

Accedir a l'antena amb un navegador, per la seva adreça (per defecte 192.168.1.20)

The screenshot shows the 'SYSTEM' configuration page for a NanoBridge M5. The 'SYSTEM' tab is highlighted in red. The page contains several sections with red boxes indicating key configuration points:

- Firmware Update:** Firmware Version: XM.v5.5.6 (highlighted with red box 1). Build Number: 17762. Check for Updates: Enable . Upload Firmware: No s'ha triat cap fitxer.
- Device:** Device Name: BCNcstlls352-NB2 (highlighted with red box 2). Interface Language: English.
- Date Settings:** Time Zone: (GMT+01:00) Central Eu (highlighted with red box 3). Startup Date: Enable. Startup Date:
- System Accounts:** Administrator Username: admin (highlighted with red box 4). Read-Only Account: Enable. Read-Only Account Name: guest (highlighted with red box 5).
- Miscellaneous:** Reset Button: [?] Enable. Latitude: . Longitude: .
- Change Button:** A 'Change' button is highlighted with red box 6.

- 1 - Comprovar la versió del firmware: Nano Beam v5.5.10, Nano Bridge v5.5.6
- 2 - Device Name : el que tinguem posat a la pàgina del node.
- 3 - TimeZone : CentralEuropeanTime
- 4 - Administrador Username: admin i canviar el psw.
- 5 - Read Only Account Name : guest - guest
- 6 - Premer i després

NanoBridge M5 airOS™

MAIN WIRELESS NETWORK ADVANCED **SERVICES** SYSTEM Tools: Logout

Ping Watchdog **SNMP Agent**

Ping Watchdog: Enable
 IP Address To Ping:
 Ping Interval: 300 seconds
 Startup Delay: 300 seconds
 Failure Count To Reboot: 3
 Save Support Info:

Web Server **SSH Server**

Web Server: Enable
 Secure Connection (HTTPS): Enable
 Secure Server Port: 443
 Server Port: 80
 Session Timeout: 15 minutes

SSH Server: Enable
 Server Port: 22
 Password Authentication: Enable
 Authorized Keys:

Telnet Server **NTP Client**

Telnet Server: Enable
 Server Port: 23

NTP Client: Enable
 NTP Server: 10.228.203.104

Dynamic DNS **System Log**

Dynamic DNS: Enable
 Host Name:
 Username:
 Password: Show

System Log: Enable
 Remote Log: Enable
 Remote Log IP Address:
 Remote Log Port: 514

Device Discovery

Discovery: Enable
 CDP: Enable

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- 1 - SNMP Agent : Enabled
- 2 - SNMP Comunity : public
- 3 - Contact : guifi@guifi.net
- 4 - Location : Nom del node (BCN-----)
- 5 - NTPClient : Enable
- 6 - NTP server : 10.228.203.104 (bcn.guifi.net)
- 7 - System Log: Enable

8 - Premer i després

NanoBridge M5 airOS™

MAIN WIRELESS NETWORK **ADVANCED** SERVICES SYSTEM Tools: Logout

Advanced Wireless Settings

RTS Threshold: [?] 2346 Off

1 Distance: [?] miles (0.8 km) Auto Adjust

Aggregation: [?] 32 Frames 50000 Bytes Enable

Multicast Data: [?] Allow All

Multicast Enhancement: [?] Enable

2 Installer EIRP Control: [?] Enable

Extra Reporting: [?] Enable

Client Isolation: [?] Enable

Sensitivity Threshold, dBm: [?] -96 Off

Advanced Ethernet Settings

3 LAN0 Speed: [?]

Signal LED Thresholds

| | LED1 | LED2 | LED3 | LED4 |
|----------------------|------|------|------|------|
| Thresholds, dBm: [?] | - 70 | - 67 | - 64 | - 61 |

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Si es un Nano Bridge : no cal fer res.

Si es un Nano Beam :

- 1 - Distance : marcar Auto Adjust
- 2 - Installer EIRP Control : Marcar Enable
- 3 - LAN0 Speed : 100 Mb full (si esta connectada a una Omnitik per cable)
- 4 - Thresholds, dBm : 70 67 64 61

5 - Premer i després

The screenshot shows the configuration page for a Ubiquiti NanoBridge M5. The 'NETWORK' tab is active. The configuration is as follows:

- Network Role:** Network Mode: Bridge, Disable Network: None.
- Configuration Mode:** Configuration Mode: Advanced.
- Management Network Settings:** Management Interface: LAN0, Management IP Address: Static (10.228.203.105), Netmask: 255.255.255.224, Gateway IP: 10.228.203.97, Primary DNS IP: 10.228.203.104, Auto IP Aliasing: Enable.
- IP Aliases:** A table with one entry: Interface LAN0, IP Address 192.168.1.20, Netmask 255.255.255.0, Comment backup.
- VLAN Network:** A table with one entry: Interface LAN0, VLAN ID 4, Comment transit.
- Bridge Network:** A table with one entry: Interface BRIDGE0, Ports WLAN0, LAN0.4.
- Change Button:** A 'Change' button is located at the bottom right of the configuration area.

