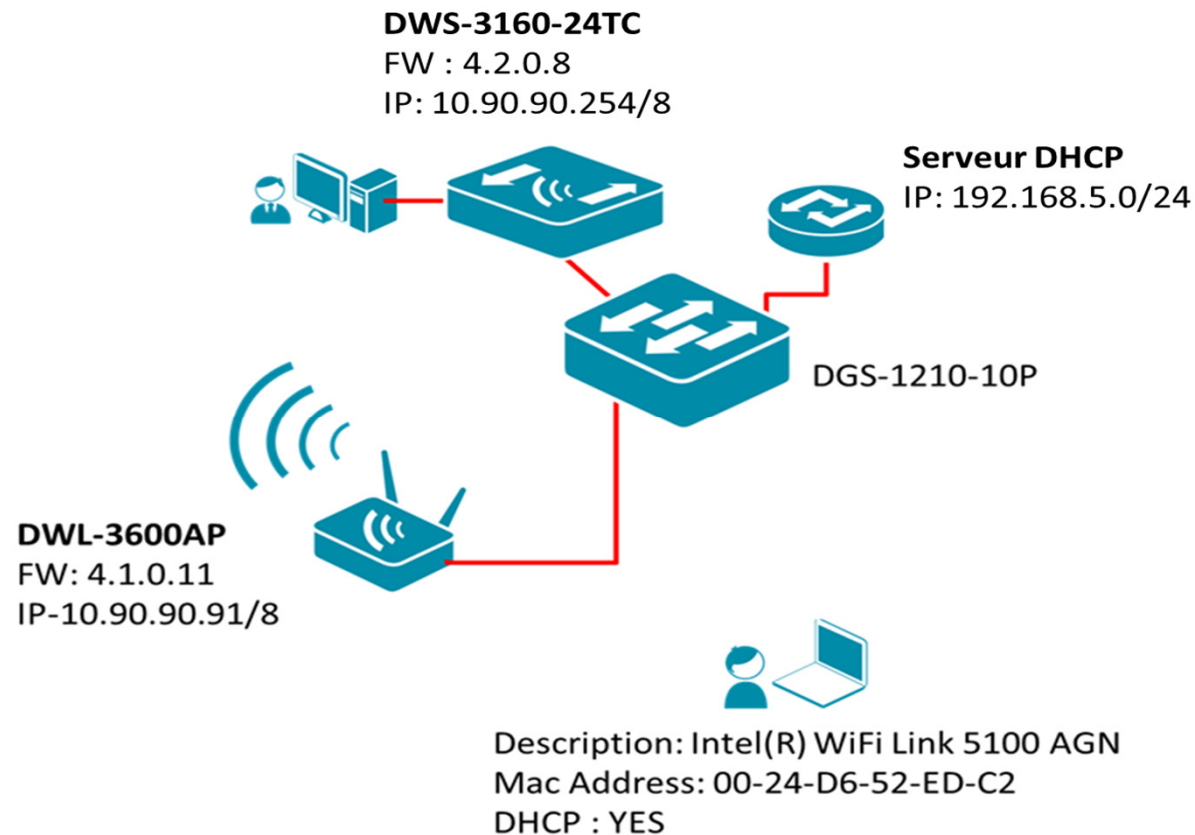




Comment faire du filtrage par adresse MAC sur un DWS-3160 ?

Topologie Proposée

→ Nous allons paramétrer le filtrage par adresse Mac, selon l'exemple ci-dessous:



