

## 1. Configuration in the controller:

Configure the ip configurations for the controller:

The screenshot shows the configuration interface for a Netgear WMS5316 ProSafe 16AP. The top navigation bar includes 'Configuration', 'Monitoring', 'Maintenance', 'Diagnostics', and 'Support'. The main menu shows 'System', 'Access Point Discovery', 'Access Point Groups', 'Wireless', 'Security', and 'Guest Access'. The left sidebar has 'Basic' (General, Time, IP Settings, VLAN Settings, DHCP Server Settings) and 'Advanced'. The main content area is titled 'IP Settings' and contains a form with the following fields:

Field	Value
IP Address	10.208.55.250
IP Subnet Mask	255.255.255.0
Default Gateway	10.208.55.1
Primary DNS Server	10.208.55.1
Secondary DNS Server	10.208.55.2

At the bottom right of the page, there are 'CANCEL' and 'APPLY' buttons.

## 2. Configuration in the AP:

i. Turn off the Business Central mode:

The screenshot shows the configuration interface for a Netgear WNDAP350 ProSafe Dual Band Wireless N Access Point. The top navigation bar includes 'Configuration', 'Monitoring', 'Maintenance', and 'Support'. The main menu shows 'System', 'IP', 'Wireless', 'Security', and 'Wireless Bridge'. The left sidebar has 'Basic' (General, Time) and 'Advanced'. The main content area is titled 'General' and contains two sections:

**General**

Access Point Name	netgear13E1A8
Country / Region	United States

**Business Central Settings**

Business Central Enabled:  Yes  No

[Click here to open Business Central Management](#)

NOTE: If Business Central Enabled is set to Yes, this Access Point will periodically attempt to contact NETGEAR Business Central Wireless Server to check if this Access Point has been registered for Business Central management.

At the bottom right of the page, there are 'CANCEL' and 'APPLY' buttons.

ii. Turn on the SNMP in the AP:

Configuration | Monitoring | **Maintenance** | Support

Password | Reset | **Remote Management** | Upgrade

SNMP

SNMP Settings

SNMP  Enable  Disable

Read-Only Community Name

Read-Write Community Name

Trap Community Name

IP Address to Receive Traps

Trap Port

[CANCEL](#) [APPLY](#)

### 3. Managing the AP in the IP discovery of Controller:

i. Discover the AP in the IP discovery of the controller.

**NETGEAR**  
Connect with Innovation™

**WMS5316**  
ProSafe 16AP  
Wireless Management System  
[LOGOUT](#)

Configuration | Monitoring | Maintenance | **Diagnostics** | Support

System | **Access Point Discovery** | Access Point Groups | Wireless | Security | Guest Access

Discover Access Point

Access Point Discovery

Auto Discovery | **IP Discovery**

Start IP

End IP

Note: Access Point IP addresses should be reachable from WMS5316.

[CANCEL](#) [SEARCH](#) [ADD](#)

ii. Add the discovered AP to the Controller.

**NETGEAR**  
Connect with Innovation™

**WMS5316**  
ProSafe 16AP  
Wireless Management System  
[LOGOUT](#)

Configuration | Monitoring | Maintenance | **Diagnostics** | Support

System | **Access Point Discovery** | Access Point Groups | Wireless | Security | Guest Access

