

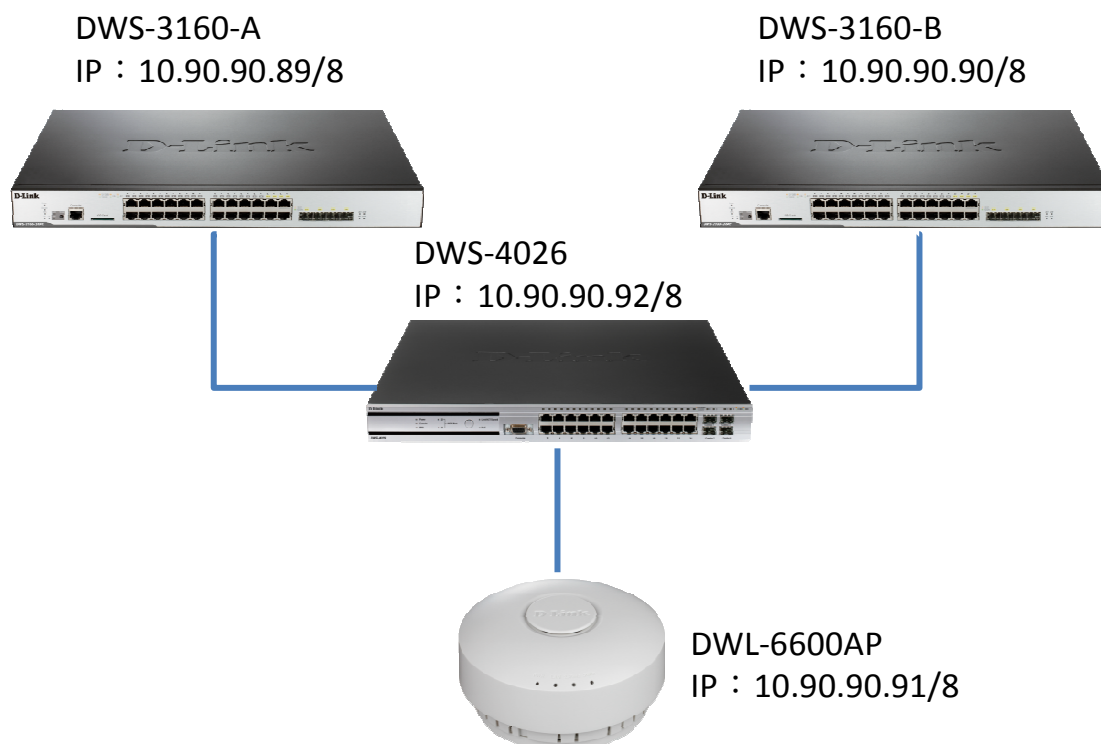
how to use AP Provisioning on DWS-3160 or 4026?

Topology :

DWS-3160A,B Firmware : 4.2.0.7

DWS-4026 Firmware : 4.3.0.1

DWL-6600AP Firmware : 4.2.0.9



Step 1. Go to peer switch and make DWS-3160A and DWS-3160B to be cluster on DWS-3160A(master).

The screenshot shows the D-Link web interface for a DWS-3160-24TC switch. The 'Peer Switch' configuration window is open, displaying the 'Configuration Request' tab. The status is 'Complete'. A table shows the configuration request results:

Peer IP Address	Configuration Request Status
<input checked="" type="checkbox"/> 10.90.90.90	Success
<input type="checkbox"/> 10.90.90.92	Not Started

Buttons for 'Start' and 'Start All' are visible. The system time is 02:21:27 on 2013/10/30.

Step 2. Set up AP to be managed by DWS-3160A.

The screenshot shows the D-Link web interface for a DWS-3160-24TC switch. The 'Managed AP Status' window is open, displaying the 'Summary' tab. The status is 'Managed'. A table shows the managed AP details:

MAC Address (*)	Location	IP Address	Profile	Software Version	Status	Configuration Status	Age
FC-75-16-75-D7-00		10.90.90.91	1-Default	4.2.0.9	Managed	Success	0d:00:00:27

Buttons for 'Delete All' and 'Delete' are visible. The system time is 02:28:58 on 2013/10/30.