Paramétrage du SSID

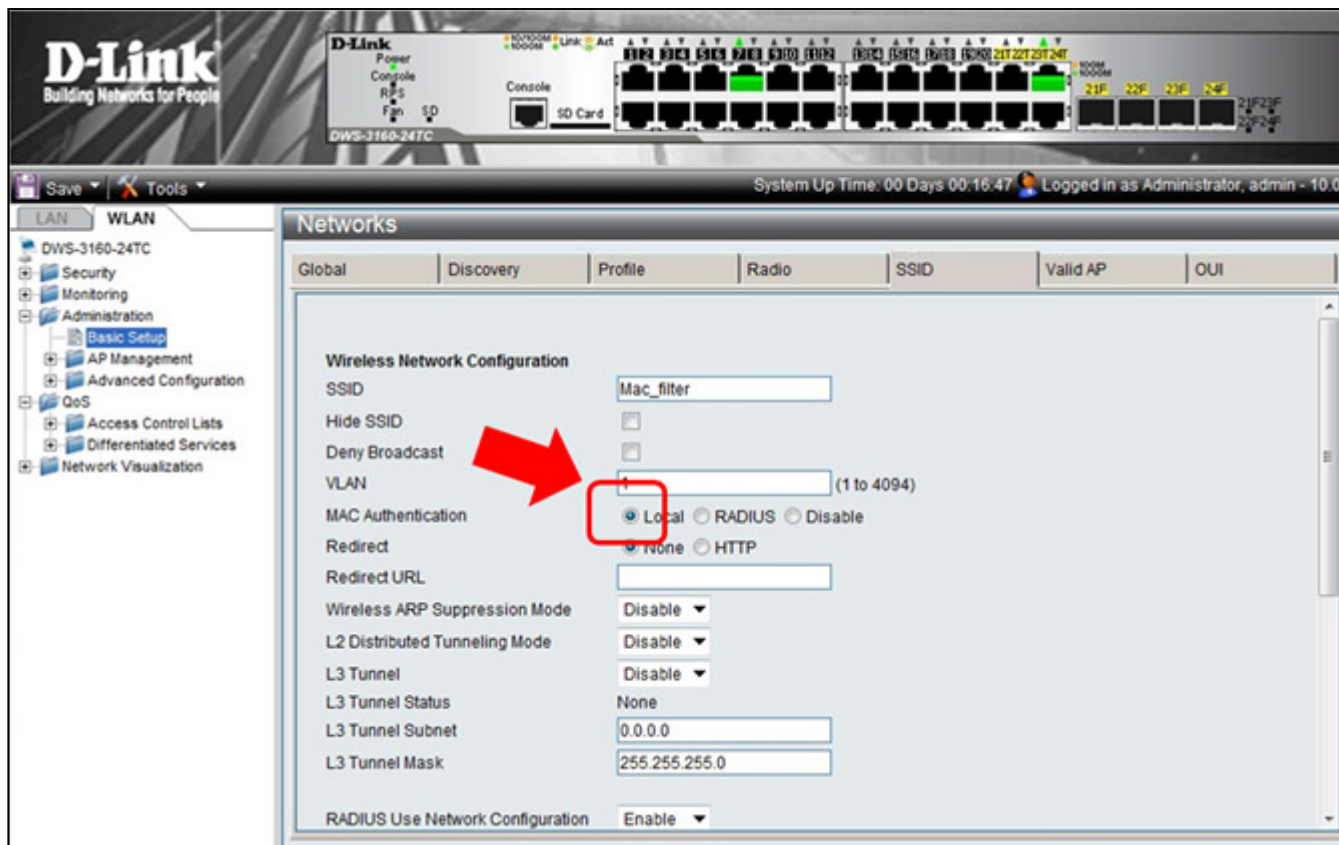
- Dans le menu « **Basic Setup** » > **SSID** » ,
- Sélectionnez et éditez le SSID « **Mac_Filter** ».

The screenshot shows the 'Basic Setup' page for a D-Link device, specifically the 'SSID' tab. The 'Wireless Default VAP Settings' are set to '2-802.11b/g/n'. A table lists various SSIDs, with '1-Mac_filter' selected and its 'Edit' button highlighted by a red box and a red arrow.

