# Point to Point Nano Station M5 (Access and Station point) Configuration

# How to Configure Access Point ?

# Step 1:

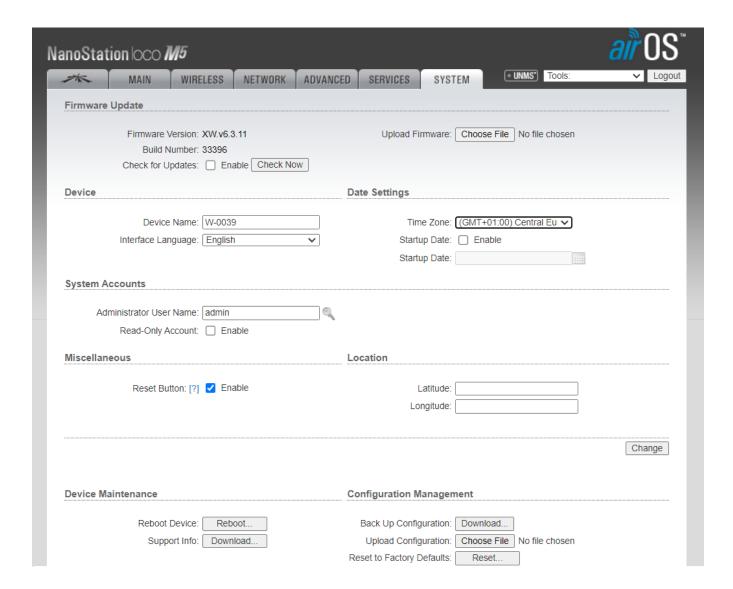
Login the Device in web browser using IP address and Password



#### Step 2:

# Go to the SYSTEM

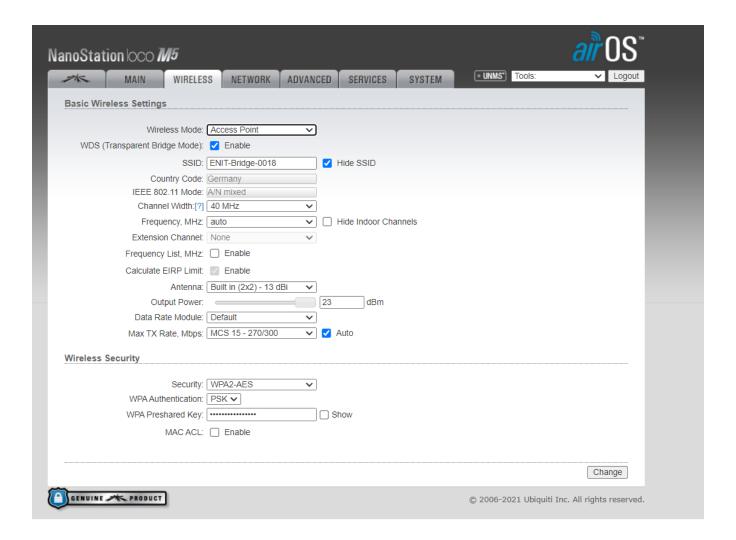
- Firmware Update:
  - Check the Latest Version is Updated or not. If its not Must have to Update Latest Firmware Nano Station.
- Device
- Set the Device Name, Language and Time Zone.
- System Accounts:
  - Change the default Password



# Step 3:

# Go to the WIRELESS

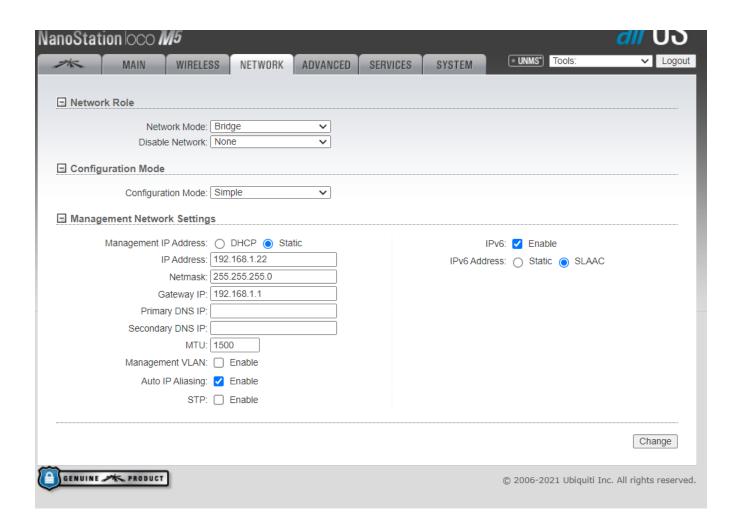
- Basic Wireless Settings
  - O Wireless Mode Change to Access Point
  - WDS (Transparent Bridge Mode) Enable the Option