Step 3. Set up AP to be managed by DWS-3160B.



The screenshot shows the D-Link web interface for a DWS-3160-24PC switch. The 'Managed AP Status' page is active, displaying a table with one entry for a managed AP. The table columns are: MAC Address (*), Location, IP Address, Profile, Software Version, Status, Configuration Status, and Age. The entry for MAC address FC-75-16-75-D7-00 is shown with a status of 'Managed' and a configuration status of 'Success'.

MAC Address (*)	Location	IP Address	Profile	Software Version	Status	Configuration Status	Age
FC-75-16-75-D7-00		10.90.90.91	1-Default	4.7.0.9	Managed	Success	0d:00:00:05

Step 4. Go to Provisioning and click the AP MAC address.



The screenshot shows the D-Link web interface for a DWS-3160-24TC switch. The 'AP Provisioning' page is active, displaying a table with one entry for an unmanaged AP. The table columns are: MAC Address (*), IP Address, Primary IP Address, Backup IP Address, New Primary IP Address, New Backup IP Address, Status, and Age. The entry for MAC address FC-75-16-75-D7-00 is shown with a status of 'Not Started'. A 'Click' button is overlaid on the MAC address field.

MAC Address (*)	IP Address	Primary IP Address	Backup IP Address	New Primary IP Address	New Backup IP Address	Status	Age
FC-75-16-75-D7-00	10.90.90.91	10.90.90.89	10.90.90.90	0.0.0.0	0.0.0.0	Not Started	0d:00:00:01

Step 5. Setup the New Primary IP address to be 10.90.90.89 and New Backup IP address to be 10.90.90.90.

The screenshot shows the D-Link web management interface for a DWS-3160-24TC switch. The 'AP Provisioning' page is active, displaying configuration for AP FC-75-16-75-D7-00. The configuration includes:

- IP Address: 10.90.90.91
- Time Since Last Update: 0d:00:00:03
- Primary IP Address: 10.90.90.89
- Backup IP Address: 10.90.90.90
- Mutual Authentication Mode: Disable
- Unmanaged AP Re provisioning Mode: Enable
- AP Provisioning Status: Not Started
- AP Certificate and Profile Transmit Status: Not Started
- New Primary IP Address: 10.90.90.89 (checked)
- New Backup IP Address: 10.90.90.90 (checked)
- Profile ID: 1-Default

The 'Apply' button is marked with a red box and the number 1, and the 'Provision the AP' button is marked with a red box and the number 2.

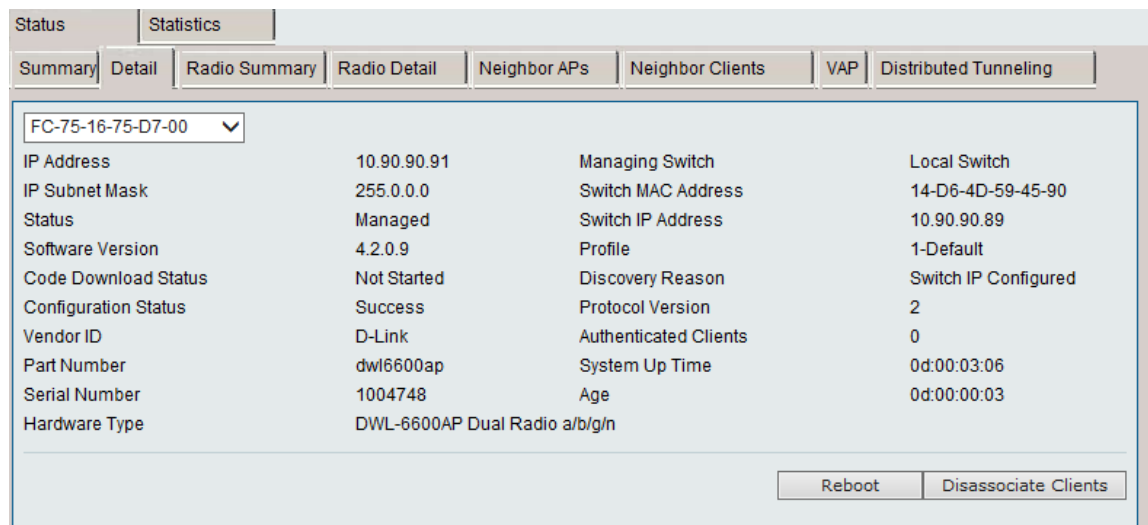
Step 6. Go to AP Reboot page and reboot the AP.

