

Publish Data To Thingsboard from Command Prompt

You can post data to ThingsBoard using Windows Command Prompt by following steps:

Step 1: Go to CommandPrompt

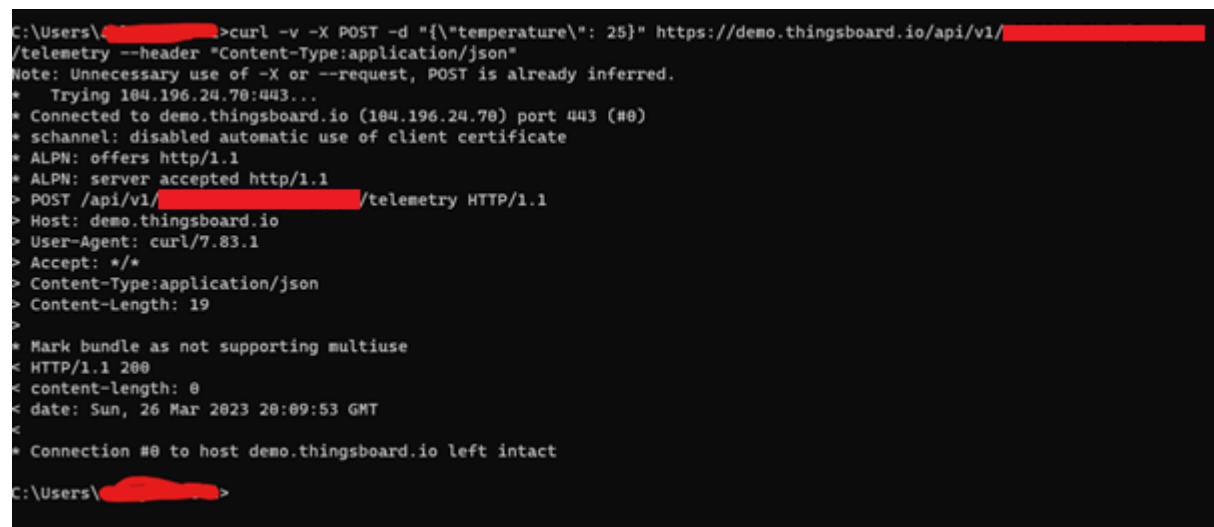
Step 2: Install curl

Step 3: For https protocol, execute following command

```
curl -v -X POST -d '{"temperature": 25}'  
$THINGSBOARD_HOST_NAME/api/v1/$ACCESS_TOKEN/telemetry --header  
"Content-Type:application/json"
```

\$THINGSBOARD_HOST_NAME = <https://demo.thingsboard.io/> \$ACCESS_TOKEN –

You can test the same by creating device on ThingsBoard demo version as follows:



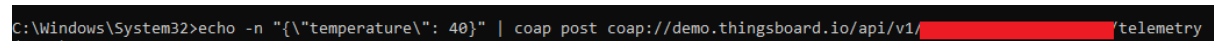
```
C:\Users\>curl -v -X POST -d '{"temperature": 25}' https://demo.thingsboard.io/api/v1/  
/telemetry --header "Content-Type:application/json"  
Note: Unnecessary use of -X or --request, POST is already inferred.  
* Trying 104.196.24.70:443...  
* Connected to demo.thingsboard.io (104.196.24.70) port 443 (#0)  
* schannel: disabled automatic use of client certificate  
* ALPN: offers http/1.1  
* ALPN: server accepted http/1.1  
> POST /api/v1/  
Host: demo.thingsboard.io  
User-Agent: curl/7.83.1  
> Accept: */*  
> Content-Type:application/json  
> Content-Length: 19  
>  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 200  
< content-length: 0  
< date: Sun, 26 Mar 2023 20:09:53 GMT  
<  
* Connection #0 to host demo.thingsboard.io left intact  
C:\Users\>
```

Step 4: For CoAP protocol, install aiocoap library using following command

pip install aiocoap

Step 5: Execute command in following format

```
echo -n '{"temperature": 25}' | coap post  
coap://demo.thingsboard.io/api/v1/ABC123/telemetry
```



```
C:\Windows\System32>echo -n '{"temperature": 40}' | coap post coap://demo.thingsboard.io/api/v1/  
(5.00)
```