

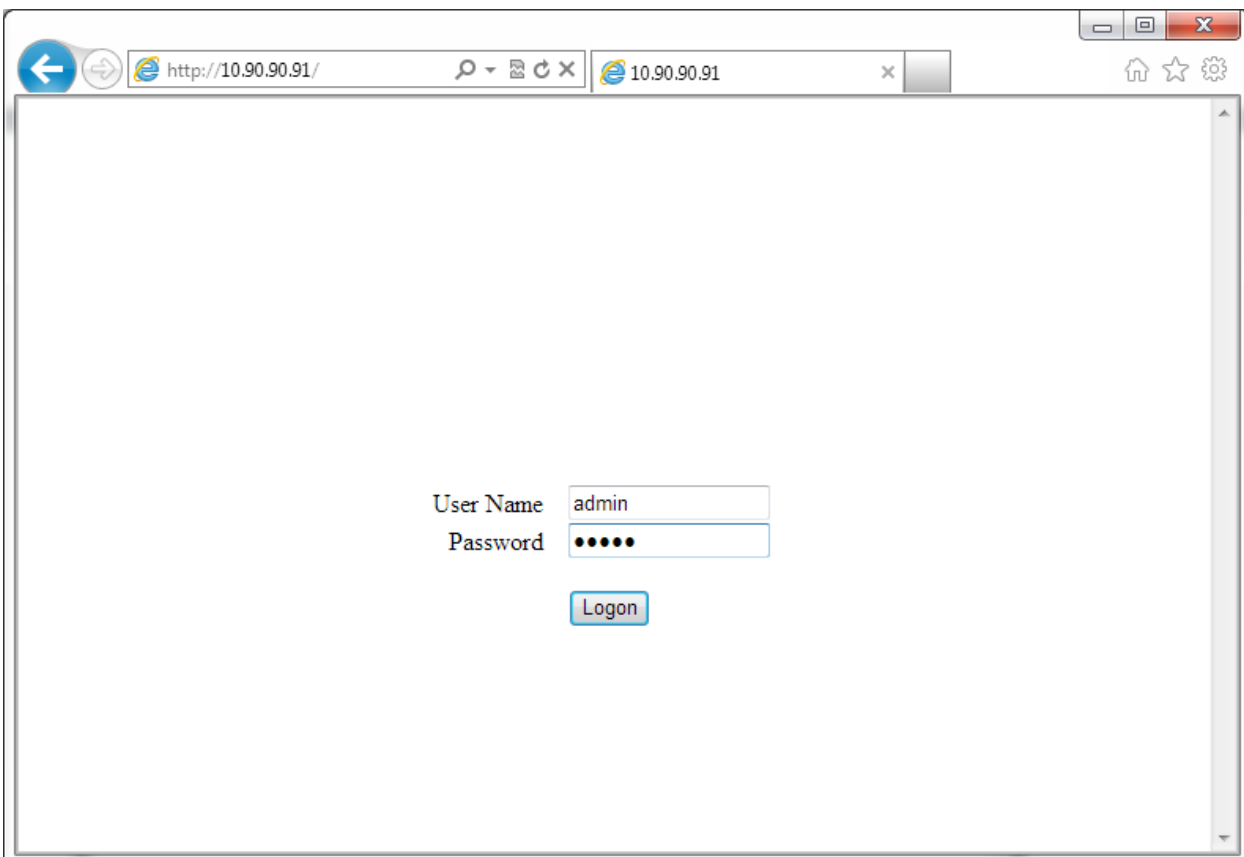
# DWL-6600AP

FW 4.1.0.2



10.90.90.91

admin/admin



Administration Console

# D-Link

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

### Provide basic settings

- 1 Review Description of this Access Point ...**

These fields show information specific to this access point.

IP Address:	10.90.90.91
IPv6 Address:	::
IPv6 Address Status:	
IPv6 Autoconfigured Global Addresses	
IPv6 Link Local Address:	fe80::fe75:16ff:fe76:1140
MAC Address:	FC:75:16:76:11:40
Firmware Version:	4.1.0.2
- 2 Device Information**

Model:	DWL-6600AP
Product Identifier:	WLAN-EAP
Hardware Version:	1
Serial Number :	1004748
Device Name:	D-Link AP
Device Description:	D-Link Wireless Access Point
- 3 Provide Network Settings ...**

These settings apply to this access point.