# Step 4:

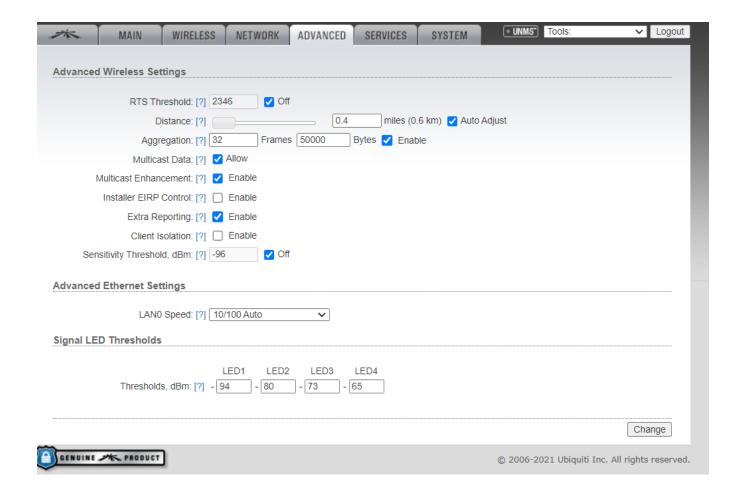
# Go to the **NETWORK**

- Network Role
  - Network Mode Choose Bridge
  - O Disable Network None
- Configuration Mode
  - Configuration Mode Choose Simple
- Management Network Settings
  - Management IP Address Choose Static and Enter IP Address details



# Step 5:

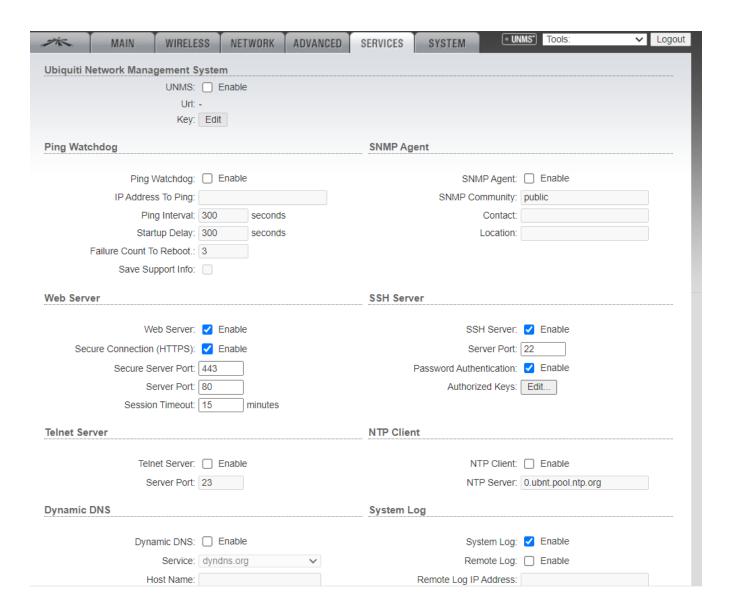
ADVANCED No Need to change anything.



# Step 6:

# Go to the **SERVICE**

• There are some services that are offered by default and if we need, activate the service.



# **Example: SSH Server**

■ With this service we can access the device via Putty

```
# No. 10.1.22 AMTY

# Administry.10.1.22 paraword:

# Administry.10.22 paraword:

# Administ
```

# Step 7:

Once the changes have been made, select Changes and Apply

Note: The Device will Restart Automatically

# How to Configure Station Point ?

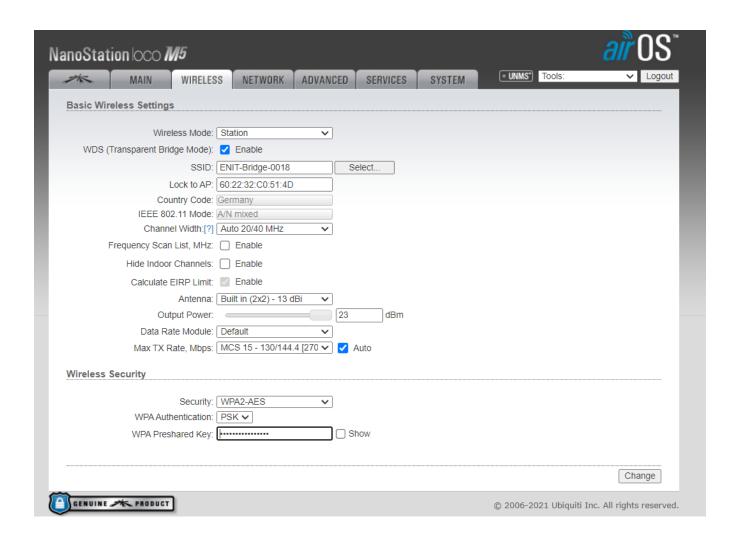
- System
- Network
- Advanced
- Services
  - o All are same steps like Access Point Configuration
- WIRELESS
  - o Basic Wireless Settings
    - Wireless Mode Change to Station
    - WDS (Transparent Bridge Mode ) Enable the Option
    - SSID Choose the Select option
      - Then select the access point (which access point should communicate)