1 - Network mode : Bridge

2 - Disable Network : None

3 - Configuration mode : Advanced

4 - VLAN Network: Enabled, Interface LAN0 , VLAN ID Afegir la VLAN del router Omnitik per el transit
Premer **ADD**

5 - Bridge Network : Esborrar LAN0, deixar sols WLAN0 i la WLAN del transit, qu es la que hem definit a LAN0

6 - Management Interface: LAN0

7 - Management Ip Adress: marcar Static

8 - IP adress : 10.xxx.xxx.xxx

9 - Netmask : 255.255.255.224 o 240 segons com estigui el router a la web /27 - 224. /28 - 240

10 - GateWayIP : segons la web, connexió del trasto amb la principal

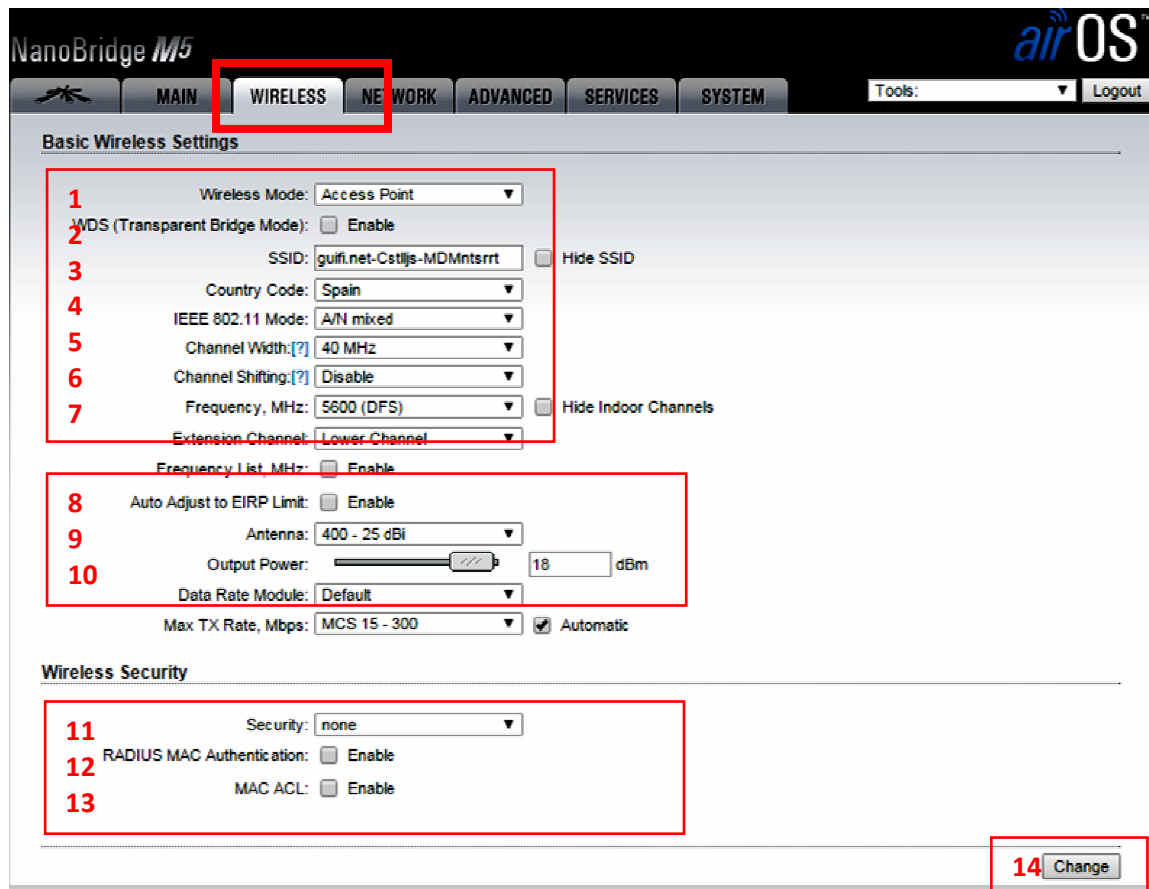
11- Prymari DNS : El de Barcelona 10.228.203.104 i un segon opcional

12- Auto IP Aliassing : Auto

13 - IP Aliases : Marcar Enabled , Interface LAN0, IP adress 192.168.1.20 Mask 255.255.255.0 i premer **ADD**