Network	VLAN	L3 Tunnel	Hide SSID	Security	Redirect
<input checked="" type="checkbox"/> 1-Mac_filter <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 2-dlink2 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 3-dlink3 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 4-dlink4 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 5-dlink5 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 6-dlink6 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 7-dlink7 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 8-dlink8 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 9-dlink9 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None
<input type="checkbox"/> 10-dlink10 <input type="button" value="Edit"/>	1-default	Disabled	Disabled	None	None

Choix du type d'authentification

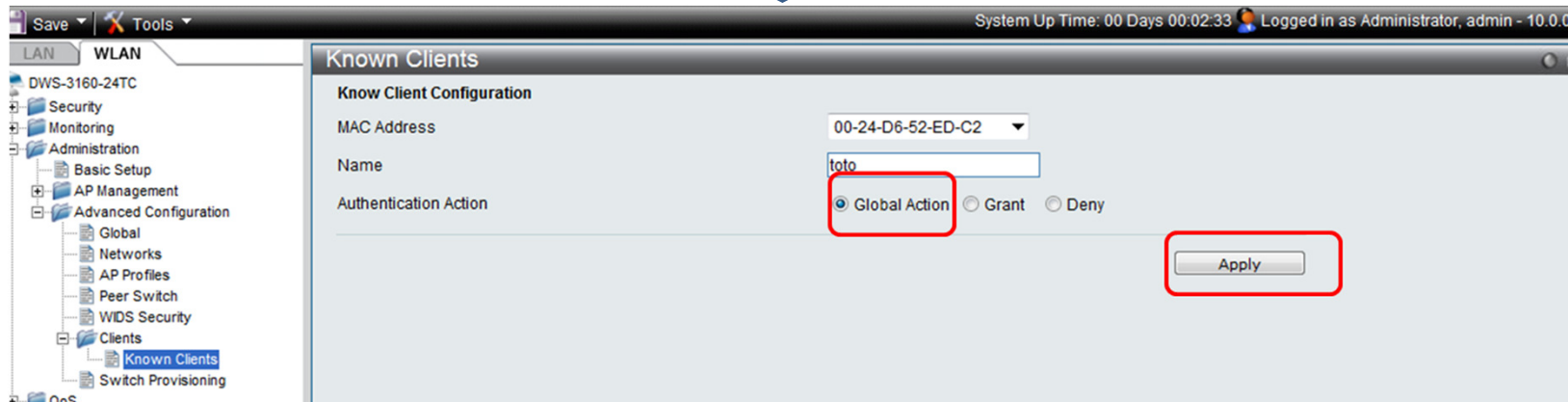
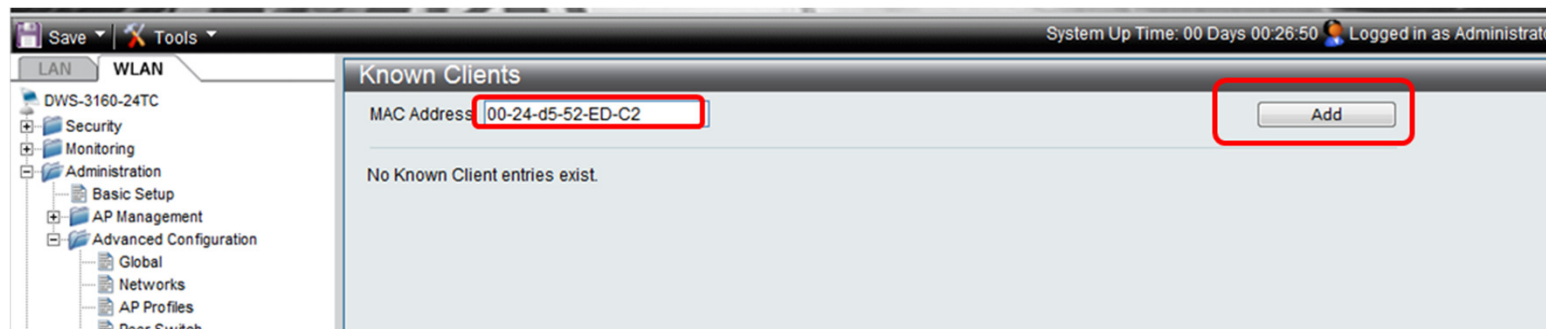
- Cochez pour l'authentification MAC la case « **local** », afin que le filtrage des adresses MAC soit g er par une liste d finie dans le DWS-3160.
- et cliquez sur « **Apply** ».



