

Badge OTA protocol

Server response

No OTA

```
{"Time":"24-08-08 13:42:44","sid":17,"aut":1,"ssid":"Techcedence","pass":"Techcedence12#","otat":"null"}
```

Have OTA

```
{"Time":"24-08-08 13:42:44","sid":17,"aut":1,"ssid":"Techcedence","pass":"Techcedence12#","otat":"OTA001/Server"}
```

The device sends the following request to the server in "OTA001/Server" topic, if the "otat" contains "OTA001/Server."

```
Dev - {"did":"84F7035F4B96","req":"ota?","sid":16,"type":"badge","sv":"2.1.2","hv":"1.0.0","bat":16}
```

```
Ser-{"Time":"ota=1=<size of file in bytes>","sid":17,"aut":1,"ssid":"Techcedence","pass":"Techcedence12#","otat":"null"}
```

```
Dev-{"did":"84F7035F4B96","req":"ackok","sid":16,"type":"badge","sv":"2.1.2","hv":"1.0.0","bat":16}
```

Ser- Publish the BIN file

If OTA done successfully

```
Dev-{"did":"84F7035F4B96","req":"otaok","sid":16,"type":"badge","sv":"2.1.2","hv":"1.0.0","bat":16}
```

else any error accrues

```
Dev-{"did":"84F7035F4B96","req":"otafail","sid":16,"type":"badge","sv":"2.1.2","hv":"1.0.0","bat":16}
```