14 - Premer **Change** i després **Aply**

Si es ACCES POINT

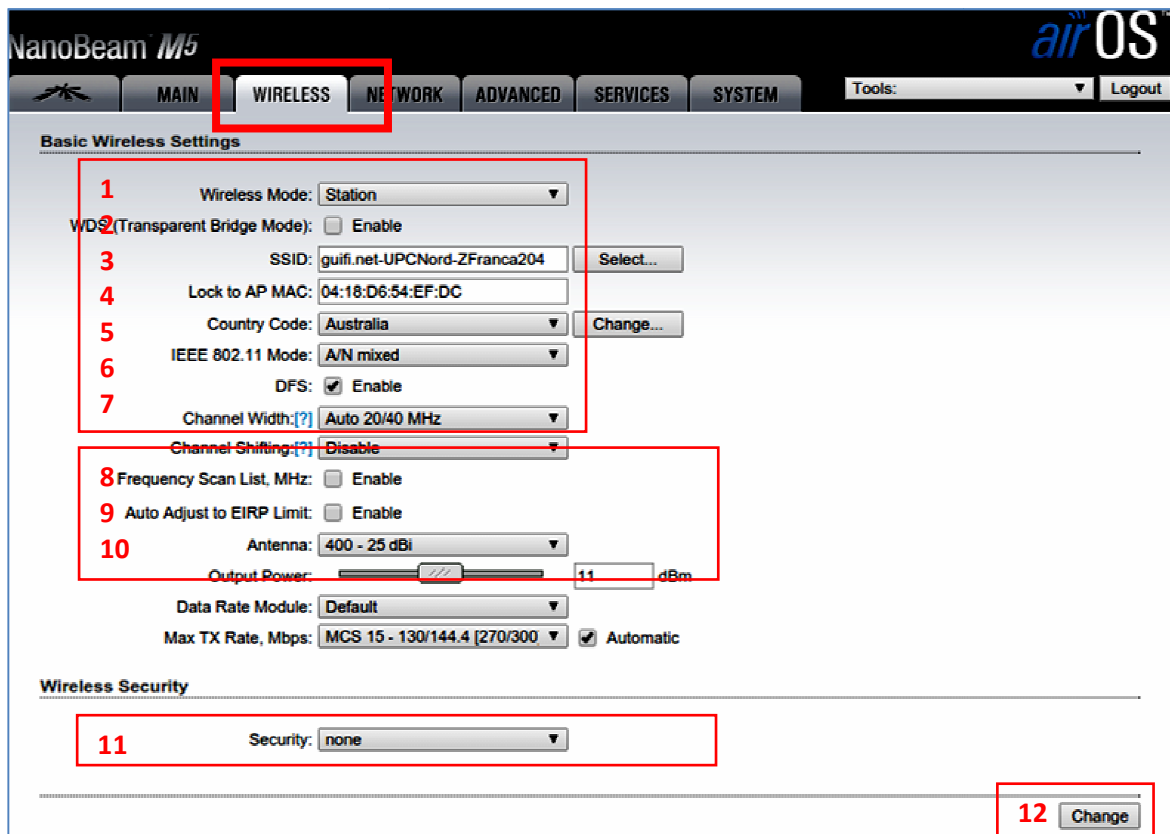


- 1 - Wireless Mode : Access Point
- 2 -WDS (Transparent Bridge Mode) : Enable NO (si es infraestructura BGP)
- 3 - SSID : El de la web (guifi.net-xxxxxxxxxxxx)
- 4 - Country Code : Spain (*)
- 5 - IEEE 802.11 Mode : A/N mixed
- 6 - Channel Width : 40 MHz
- 7 - Frequency MHz : + de 5500
- 8 - Auto Adjust to EIRP limit : Enable NO
- 9 - Antena : segons el model
- 10 - Output Power : màxim

Wireless Security

- 11 - Security: None
- 12 - MAC ACL : Enable YES
- 13 - Polyci ; Alow, premer **ACL** Afegir la Mac address de la Nano Beam de l'altre banda i prémer **SAVE**
- 14 - Prémer **Change** i després **Aply**

Si es STATION



- 1 - Wireless Mode : Station
- 2 -WDS (Transparent Bridge Mode) : Enable NO (si es infraestructura BGP)
- 3 - SSID : El de la web (guifi.net-xxxxxxxxxxxx) (el que tingueu posat a la pàgina del node)
- 4 - Country Code : Spain (*)
- 5 - IEEE 802.11 Mode : A/N mixed
- 6 - DFS : Enable
- 7 - Channel Width : Auto 20/40 MHz
- 8 - Frequency Scan List Mhz : Enable NO
- 9 - Auto Adjust to EIRP limit : Enable NO
- 10 - Antena : segons el model

Wireless Security

- 11 - Security: None

12 - Prémer **Change** i després **Aply**

(*) En alguns casos pot ser interessant posar com "country code" el 36 Australia.