Création de la liste des adresses MAC

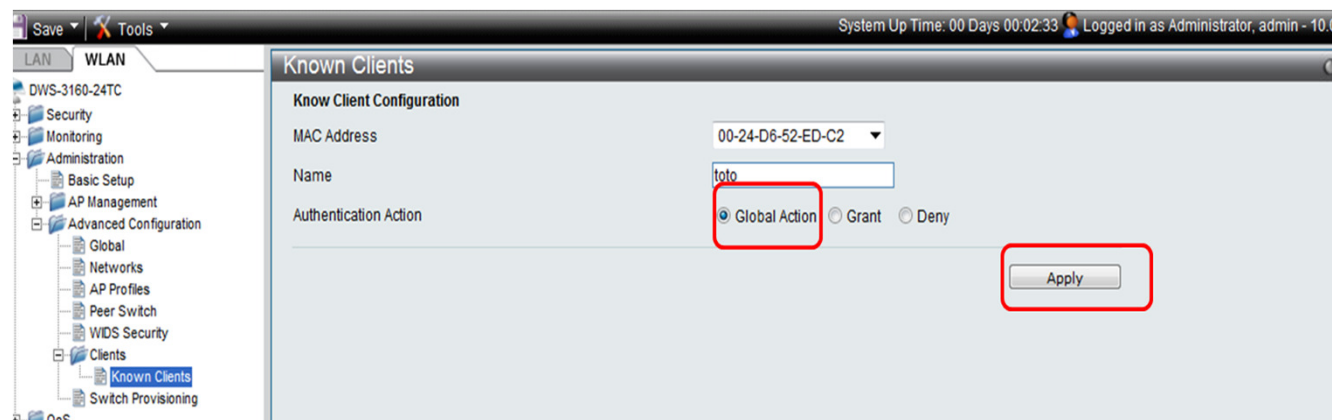
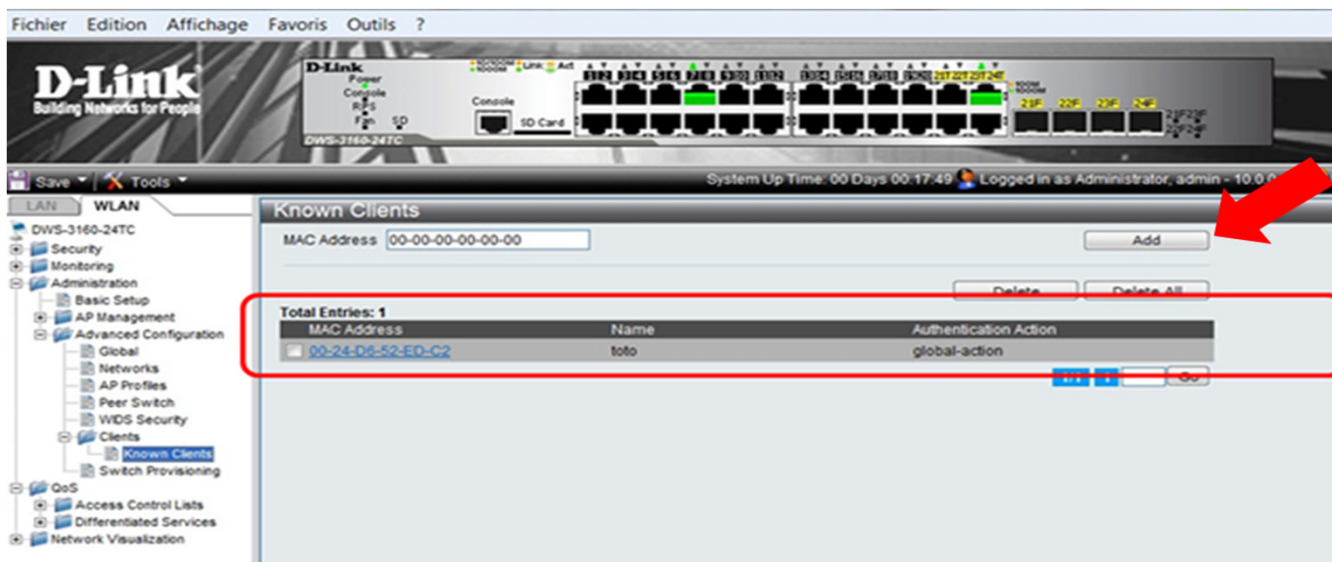
→ Dans le menu « **Clients** » > **Known Clients** », ajoutez les adresses MAC de vos clients et choisissez « **global_action** ».

