

fritzing

```
const wpi = require('wiring-pi');
       const Client = require('azure-iot-device').Client;
       const Message = require('azure-iot-device').Message;
       const Protocol = require('azure-iot-device-mqtt').Mqtt;
      const BME280 = require('bme280-sensor');
   10 - const BME280_OPTION - (
  11
         12cBusNo: 1, // defaults to 1
  12
         12cAddress: BME280_BME280_DEFAULT_I2C_ADDRESS() // defaults to 0x77
  13 };
  14
  15
      const connectionString = 'HostName-archanal.azure-devices.net;DeviceId-iot;SharedAccessKey-31IWTr80XDDhh
  16
      const LEDPin - 4;
  17
  18 var sendingMessage = false;
  19
      var messageId = 0;
      var client, sensor;
  20
  21 var blinkLEDTimeout - null;
  22
  23 * function getMessage(cb) {
  24
         messageId++;
  25
         sensor.readSensorData()
  26 =
          .then(function (data) {
  27 =
             cb(JSON.stringify({
  28
               messageId: messageId,
  29
               davicaTd. 'Racohanny Di Wah (Tiant'
   30
   Stop Reset
Message sent to Azure IoT Hub
Sending message: {"messageld":7,"deviceld":"Raspberry Pi Web Client","temperature":22.782463498525672, "humidity"
Message sent to Azure IoT Hub
Sending message: ("messageId":8,"deviceId":"Raspberry Pi Web Client", "temperature":27.725723778643925, "humidity"
Message sent to Azure IoT Hub
> []
```



## Welcome to Azure Container Instances!



azureuser@public:~\$ sudo ssh -i private.pem azureuser@10.0.1.4
The authenticity of host '10.0.1.4 (10.0.1.4)' can't be established.
ED25519 key fingerprint is SHA256:Nj17bBsijxHAQEu/aOYUiTeR8bI/EZyN4ekzPehMaj0.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.1.4' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1028-azure x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/pro

System information as of Thu May 22 10:14:56 UTC 2025

System load: 0.0 Processes: 104
Usage of /: 5.3% of 28.89GB Users logged in: 0

Memory usage: 28% IPv4 address for eth0: 10.0.1.4

Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

O updates can be applied immediately.

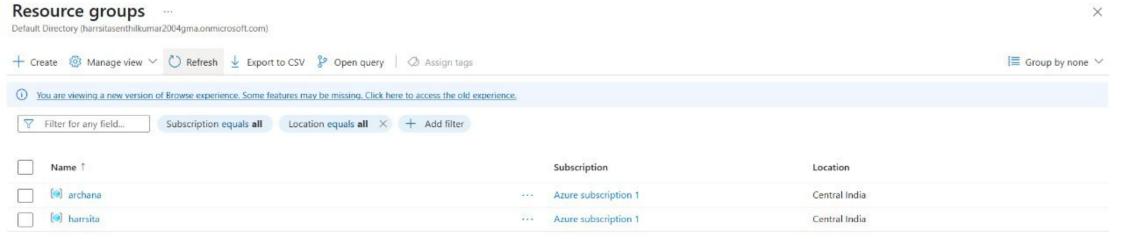
Enable ESM Apps to receive additional future security updates. See https://ubuntu.com/esm or run: sudo pro status

The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

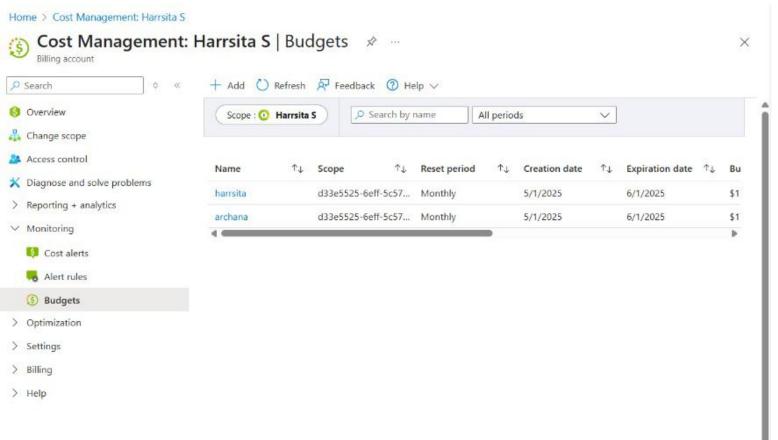
To run a command as administrator (user "root"), use "sudo <command>". See "man sudo\_root" for details.

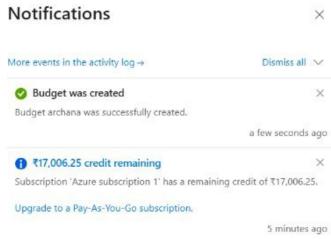




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