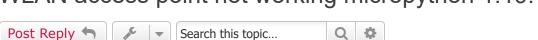


# WLAN access point not working micropython 1.19.1



4 posts • Page 1 of 1

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#### **MicroRichard**

Posts: 15

Joined: Tue Aug 09, 2022

11:32 am

# WLAN access point not working micropython 1.19.1

by MicroRichard » Wed Sep 07, 2022 3:53 pm

With micropython 1.15 the following code worked to create an accesspoint.

### CODE: SELECT ALL

Recently upgraded to micropython 1.19.1 and the network accesspoint does not appear anymore.

I discovered that the following code works, but then how to set the security and password of the accesspoint?

**CODE: SELECT ALL** 

```
if not NetworkHandler.ap:
    NetworkHandler.ap = network.WLAN(network.AP_IF)

    NetworkHandler.ap.active(0)
    NetworkHandler.ap.config(essid=ssid, channel=1)
```

The accesspoint is shown but has no security enabled... Help would be appreciated.





#### jimmo

Posts: 2754

Joined: Tue Aug 08, 2017

1:57 am

Location: Sydney, Australia

Contact: 💬

## Re: WLAN access point not working micropython 1.19.1



by **jimmo** » Thu Sep 08, 2022 2:48 am

Which board are you using? You're posting in Pyboard-D but "authmode" has never been a supported config argument for the Pyboard-D as far as I can tell, only on ESP32 and ESP8266.

On Pyboard-D the config argument is "security".

I can confirm the following code works for me on ESP32 & ESP8266 on 1.19.1 to create a secured access point. (Except on ESP8266 you need to active(1) the interface before calling config).

#### **CODE: SELECT ALL**

```
import network
ap = network.WLAN(network.AP_IF)
ap.active(0)
ap.config(essid="esp32-jim", password="helloworld", channap.active(1)
```

And equivalently to create an open access point

### **CODE: SELECT ALL**

```
import network
ap = network.WLAN(network.AP_IF)
ap.active(0)
ap.config(essid="esp32-jim", channel=1, authmode=network.ap.active(1)
```

For the pyboard-d, the following works for me on 1.19.1 to create a secured AP:

#### **CODE: SELECT ALL**

```
import network
ap = network.WLAN(network.AP_IF)
ap.active(0)
```

ap.config(essid="pybd-jim", password="helloworld", channe
ap.active(1)

Did you find a resolution to viewtopic.php?f=20&t=12958 by the way?

https://github.com/sponsors/jimmo/



#### MicroRichard

Posts: 15

Joined: Tue Aug 09, 2022

11:32 am

## Re: WLAN access point not working micropython 1.19.1

by MicroRichard » Thu Sep 08, 2022 6:18 am

The pyboard is the pyboard D type and the firmware is **MicroPython v1.19.1-1-g093d292**. When i use the code you mentioned an exception is raised saying '**unknown config param**'. It has something to do with the security parameter.

### **CODE: SELECT ALL**

import network

ap = network.WLAN(network.AP\_IF)

ap.active(0)

ap.config(essid="pybd-jim", password="helloworld", channe
ap.active(1)





## jimmo

Posts: 2754

Joined: Tue Aug 08, 2017

1:57 am

Location: Sydney, Australia

Contact: 💬

## Re: WLAN access point not working micropython 1.19.1

by **jimmo** » Thu Sep 08, 2022 3:12 pm



Thu Sep 08, 2022 6:18 am

MicroPython v1.19.1-1-g093d292

I can't find this commit in the history... Where did you download this from? What's the full .dfu filename?

## 66 MicroRichard wrote: ↑

Thu Sep 08, 2022 6:18 am

When i use the code you mentioned an exception is raised saying 'unknown config param'. It has something to do with the security parameter.

Maybe it was added after 1.19.1 ... try one of the recent nightly builds.