→ et cliquez sur « **Apply** »



Création de la liste des adresses MAC

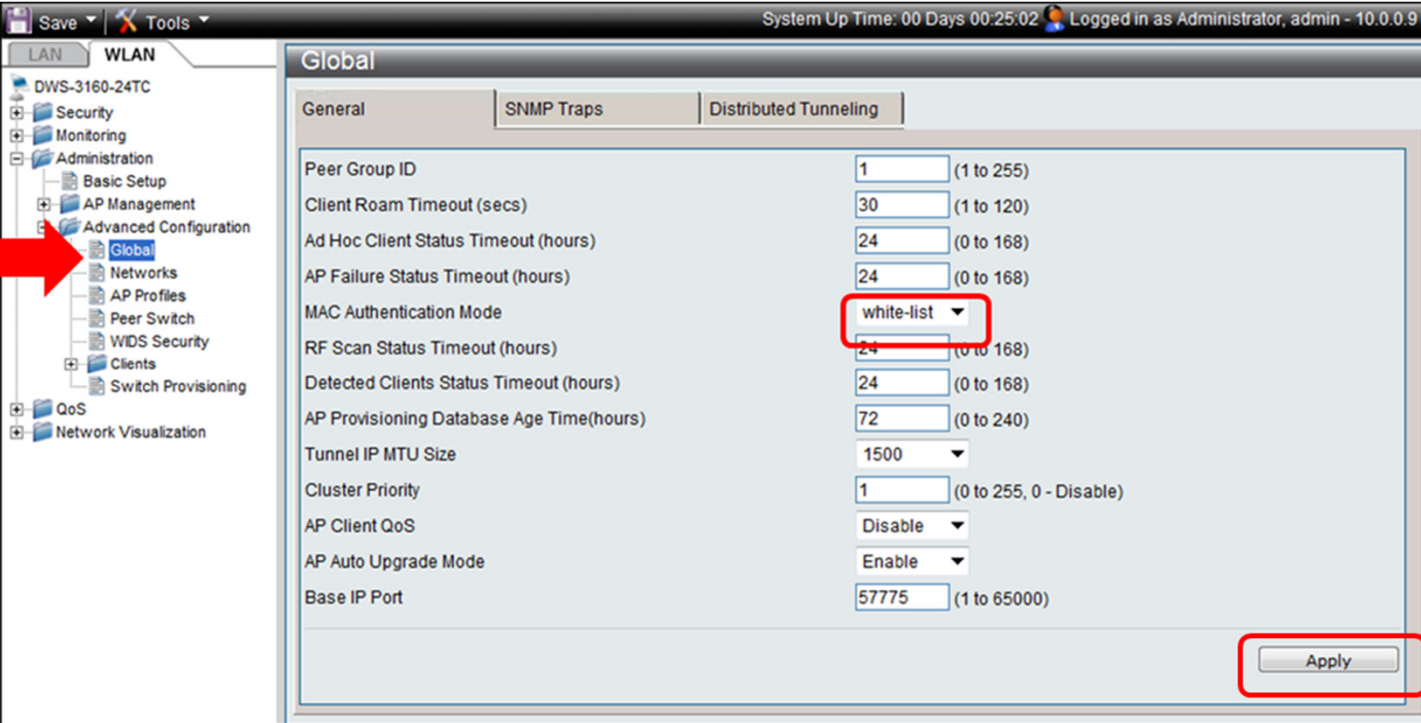
→ Dans le menu « **Clients** » > **Known Clients** », ajoutez les adresses MAC de vos clients et choisissez « **global_action** »