Current Password

New Password

Confirm new password
- 4 Serial Settings ...**

Administration Console

Confirm new password

- 4 Serial Settings ...**

Baud Rate 115200
- 5 System Settings ...**

System Name	D-Link AP
System Contact	admin@dlink.com.tw
System Location	D-Link Lab

Click "Apply" to save the new settings.

http://10.90.90.91/admin.cgi?action=interfaces Administration Console

## D-Link Wireless Access Point

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### View settings for network interfaces

Click "Refresh" button to refresh the page.  
Refresh

**Wired Settings** [Edit](#)

**Internal Interface**

MAC Address FC:75:16:76:11:40  
 VLAN ID 1  
 IP Address 10.90.90.91  
 Subnet Mask 255.0.0.0  
 IPv6 Address ::  
 IPv6 Autoconfigured Global Addresses  
 IPv6 Link Local Address fe80::fe75:16ff:fe76:1140  
 DNS-1  
 DNS-2  
 Default Gateway  
 Default IPv6 Gateway ::

**Wireless Settings** [Edit](#)

AeroScout™ Engine Communications Status down

**Radio One**

MAC Address FC:75:16:76:11:40  
 Mode IEEE 802.11a/n  
 Channel 149 (5745 MHz)

**Radio Two**

MAC Address FC:75:16:76:11:50  
 Mode IEEE 802.11b/g/n  
 Channel 11 (2462 MHz)

http://10.90.90.91/admin.cgi?action=events Administration Console

## D-Link Wireless Access Point

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### View events generated by this access point

**Options**

Persistence  Enabled  Disabled  
 Severity 7  
 Depth 128

Click "Apply" to save the new settings.  
Apply

**Relay Options**

Relay Log  Enabled  Disabled  
 Relay Host  
 Relay Port 514

Click "Apply" to save the new settings.  
Apply

**Events**

Click "Refresh" button to refresh the page.  
Refresh

Time Settings (NTP)	Type	Service	Description
Dec 31 12:09:21	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:1e:13:1c:7c:42 and SSID OfficeNet is detected on channel 11
Dec 31 12:08:16	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:1e:13:84:40:64 and SSID WLD is detected on channel 11
Dec 31 12:08:15	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:1e:13:84:40:62 and SSID OfficeNet is detected on channel 11
Dec 31 12:08:14	info	hostapd[930]	wlan1: DRIVER Ap with Mac address c4:17:fe:23:d6:2e and SSID SETUP is detected on channel 11
Dec 31 12:08:14	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:1e:13:1c:7c:44 and SSID WLD is detected on channel 11
Dec 31 12:08:14	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:15:70:4d:a5:48 is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:15:70:4d:a5:4b is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:19:7e:9f:ec:06 and SSID SETUP is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address d0:c2:82:7f:a6:d1 and SSID MACQP VOICE is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:1c:f0:89:ab:a6 and SSID SYD_WL is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:30:65:0f:f9:e4 and SSID SETUP is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address d0:c2:82:7f:a6:d0 and SSID MACQPARK DATA is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:1c:26:20:f0:e5 and SSID SETUP is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:22:58:58:38:ca and SSID SETUP is detected on channel 11
Dec 31 12:08:13	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 00:16:cf:4e:87:4c and SSID SETUP is detected on channel 11
Dec 31 12:07:26	info	hostapd[930]	wlan1: DRIVER Ap with Mac address 1c:af:f7:20:fs:80 and SSID dlink1 is detected on channel 149



http://10.90.90.91/admin.cgi?action=tspec\_client Administration Console

### D-Link Wireless Access Point

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#### View TSPEC Client Association Status and Statistics

Click "Refresh" button to refresh the page.  
Refresh

**Status**

Network Station	TS Identifier	Access Category	Direction	User Priority	Medium	Time	Excess Usage	Events	VAP	MAC Address	SSID
-----------------	---------------	-----------------	-----------	---------------	--------	------	--------------	--------	-----	-------------	------

