

WIFI6_AP - Bug #3960

2.3.4 WIFI 7wifiqualitycollectswitch 0 packetsfailsent null

02/11/2026 10:57 -

Status:	Resolved	Start date:	02/11/2026
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Created:	2 SMP Fri Feb 6 10:17:44 CST 2026	Progress:	100%

Description

```

1. 2.4G backgroundnoise 5G backgroundnoise wifi wifiqualitycollectswitch
ubus call ctcapd.wifi.1 get
ubus call ctcapd.wifi.2 get
ubus call ctcapd.wifi get
2. FTP Windows DOS
# 100MB(104857600) 100MB.txt
fsutil file createnew 100MB.txt 104857600
# 144MB(150994944) 144MB.txt
fsutil file createnew 144MB.txt 150994944
# 120MB(125829120) 120MB.txt
fsutil file createnew 120MB.txt 125829120

6G (60 100MB.txt +1 144MB.txt FTP)
5G (50 100MB.txt +1 120MB.txt)
3. PC1 PC2 PC3 FTP
4. ubus call ctcapd.laninfo
list (bytesent,bytesreceived,packetsent,packetsreceived,packetsfailsent,packetsfailreceived,packetsretrysent,packet
sretryreceived,packetsloss) 1
5. PC1 PC2 PC3 6G 5G
6. ubus wifiqualitycollectswitch 0x0000
7. 1 4
8. ubus wifiqualitycollectswitch 0xFC(0b0000 1111 1100) packetsfailsent packetsfailreceived
9. 1 4
10. 8
0xF3(0b0000 1111 0011) - packetsretrysent/packetsretryreceived
0xCF(0b0000 1100 1111) - packetsreceived/packetsloss
0x3F(0b0000 0011 1111) - backgroundnoise(2G)/backgroundnoise(5G)

: bit 0 packetsfailsent
Bit 1: packetsfailreceived
Bit 2: packetsretrysent
Bit 3: packetsretryreceived
Bit 4: packetsreceived
Bit 5: packetsloss
Bit 6: backgroundnoise(2G)
Bit 7: backgroundnoise(5G)
1 4

{
  "idx": 4,
  "mac": "9C297640F1EB",
  "vmac": "9C297640F1EB",
  "hostname": "JINCHENGWU",
  "devname": "",

```

```
"onlinetime": 102,
"connecttype": 1,
"ipaddr": "192.168.2.73",
"ipaddr6": "2408:824e:d20:a00:21a3:2f5d:ca34:1111, fe80::c142:4d3d:f870:18a
4",
"port": 1,
"duplexmode": "auto",
"bytessent": "894429",
"bytesreceived": "1069485",
"packetsent": "3270",
"packetsreceived": "2541",
"crcerror": 0,
"band": "2.4G",
"ssid": "aawttest",
"rssi": -75,
"uploadspeed": "1148",
"downloadspeak": "618",
"negorate": 65000,
"packetsfailsent": "0",
"packetsfailreceived": "0",
"packetsretrysent": "0",
"packetsretryreceived": "0",
"packetsloss": "0",
"internetaccess": 2,
"lanseparation": 0,
"storageaccess": 1,
"active": 1,
"activetime": "2026-02-11 10:53:58",
"inactivetime": "2026-02-11 10:53:55",
"brand": "",
"model": "",
"cate": "STA",
"dsbandwidth": 0,
"usbandwidth": 0
```

```

1. 1 wifiqualitycollectswitch 0xFFFF 2.4G backgroundnoise 5G backgroundnoise
2. 4 bytessent,bytesreceived,packetsent,packetsreceived,packetsfailsent,packetsfailreceived,packetsretrysent,packetsretryrecei
ved,packetsloss
3. 7 wifiqualitycollectswitch 0 2.4G backgroundnoise 5G
backgroundnoise 0 packetsfailsent,packetsfailreceived,packetsretrysent,packetsretryreceived,
packetsreceived,packetsloss null
4. 9 wifiqualitycollectswitch 0xFC(0b0000 1111 1100) packetsfailsent packetsfailreceived null, 2.4G
backgroundnoise 5G backgroundnoise 4
5. 11 wifiqualitycollectswitch 10 backgroundnoise 2.4G backgroundnoise 5G
backgroundnoise 0 null, 4
```

History

- #1 - 03/17/2026 16:16 -
- Status changed from New to Resolved
- Assignee changed from to
- #2 - 03/30/2026 11:13 -
- Assignee changed from to

```
7 wifiqualitycollectswitch 0 packetsfailsent packetsretryreceived null
"mac": "9C297640F1EB",
"vmac": "9C297640F1EB",
"hostname": "JINCHENGWU",
"devname": "",
"onlinetime": 117310,
"connecttype": 1,
```

"ipaddr": "192.168.1.26",
"ipaddr6": "2408:824e:d20:a00:21a3:2f5d:ca34:1111,fe80::c142:4d3d:f870:18a4",
"port": 9,
"duplexmode": "auto",
"bytessent": "17670308",
"bytesreceived": "935487251",
"packetsent": "271944",
"crcerror": 0,
"band": "5G",
"ssid": "ChinaNet-1647-5G",
"rssi": 0,
"uploadspeed": "0",
"downloadspeak": "0",
"negorate": 0,
"packetsfailsent": "0",
"packetsfailreceived": "0",
"packetsretrysent": "0",
"packetsretryreceived": "0",
"packetsreceived": "0",
"packetsloss": "0",
"internetaccess": 2,
"lanseparation": 0,
"storageaccess": 1,
"active": 1,
"activetime": "2026-03-29 02:34:16",
"inactivetime": "2026-03-29 02:34:13",
"brand": "",
"model": "",
"cate": "STA",
"dsbandwidth": 0,
"usbwidth": 0