Discover Access Point

Access Point Discovery

Auto Discovery | **IP Discovery**

Start IP

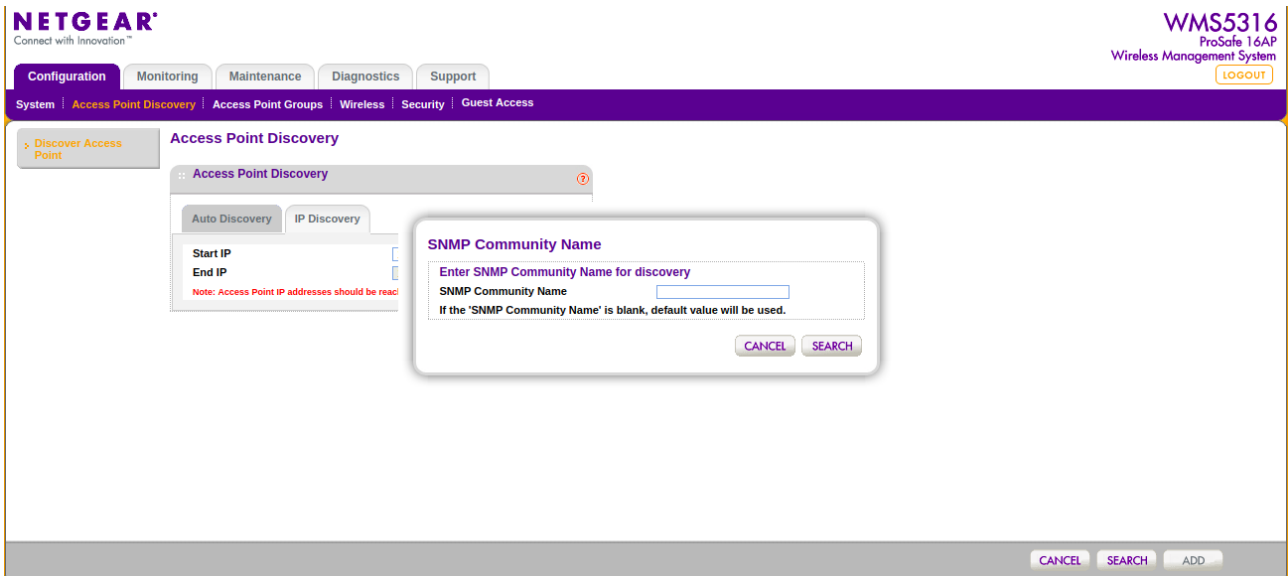
End IP

Note: Access Point IP addresses should be reachable from WMS5316.

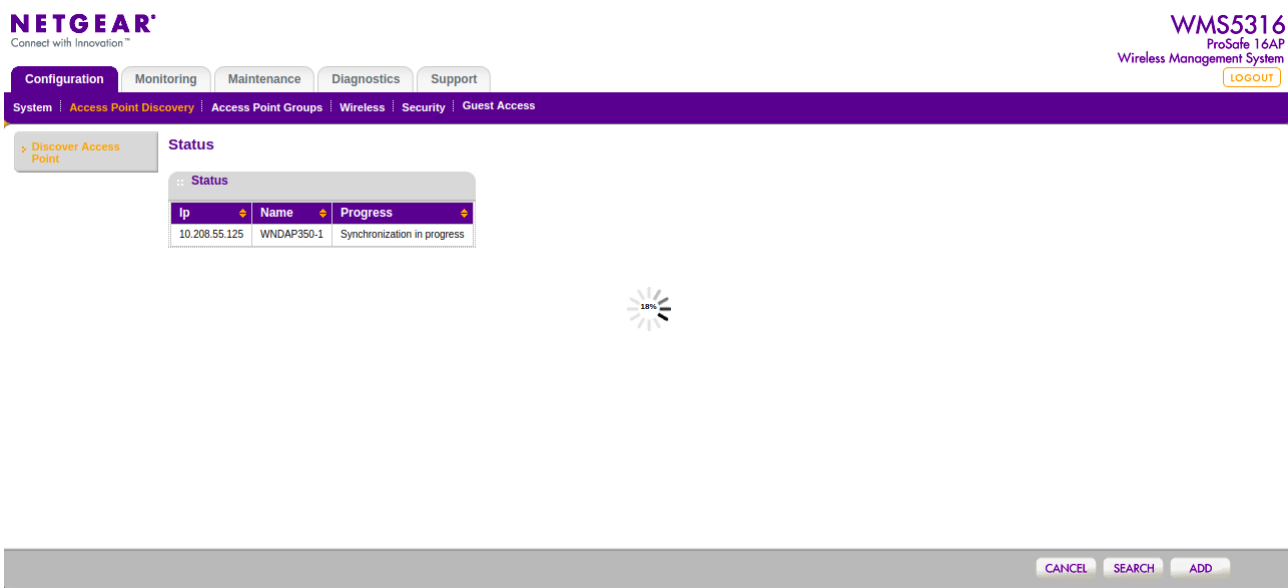
<input type="checkbox"/>	Model	Ip	Mac	New ip
<input type="checkbox"/>	WNDAP350	10.208.55.126	e0:91:15:13:bc:88	<input type="text"/>

[CANCEL](#) [SEARCH](#) [ADD](#)

iii. Keep the SNMP empty, by default it will in public. Press search button.



iv. Add the AP's password to the controller and make it managed to AP. Synchronisation will start.



v. Once the synchronisation is finished, the AP will come into connected state.

- Basic
- Managed List
- Advanced

Managed Access Point List

Managed Access Points List

Edit	Ip	Mac	Model	Name	Group name	Synchronised	Status	
<input checked="" type="radio"/>	10.208.55.117	e0:91:15:13:e1:a8	WNDAP350	netgear13E1A8	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.18	e0:91:15:13:dc:88	WNDAP350	WNDAP350-ad0371	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.125	00:26:f2:8b:2c:c8	WNDAP350	WNDAP350-1	basic	Yes	Connected	<input type="checkbox"/>

CANCEL EDIT REMOVE

**Scenario of Authentication failure :**

i. Password must be same in Controller and AP. While managing the provide the password correctly in the Pop-up.