anned Frequencies:
5 18GHz 5 185GHz 5 19GHz 5 195GHz 5 2GHz 5 205GHz 5 21GHz 5 215GHz 5 22GHz 5 225GHz 5 23GHz 5 235GHz 5 24GHz 5 25GHz 5 25GH

|                   |                    |             |                |            | Signal /   | Frequency, GHz / |
|-------------------|--------------------|-------------|----------------|------------|------------|------------------|
| MAC Address       | SSID               | Device Name | Radio Mode     | Encryption | Noise, dBm | Channel          |
| 60:22:32:C0:51:4D |                    | W-0039      | 802.11n airMAX | WPA2       | -49 / -97  | 5.185 / 37       |
| 60:22:32:C0:51:4D | ENIT-Bridge-0018   | W-0039      | 802.11n airMAX | WPA2       | -49 / -97  | 5.185 / 37       |
| 60:22:32:C0:51:0C | ENIT-Bridge-0017   | W-0037      | 802.11n airMAX | WPA2       | -61 / -96  | 5.18 / 36        |
| 00:4E:35:88:1B:F0 | pick_mde           |             | 802.11ac       | WPA2       | -59 / -96  | 5.2 / 40         |
| 00:4E:35:88:1B:F2 | Zalando_Operations |             | 802.11ac       | WPA2       | -59 / -96  | 5.2 / 40         |
| 7C:57:3C:CF:24:54 | pick_mde           |             | 802.11ac       | WPA2       | -79 / -96  | 5.26 / 52        |
| 7C:57:3C:CF:24:50 | Zalando_Air        |             | 802.11ac       | WPA2       | -79 / -96  | 5.26 / 52        |
| 7C:57:3C:CF:24:53 | Zalando_Guest      |             | 802.11ac       | NONE       | -78 / -96  | 5.26 / 52        |
| 00:4E:35:85:9E:F0 | Zalando_Air        |             | 802.11ac       | WPA2       | -71 / -96  | 5.3 / 60         |
| 00:4E:35:85:9E:F4 | pick_mde           |             | 802.11ac       | WPA2       | -71 / -96  | 5.3 / 60         |
| 00:4E:35:85:9E:F3 | Zalando_Guest      |             | 802.11ac       | NONE       | -71 / -96  | 5.3 / 60         |
| E8:26:89:4D:1A:92 | Zalando_Operations |             | 802.11ac       | WPA2       | -90 / -96  | 5.32 / 64        |
| 7C:57:3C:CF:62:D0 | Zalando_Air        |             | 802.11ac       | WPA2       | -89 / -96  | 5.52 / 104       |
| 7C:57:3C:CF:62:D4 | pick_mde           |             | 802.11ac       | WPA2       | -85 / -96  | 5.52 / 104       |
| 7C:57:3C:CF:62:D3 | Zalando_Guest      |             | 802.11ac       | NONE       | -84 / -96  | 5.52 / 104       |
| 00:4E:35:86:FF:30 | Zalando_Air        |             | 802.11ac       | WPA2       | -84 / -96  | 5.58 / 116       |
| 00:4E:35:85:D0:B0 | Zalando_Air        |             | 802.11ac       | WPA2       | -64 / -96  | 5.58 / 116       |
| 00:4E:35:86:FF:31 | Zalando_Operations |             | 802.11ac       | WPA2       | -84 / -96  | 5.58 / 116       |
| 00:4E:35:86:FF:34 | pick_mde           |             | 802.11ac       | WPA2       | -85 / -96  | 5.58 / 116       |
| 00:4E:35:85:D0:B3 | Zalando_Guest      |             | 802.11ac       | NONE       | -62 / -96  | 5.58 / 116       |
| 00:4E:35:86:FF:33 | Zalando_Guest      |             | 802.11ac       | NONE       | -84 / -96  | 5.58 / 116       |

Lock to AP Select Scan

- Select the Lock to AP.
- Wireless Security:
  - Security Which authentication we need to choose and configure



When all steps are complete, select Change and then Apply.

Note: The Device will Restart Automatically

# Verification:

• Once everything is done, we need to pass on the device's MAC address to the Berlin network team, which will then integrate the device into our Zalando network and enable Internet access.

o IP can able to ping

```
Pinging 192.168.1.22 with 32 bytes of data:

Reply from 192.168.1.22: bytes=32 time=2ms TTL=64
Reply from 192.168.1.22: bytes=32 time=1ms TTL=64
Reply from 192.168.1.22: bytes=32 time=2ms TTL=64
```

o Both Device LED light is blinking



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