**Statistics**

Network Station	TS Identifier	Access Category	Direction	From Station		To Station	
				Packets	Bytes	Packets	Bytes

http://10.90.90.91/admin.cgi?action=aps Administration Console

### D-Link Wireless Access Point

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#### View Rogue AP Detection

Click "Refresh" button to refresh the page.  
Refresh

AP Detection for Radio  Enabled  Disabled

Click "Apply" to save the new settings.  
Apply

**Detected Rogue AP List**

Action	MAC	Radio	Beacon	Int.	Type	SSID	Privacy	WPA	Band	Channel	Rate	Signal	Beacons	Last Beacon	Rates
Grant	1c:af:f7:95:0e:e9	wlan0	100		AP	D-Link_GUEST	Off	Off	5	36	6	1	1	Fri Dec 31 12:01:12 1999	6,9,12,18,24,36,48,54
Grant	d0:c2:82:7e:e0:ae	wlan0	102		AP	MACQP VOICE	On	On	5	149	6	2039	1	Fri Dec 31 12:09:50 1999	6,9,12,18,24,36,48,54
Grant	d0:c2:82:7e:e0:af	wlan0	102		AP	MACQPARK DATA	On	On	5	149	6	2064	1	Fri Dec 31 12:09:50 1999	6,9,12,18,24,36,48,54
Grant	1c:af:f7:20:fs:80	wlan0	100		AP	dlink1	Off	Off	5	149	6	19	1	Fri Dec 31 12:07:28 1999	6,9,12,18,24,36,48,54
Grant	1c:bd:b9:c4:ea:90	wlan1	100		AP	dlink1	Off	Off	2.4	3	1	12	1	Fri Dec 31 12:02:26 1999	1,2,5,5,11,18,24,36,54,6,9,12,18,24,36,48,54
Grant	d0:c2:82:7e:e0:a1	wlan1	102		AP	MACQP VOICE	On	On	2.4	6	1	1	1	Fri Dec 31 12:03:30 1999	1,2,5,5,6,9,11,12,18,24,36,48,54
Grant	d0:c2:82:7e:e0:a0	wlan1	102		AP	MACQPARK DATA	On	On	2.4	6	1	2	1	Fri Dec 31 12:05:13 1999	1,2,5,5,6,9,11,12,18,24,36,48,54
Grant	00:18:e7:c7:c8:44	wlan1	100		AP	82STEST	On	On	2.4	8	1	168	1	Fri Dec 31 12:10:13 1999	1,2,5,5,11,6,9,12,18,24,36,48,54
Grant	84:c9:b2:c1:2e:fc	wlan1	100		AP	UserGuide	On	On	2.4	8	1	1	1	Fri Dec 31 12:07:13 1999	1,2,5,5,11,18,24,36,54,6,9,12,18,24,36,48,54
Grant	00:16:cf:4e:87:4c	wlan1	10		Ad hoc	SETUP	Off	Off	2.4	11	1	409	1	Fri Dec 31 12:11:24 1999	1,2,5,5,11
Grant	00:22:58:58:38:ca	wlan1	10		Ad hoc	SETUP	Off	Off	2.4	11	1	4433	1	Fri Dec 31 12:11:24 1999	1,2,5,5,11
Grant	00:1c:26:20:f0:e5	wlan1	10		Ad hoc	SETUP	Off	Off	2.4	11	1	5397	1	Fri Dec 31 12:11:24 1999	1,2,5,5,11

http://10.90.90.91/admin.cgi?action=map\_dhcp Administration Console

## D-Link Wireless Access Point

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### View list of managing switch IP addresses and base IP port obtained via DHCP

**Switch Address from DHCP Server**

Switch IP Address 1  
Switch IP Address 2  
Switch IP Address 3  
Switch IP Address 4

**Base IP port from DHCP Server**

Base IP port

http://10.90.90.91/admin.cgi?action=tspec Administration Console

## D-Link Wireless Access Point

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### View TSPEC Status and Statistics

Click "Refresh" button to refresh the page.

