-devices.net%2Fdevices%2F**marchisini-ma_8nc87**&sig=**%2B cnueEv4tyDGHAfho82qGFipJckMt7HYR4SNJD1m4E8%3D&se=1730960908***

Here you can see

1. The green part is for the selection of respective IoT Hub

2. The purple part represents the respective Line ID

3. The red part is the SAS Token that is received from API.

**NOTE :** The shelf life of this token is by default set to one year in the backend. So when it expires, the cloud will return status code of 400 or 411 etc. which tells the request is failed due to unauthorization. Thus you need to recreate or repeat the above process in order to get new token.