The screenshot shows the D-Link web management interface for a DWS-3160-24TC switch. The 'AP Reboot' page is active, displaying a table with one entry for AP FC-75-16-75-D7-00. The 'Reboot All' button is highlighted with a red box.

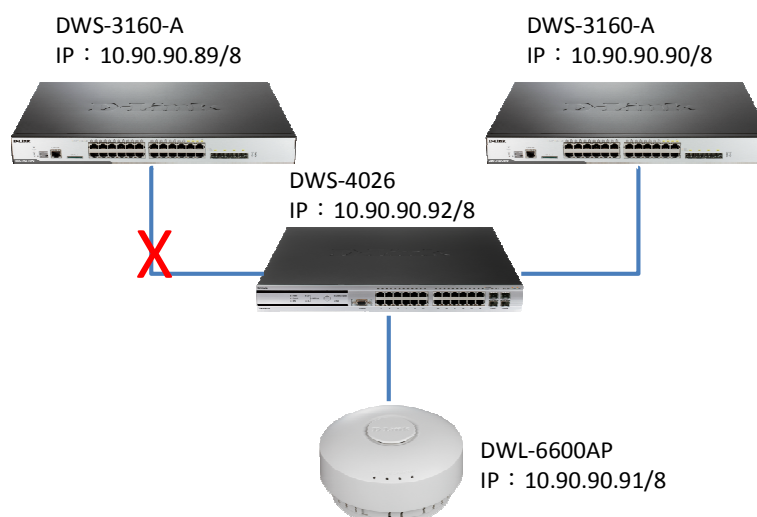
MAC address	Location	IP Address	Status	Reboot Status
<input checked="" type="checkbox"/>	FC-75-16-75-D7-00	10.90.90.91	Managed	Not Started

Result : After reboot the AP , AP will be managed on DWS-3160A

Because we set up the DWS-3106A to be **primary switch**.



But if the DWS-3160-A is link down, the AP will be managed on DWS-3160B, Since we set up the DWS-3160B to be **backup switch**.



FC-75-16-75-D7-00			
IP Address	10.90.90.91	Managing Switch	Local Switch
IP Subnet Mask	255.0.0.0	Switch MAC Address	14-D6-4D-60-EE-10
Status	Managed	Switch IP Address	10.90.90.90
Software Version	4.2.0.9	Profile	1-Default
Code Download Status	Not Started	Discovery Reason	Switch IP Configured
Configuration Status	Success	Protocol Version	2
Vendor ID	D-Link	Authenticated Clients	0
Part Number	dwl6600ap	System Up Time	0d:00:30:40
Serial Number	1004748	Age	0d:00:00:23
Hardware Type	DWL-6600AP Dual Radio a/b/g/n		
		<input type="button" value="Reboot"/> <input type="button" value="Disassociate Clients"/>	

Jarvis

PS. Even we set up the switch IP address 1 to be 10.90.90.90(DWS-3160A) and switch IP address 2 to be 10.90.90.90.89(DWS-3160B).

After reboot AP, the AP still follow the AP Provisioning setting(DWS-3160A->DWS-3160B)

The screenshot displays the D-Link Administration Console interface. The browser address bar shows the URL `10.90.90.91/admin.cgi?action=managed_ap`. The page title is "Configure Managed AP Wireless Switch Parameters".

Key configuration details visible on the page include:

- Managed AP Administrative Mode:** Enabled Disabled
- Switch IP Address 1:**
- Switch IP Address 2:**
- Switch IP Address 3:**
- Switch IP Address 4:**
- Base IP port:**
- Pass Phrase:** Edit
- WDS Managed Mode:** Root AP Satellite AP
- WDS Managed Ethernet Port:** Enabled Disabled
- WDS Group Password:**

At the bottom of the configuration area, there is a note: "Click 'Apply' to save the new settings." and an button.