Configuration d'une « White list »

→ Sélectionnez « **Advanced Configuration** >> **Global** ».

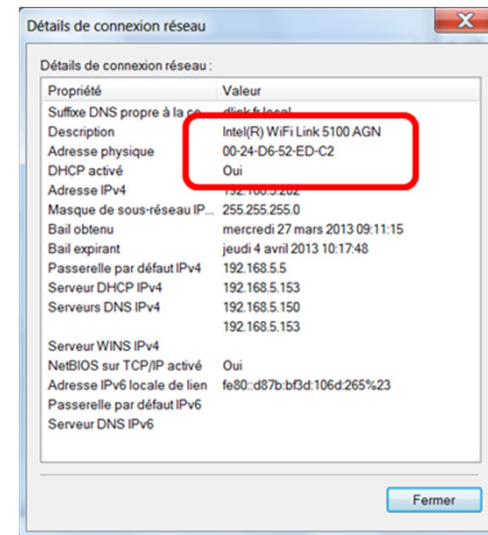
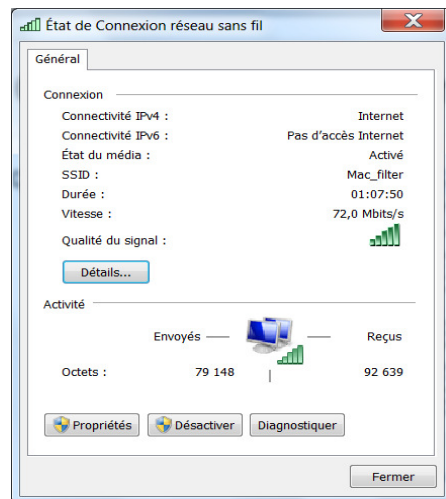
→ Dans ce mode, seul les clients qui sont déclarés dans la liste des « **Known Clients** » seront Autorisés à avoir accès au réseau.



The screenshot displays the D-Link web management interface. On the left, a navigation tree under 'WLAN' shows 'Advanced Configuration' >> 'Global' selected, indicated by a red arrow. The main panel shows the 'Global' configuration page with tabs for 'General', 'SNMP Traps', and 'Distributed Tunneling'. The 'General' tab is active, showing various configuration parameters. The 'MAC Authentication Mode' is set to 'white-list', which is highlighted with a red box. The 'Apply' button at the bottom right is also highlighted with a red box. Other parameters include Peer Group ID (1), Client Roam Timeout (30), Ad Hoc Client Status Timeout (24), AP Failure Status Timeout (24), RF Scan Status Timeout (24), Detected Clients Status Timeout (24), AP Provisioning Database Age Time (72), Tunnel IP MTU Size (1500), Cluster Priority (1), AP Client QoS (Disable), AP Auto Upgrade Mode (Enable), and Base IP Port (57775).