**AP Status**

Interface	Access Category	Status	Active TS	TS Clients	Med. Time Admitted	Med. Time Unallocated
wlan0	Voice	down	0	0	0	0
wlan0	Video	down	0	0	0	0
wlan1	Voice	down	0	0	0	0
wlan1	Video	down	0	0	0	0

**VAP Status**

Interface	Access Category	Status	Active TS	TS Clients	Med. Time Admitted	Med. Time Unallocated
wlan0:vap0	Voice	down	0	0	0	0
wlan0:vap0	Video	down	0	0	0	0
wlan0:vap1	Voice	down	0	0	0	0
wlan0:vap1	Video	down	0	0	0	0
wlan0:vap2	Voice	down	0	0	0	0
wlan0:vap2	Video	down	0	0	0	0
wlan0:vap3	Voice	down	0	0	0	0
wlan0:vap3	Video	down	0	0	0	0
wlan0:vap4	Voice	down	0	0	0	0
wlan0:vap4	Video	down	0	0	0	0
wlan0:vap5	Voice	down	0	0	0	0
wlan0:vap5	Video	down	0	0	0	0
wlan0:vap6	Voice	down	0	0	0	0
wlan0:vap6	Video	down	0	0	0	0
wlan0:vap7	Voice	down	0	0	0	0

http://10.90.90.91/admin.cgi?action=tspec\_ap Administration Console

## D-Link Wireless Access Point

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### View TSPEC AP Statistics

Click "Refresh" button to refresh the page.

**TSPEC Statistics Summary for Voice ACM**

Total Voice TS Accepted	0
Total Voice TS Rejected	0

---

**TSPEC Statistics Summary for Video ACM**

Total Video TS Accepted	0
Total Video TS Rejected	0

http://10.90.90.91/admin.cgi?action=radio\_stats Administration Console

## D-Link Wireless Access Point

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### View Radio Statistics

Click "Refresh" button to refresh the page.

Radio  Radio 1  Radio 2

WLAN Packets Received	0	WLAN Bytes Received	0
WLAN Packets Transmitted	2020	WLAN Bytes Transmitted	212811
WLAN Packets Receive Dropped	0	WLAN Bytes Receive Dropped	0
WLAN Packets Transmit Dropped	0	WLAN Bytes Transmit Dropped	0
Fragments Received	20596	Fragments Transmitted	2019
Multicast Frames Received	0	Multicast Frames Transmitted	2019
Duplicate Frame Count	0	Failed Transmit Count	0
Transmit Retry Count	0	Multiple Retry Count	0
RTS Success Count	0	RTS Failure Count	0
ACK Failure Count	0	FCS Error Count	47955
Transmitted Frame Count	2019	WEP Undecryptable Count	0

http://10.90.90.91/admin.cgi?action=emailalert\_status Administration Console

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### Email Alert Operational Status

Click "Refresh" button to refresh the page.

[Refresh](#)

Email Alerts Status	: down
Number of Email Sent	: 0
Number of Email Failed	: 0
Time Since Last Email Sent	: Wed Dec 31 16:00:00 1969

http://10.90.90.91/admin.cgi?action=system Administration Console

## D-Link Wireless Access Point

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### Modify Ethernet (Wired) settings

Hostname: DLINK-WLAN-AP

**Internal Interface Settings**

MAC Address: FC:75:16:76:11:40

Management VLAN ID: 1

Untagged VLAN:  Enabled  Disabled

Untagged VLAN ID: 1

Connection Type: DHCP

Static IP Address: 10 . 90 . 90 . 91

Subnet Mask: 255 . 0 . 0 . 0

Default Gateway: 10 . 90 . 90 . 254

DNS Nameservers:  Dynamic  Manual

IPv6 Admin Mode:  Enabled  Disabled

IPv6 Auto Config Admin Mode:  Enabled  Disabled

Static IPv6 Address: ::

Static IPv6 Address Prefix Length: 0

Static IPv6 Address Status:  Enabled  Disabled

IPv6 Autoconfigured Global Addresses:  Enabled  Disabled

IPv6 Link Local Address: fe80::fe75:16ff:fe76:1140

Default IPv6 Gateway: ::

Click "Apply" to save the new settings.