- Discover Access Point

Access Point Discovery

Access Point Discovery

Auto Discovery | IP Discovery

Search Unmanaged Access Points in local network

<input checked="" type="checkbox"/>	Model	Ip	Mac
<input checked="" type="checkbox"/>	WNDAP350	10.208.55.126	e0:91:15:13:b...

**Password**

Enter access point password

Password

If the password field is blank, the default password will be used to login to all APs.

CANCEL ADD

CANCEL SEARCH ADD

ii. Logout from the AP UI if you have logged in and try managing the AP to the controller. Don't login to the AP while managing.

## Suggestion to recover from the Authentication failure:

The screenshot shows the Netgear WMS5316 ProSafe 16AP Wireless Management System interface. The top navigation bar includes 'Configuration', 'Monitoring', 'Maintenance', 'Diagnostics', and 'Support'. The main menu includes 'System', 'Access Point Discovery', 'Access Point Groups', 'Wireless', 'Security', and 'Guest Access'. The 'Managed Access Point List' is displayed, showing a red warning message: 'Synchronization failed for 10.208.55.125'. Below the message is a table of Managed Access Points:

Edit	Ip	Mac	Model	Name	Group name	Synchronised	Status	
<input checked="" type="radio"/>	10.208.55.117	e0:91:f5:13:e1:a8	WNDAP350	netgear13E1A8	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.18	e0:91:f5:13:dc:88	WNDAP350	WNDAP350-ad0371	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.126	e0:91:f5:13:bc:88	WNDAP350	WNDAP350-ad0377	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.125	00:26:12:8b:2c:c8	WNDAP350	WNDAP350-ad0377d	basic	No	Authentication failure	<input type="checkbox"/>

At the bottom of the interface, there are buttons for 'CANCEL', 'EDIT', and 'REMOVE'.

1. Select the AP which is in non-authenticated state.

The screenshot shows the Netgear WMS5316 ProSafe 16AP Wireless Management System interface. The top navigation bar includes 'Configuration', 'Monitoring', 'Maintenance', 'Diagnostics', and 'Support'. The main menu includes 'System', 'Access Point Discovery', 'Access Point Groups', 'Wireless', 'Security', and 'Guest Access'. The 'Managed Access Point List' is displayed, showing a table of Managed Access Points. The AP at IP 10.208.55.125 is selected, indicated by a checked radio button in the 'Edit' column:

Edit	Ip	Mac	Model	Name	Group name	Synchronised	Status	
<input checked="" type="radio"/>	10.208.55.117	e0:91:f5:13:e1:a8	WNDAP350	netgear13E1A8	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.18	e0:91:f5:13:dc:88	WNDAP350	WNDAP350-ad0371	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.126	e0:91:f5:13:bc:88	WNDAP350	WNDAP350-ad0377	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.125	00:26:12:8b:2c:c8	WNDAP350	WNDAP350-ad0377d	basic	No	Authentication failure	<input checked="" type="checkbox"/>

At the bottom of the interface, there are buttons for 'CANCEL', 'EDIT', and 'REMOVE'.

2. Make sure the gateway is configured and password of the AP is correct.

The screenshot shows the 'Edit Access Point Info' configuration page in the Netgear WMS5316 interface. The page is divided into three sections: Access Point Info, IP Settings, and Vlan Settings. The 'Access Point Info' section contains fields for Name (netgear13E1A8), Model (WNDAP350), User Name (admin), Password (masked with asterisks), and Group (basic). The 'IP Settings' section includes radio buttons for DHCP Client (enable/disable), IP Address (10.208.55.117), Subnet Mask (255.255.255.0), and Default Gateway (10.208.55.1). The 'Vlan Settings' section has checkboxes for Untagged VLAN (checked, value 1) and Management VLAN (value 1). At the bottom right, there are buttons for CANCEL, BACK, and APPLY.

3. Wait for 2 to 3 minutes, Controller will automatically start the sync process again and make the AP into connected state.

The screenshot shows the 'Managed Access Point List' configuration page in the Netgear WMS5316 interface. It displays a table with the following data:

Edit	Ip	Mac	Model	Name	Group name	Synchronised	Status	
<input checked="" type="radio"/>	10.208.55.117	e0:91:f5:13:e1:a8	WNDAP350	netgear13E1A8	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.18	e0:91:f5:13:dc:88	WNDAP350	WNDAP350-ad0371	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.126	e0:91:f5:13:bc:88	WNDAP350	WNDAP350-ad0377	basic	Yes	Connected	<input type="checkbox"/>
<input type="radio"/>	10.208.55.125	00:26:f2:8b:2c:c8	WNDAP350	WNDAP350-ad0377d	basic	Yes	Connected	<input type="checkbox"/>

At the bottom right, there are buttons for CANCEL, EDIT, and REMOVE.