Configuration d'une « White list »

→ Test de connexion:



System Up Time: 00 Days 00:10:13 Logged in as Administrator, admin - 10.0.0.9

LAN WLAN

DWS-3160-24TC

Security

Monitoring

- Global
- Peer Switch
- Access Point
- Client
 - Associated Clients
 - Detected Clients
 - Ad Hoc Clients
- QoS
- Administration
- QoS
- Network Visualization

Associated Clients

Status	SSID Status	VAP Status	Switch Status	Statistics		
Summary						
Detail						
Client QoS						
Neighbor APs						
Distributed Tunneling						
Total Entries: 1						
MAC Address (*)-Peer Associated	AP MAC Address/ BSSID	SSID/ Encryption	Detected IP Address/ NetBIOS Name	Location	Radio/ Channel	Status/ Network Time
<input type="checkbox"/> 00-24-D6-52-ED-C2	CC-B2-55-83-37-00/ CC-B2-55-83-37-00	Mac filter/ None	192.168.5.202/ FR-E6400-YR		2-802.11b/g/n/ 11	Authenticated/ 0d:00:01:03

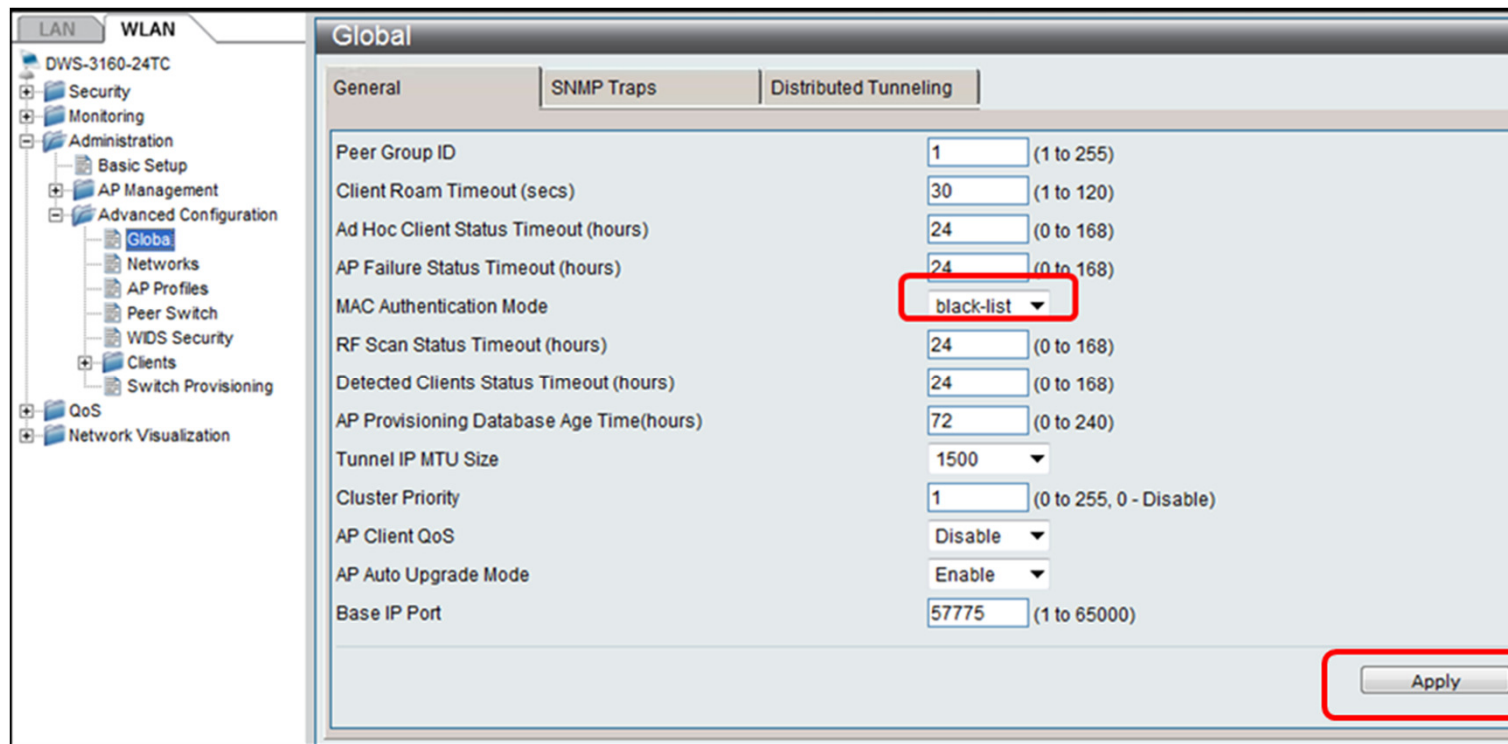
Disassociate Disassociate All

1/1 1 Go

Configuration d'une « Black list »

→ Sélectionnez « **Advanced Configuration** » >> **Global** ».

