

Accepted Syslog Formats From Wireless APs

<https://campus.barracuda.com/doc/67176482/>

This article includes examples from specific wireless AP devices Barracuda has tested from which the Barracuda Web Security Gateway can accept syslog data. Since the manufacturers of these devices may change the format from time to time, Barracuda recommends consulting with your device manufacturer to verify the current syslog output format.

The only fields required in syslog output from wireless AP devices by the Barracuda Web Security Gateway are shown in bold face. These fields identify the wireless AP device and the user for the syslog on the Barracuda Web Security Gateway.

Example syslog format for Meru

```
ALARM: 1388445713| system | info | ALR | Station Info Update : MAC-Address :  
74:e5:0b:b9:63:46, User-Name: dnoble, AP-Id: 1, AP-Name: Meru-AP, BSSID: 00:0c:e6:02:86:ae,  
ESSID: Meru, IP-Type: discovered, IP-Address: 184.15.21.123, L2-Mode: 802.1x, L3-Mode: clear,  
Vlan-Name: None, Vlan-Tag: 0
```

Example syslog formats for Ruckus and Ruckus Cloudpath

Format 1, for Ruckus:

```
Mar 3 18:32:13 stamgr:  
stamgr_send_log_v4():operation=add;seq=3;sta_ip=10.1.0.123;sta_mac=d8:30:62:8b:71:e0;zd/  
ap=24:c9:a1:24:ae:c8/54:3d:37:29:c2:a0;sta_ostype=iOS;sta_name=adnoble;stamgr_handle_re  
mote_ipc
```

Format 2, for Ruckus Cloudpath:

```
ts=20171013 164450.444, lvl=FINE, action=RAD ACCOUNTING, radAcctType=Start,  
accountPk=1, radClientIp=10.100.38.10, radSessionId=59E0ED6B-37113000,  
radUsername=bstrohm, radClientMac=28:B2:BD:FB:27:FA,  
src=service.RadiusConnectionService
```

Example syslog format for Aerohive

```
INFO AUTH 12/9/2014 11:39:43 AM 10.1.0.184 10.1.0.184 ah_auth: Station 74e5:0bb9:6346 ip
10.1.31.123 username dnoble hostname BenZ570 OS n/a
```

Example syslog formats for Aruba

Format 1:

```
Oct 2 13:02:34 authmgr[3785]: <522008> |authmgr| User Authentication Successful:
username=dnoble MAC=c4:62:ea:c1:e7:3f IP=10.213.50.$i role=ADMON_USER VLAN=15
AP=THE.GYM.1 SSID=CNG_WIRELESS AAA profile=CNG_WIRELESS-aaa_prof auth method=802.1x
auth server=RADIUSCNG2"
```

Format 2:

```
Jul 25 13:25:25 stm[1454]: <501199> |AP ap-3175w-2f-web@10.7.7.42 stm| User authenticated,
mac-18:af:61:5f:0d:27, username-rmathews, IP-10.6.124.216, method-4, role-affinity
```

Example syslog format for Clearpass

```
08-18-2014 10:42:43 Local1.Debug 192.168.100.27 2014-08-18 10:42:42,650 192.168.100.27
For Cuda Grab 78 1 0
Common.Username=dnoble,Common.Service=Ancillae_802.1x_Wireless,Common.Roles=Ancillae_FAC_STAFF_STU, [User Authenticated],Common.Host-MAC-Address=e4ce8f1d29de,RADIUS.Acct-Framed-IP-Address=10.50.45.103,Common.NAS-IP-Address=192.168.100.27,Common.Request-Timestamp=2014
```

Example syslog format for Cisco

```
Wed Jun 22 07:00:00 COT 2016,""Wed Jun 22 07:00:00 COT
2016"",""0s"",""ICETEXV2\apond"",""74:46:A0:A4:7A:E7"",""10.1.235.2"",""dot1x"",""PEA
P (EAP-MSCHAPv2)"",""ICTX_WIRED >> ICTX-802.1X-WIRED >> Default"",""ICTX_WIRED >> ICTX-
WIRED-USER"",""ICTX-PERMIT-
ALL"",""Started"",""ictxsrvise1"",""0A01041B000064AB70CDEAC8"",""000017A3
```

```
","10.1.4.27","GigabitEthernet1/0/30","N","0","0","0","0","","RADIUS","icetex.lo  
cal","","ICETEXV2",""
```

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