

captive_portal.json file

- Edit the file `/etc/MESHdesk/configs/captive_config.json`.
- This file is a JSON structure that the device uses as a reference to configure itself with a special captive portal when it is not yet managed by the controller.
- There are only two items that might need to be tweaked
 - The radio number for the 2.4G band.
 - The **ports** for the **br-lan** device (We use the WAN port in our implementation)
- With the **Xiaomi 4A 100M Edition** radio0 is the 2.4G radio so no need to tweak that item. (If the hardware has radio1 as the 2.4G band simply look for all the references to **radio0** and make them radio1)
- See this snippet of a device which has radio1 using the 2.4G band

```
"wireless": [
  {
    "wifi-device": "radio1",
    "options": {
      "channel": 1,
      "disabled": 0,
      "hwmode": "11g",
      "htmode": "HT20"
    }
  },
  {
    "wifi-iface": "two",
    "options": {
      "device": "radio1",
      "ifname": "two0",
      "mode": "ap",
      "network": "ex_two",
      "encryption": "none",
      "ssid": "_Replace_",
      "key": "",
      "hidden": false,
      "isolate": false,
      "auth_server": "",
      "auth_secret": ""
    }
  },
  {
    "wifi-iface": "web_by_w",
    "options": {
      "device": "radio1",
      "mode": "sta",
      "network": "web_by_w",
      "encryption": "psk2",
      "key": "radiusdesk",
      "ssid": "meshdesk_config",
      "disabled": "1"
    }
  }
]
```

```
    },  
  }  
],  
}
```

- With the **Xiaomi 4A 100M Edition** the **port** we use is **eth0.1** for the **br-lan** device definition.

```
{  
  "device": "br-lan",  
  "options": {  
    "name": "br-lan",  
    "type": "bridge"  
  },  
  "lists": {  
    "ports": [  
      "eth0.1"  
    ]  
  }  
},  
},
```

- With the **Xiaomi 4A Gigabit Edition** it will look like this

```
{  
  "device": "br-lan",  
  "options": {  
    "name": "br-lan",  
    "type": "bridge"  
  },  
  "lists": {  
    "ports": [  
      "wan"  
    ]  
  }  
},  
},
```

- Once the tweaks are completed we can test everything out.

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