→ Dans ce mode, tous les clients qui sont déclarés dans la liste des « **Known Clients** » seront filtrés.



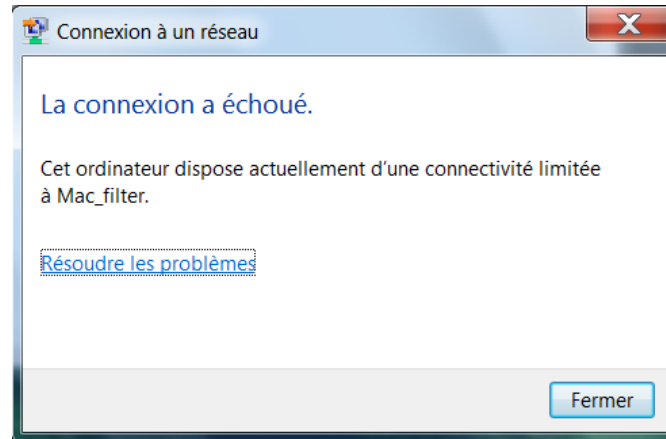
The screenshot displays the configuration interface for a D-Link device, specifically the 'Global' settings under 'Advanced Configuration'. The left sidebar shows a tree view with 'WLAN' selected, and 'Advanced Configuration' expanded to show 'Global'. The main panel shows various configuration options with their current values and ranges:

Parameter	Value	Range
Peer Group ID	1	(1 to 255)
Client Roam Timeout (secs)	30	(1 to 120)
Ad Hoc Client Status Timeout (hours)	24	(0 to 168)
AP Failure Status Timeout (hours)	24	(0 to 168)
MAC Authentication Mode	black-list	
RF Scan Status Timeout (hours)	24	(0 to 168)
Detected Clients Status Timeout (hours)	24	(0 to 168)
AP Provisioning Database Age Time(hours)	72	(0 to 240)
Tunnel IP MTU Size	1500	
Cluster Priority	1	(0 to 255, 0 - Disable)
AP Client QoS	Disable	
AP Auto Upgrade Mode	Enable	
Base IP Port	57775	(1 to 65000)

The 'Apply' button at the bottom right is highlighted with a red box.

Configuration d'une « Black list »

→ Test de connexion:



LAN WLAN

DWS-3160-24TC

- Security
- Monitoring
 - Global
 - Peer Switch
 - Access Point
 - All AP Status
 - Managed AP Status
 - AP Authentication Failure
 - AP RF Scan Status
 - AP De-Authentication At
 - Client
 - Associated Clients**
 - Detected Clients
 - Ad Hoc Clients
 - QoS- Administration
 - QoS
 - Network Visualization

Associated Clients

Status	SSID Status	VAP Status	Switch Status	Statistics		
Summary	Detail	Client QoS	Neighbor APs	Distributed Tunneling		
Total Entries: 1						
MAC Address (*)-Peer	AP MAC Address/	SSID/ Encryption	Detected IP Address/ NetBIOS Name	Location	Radio/ Channel	Status/ Network Time
<input type="checkbox"/> 00-24-D6-52-ED-C2	CC-B2-55-83-37-00/ CC-B2-55-83-37-00	Mac_filter/ None	0.0.0.0/		2-802.11b/g/n/ 6	Disassociated/ 0d:00:00:03

Disassociate Disassociate All

1/1 1 Go

Merci