[Apply](#)



http://10.90.90.91/admin.cgi?action=wireless Administration Console

## D-Link Wireless Access Point

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### Modify wireless settings

TSPEC Violation Interval: 300 (Sec, Range: 0 - 900, 0 Disables)

**Radio Interface**  On  Off  
 MAC Address: FC:75:16:76:11:40  
 Mode: IEEE 802.11a/n  
 Channel: Auto  
 Station Isolation:

**Radio Interface 2**  On  Off  
 MAC Address: FC:75:16:76:11:50  
 Mode: IEEE 802.11b/g/n  
 Channel: Auto  
 Station Isolation:

AeroScout™ Engine Protocol Support: Disabled

Click "Apply" to save the new settings.  
[Apply](#)

http://10.90.90.91/admin.cgi?action=radio Administration Console

## D-Link Wireless Access Point

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### Modify radio settings

Radio: 1

Status:  On  Off

Mode: IEEE 802.11a/n

Channel: Auto

Channel Bandwidth: 40 MHz

Primary Channel: Lower

Short Guard Interval Supported: Yes

STBC Mode: On

Protection: Auto

Beacon Interval: 100 (Msec, Range: 20 - 2000)

DTIM Period: 2 (Range: 1-255)

Fragmentation Threshold: 2346 (Range: 256-2346, Even Numbers)

RTS Threshold: 2347 (Range: 0-2347)

Maximum Stations: 200 (Range: 0-200)

Transmit Power: 100 (Percent, Range: 1 - 100)

Fixed Multicast Rate: Auto Mbps

Legacy Rate Sets

Rate (Mbps)	54	48	36	24	18	12	9	6
-------------	----	----	----	----	----	----	---	---

http://10.90.90.91/admin.cgi?action=radio Administration Console

Maintenance

- Client QoS
- Cluster

Beacon Interval: 100 (Msec, Range: 20 - 2000)

DTIM Period: 2 (Range: 1-255)

Fragmentation Threshold: 2346 (Range: 256-2346, Even Numbers)

RTS Threshold: 2347 (Range: 0-2347)

Maximum Stations: 200 (Range: 0-200)

Transmit Power: 100 (Percent, Range: 1 - 100)

Fixed Multicast Rate: Auto Mbps

Legacy Rate Sets

Rate (Mbps)	54	48	36	24	18	12	9	6
Supported	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Basic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

MCS (Data Rate) Settings

Index	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Enable/Disable	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Broadcast/Multicast Rate Limiting

Rate Limit: 50 (packets per second)

Rate Limit Burst: 75 (packets per second)

TSPEC Mode: Off

TSPEC Voice ACM Mode: Off

TSPEC Voice ACM Limit: 20 (Percent, Range: 0 - 70)

TSPEC Video ACM Mode: Off

TSPEC Video ACM Limit: 15 (Percent, Range: 0 - 70)

TSPEC AP Inactivity Timeout: 30 (Sec, Range: 0 - 120, 0 Disables)

TSPEC Station Inactivity Timeout: 30 (Sec, Range: 0 - 120, 0 Disables)

TSPEC Legacy WMM Queue Map Mode: Off

Click "Apply" to save the new settings.

Apply

http://10.90.90.91/admin.cgi?action=scheduler Administration Console

D-Link D-Link Wireless Access Point

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### Scheduler Configuration

Global Scheduler Mode:  Enable  Disable

Scheduler Operational Status

Status: down

Reason: ConfigDown TimeNotSet

Scheduler Profile:  Add

Rule Configuration

Select Profile:  Remove

Set Schedule:  Daily  Weekday  Weekend  On Sunday

Start Time: 00 : 00 End Time: 00 : 00

Add Rule

Profile Name	Rule ID	Day of the Week	Start Time	End Time

Modify Rule Remove Rule

Click "Apply" to save the new settings.

Apply

http://10.90.90.91/admin.cgi?action=vwn Administration Console

## D-Link Wireless Access Point

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### Modify Virtual Access Point settings

Global RADIUS server settings

RADIUS IP Address Type:  IPv4  IPv6

RADIUS IP Address: 10.90.90.1

RADIUS IP Address-1:

RADIUS IP Address-2:

RADIUS IP Address-3:

RADIUS Key:

RADIUS Key-1:

RADIUS Key-2:

RADIUS Key-3:

Enable RADIUS accounting

Enable RADIUS Faiththrough

Radio: 1

VAP	Enabled	VLAN ID	SSID	Broadcast SSID	Security	MAC Auth Type	Redirect Mode	Redirect URL
0	<input checked="" type="checkbox"/>	1	dlink1	<input checked="" type="checkbox"/>	WPA Personal	Disabled	None	<input type="text"/>
1	<input type="checkbox"/>	1	dlink2	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
2	<input type="checkbox"/>	1	dlink3	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
3	<input type="checkbox"/>	1	dlink4	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
4	<input type="checkbox"/>	1	dlink5	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
5	<input type="checkbox"/>	1	dlink6	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
6	<input type="checkbox"/>	1	dlink7	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
7	<input type="checkbox"/>	1	dlink8	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
8	<input type="checkbox"/>	1	dlink9	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>

http://10.90.90.91/admin.cgi?action=vwn Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
    - SNMPv3
    - Maintenance
    - Client QoS
    - Cluster

### Modify Virtual Access Point settings

Global RADIUS server settings

RADIUS IP Address Type:  IPv4  IPv6

RADIUS IP Address: 10.90.90.1

RADIUS IP Address-1:

RADIUS IP Address-2:

RADIUS IP Address-3:

RADIUS Key:

RADIUS Key-1:

RADIUS Key-2:

RADIUS Key-3:

Enable RADIUS accounting

Enable RADIUS Faiththrough

Radio: 1

VAP	Enabled	VLAN ID	SSID	Broadcast SSID	Security	MAC Auth Type	Redirect Mode	Redirect URL
0	<input checked="" type="checkbox"/>	1	dlink1	<input checked="" type="checkbox"/>	WPA Personal	Disabled	None	<input type="text"/>
1	<input type="checkbox"/>	1	dlink2	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
2	<input type="checkbox"/>	1	dlink3	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
3	<input type="checkbox"/>	1	dlink4	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
4	<input type="checkbox"/>	1	dlink5	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
5	<input type="checkbox"/>	1	dlink6	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
6	<input type="checkbox"/>	1	dlink7	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
7	<input type="checkbox"/>	1	dlink8	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>
8	<input type="checkbox"/>	1	dlink9	<input checked="" type="checkbox"/>	None	Disabled	None	<input type="text"/>

http://10.90.90.91/admin.cgi?action=wds Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

#### Configure WDS bridges to other access points

Spanning Tree Mode  Enabled  Disabled

Radio: 1  
Local Address: FC:75:16:76:11:40  
Remote Address:   
Encryption: **None (Plain-text)** (dropdown menu open showing: None (Plain-text), WEP, WPA (PSK))

Radio: 1  
Local Address: FC:75:16:76:11:40  
Remote Address:   
Encryption: None (Plain-text)

Radio: 1  
Local Address: FC:75:16:76:11:40  
Remote Address:   
Encryption: None (Plain-text)

Radio: 1  
Local Address: FC:75:16:76:11:40  
Remote Address:   
Encryption: None (Plain-text)

Click "Apply" to save the new settings.  
[Apply](#)

http://10.90.90.91/admin.cgi?action=mac\_filtering Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

#### Configure MAC Authentication of client stations

Filter  Allow only stations in list  Block all stations in list

Stations List:

[Remove](#)

:  :  :  :  :  [Add](#)

Click "Apply" to save the new settings.  
[Apply](#)

http://10.90.90.91/admin.cgi?action=load\_balancing Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

#### Modify load balancing settings

Load Balancing  Enabled  Disabled

Utilization for No New Associations:  (Percent, 0 disables)

Click "Apply" to save the new settings.

[Apply](#)

http://10.90.90.91/admin.cgi?action=managed\_ap Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

#### Configure Managed AP Wireless Switch Parameters

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:

Click "Apply" to save the new settings.

[Apply](#)

http://10.90.90.91/admin.cgi?action=dot1x\_suppliment Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

### Modify 802.1X Suppliment Authentication settings

Click "Refresh" button to refresh the page.  
Refresh

#### Suppliment Configuration ...

802.1X Suppliment  Enabled  Disabled

EAP Method: MDS

User Name:

Password:

Click "Apply" to save the new settings.  
Apply

#### Certificate File Status ...

Certificate File Present: no

Certificate Expiration Date: Not Present

#### Certificate File Upload ...

Browse to the location where your certificate file is stored and click the "Upload" button.  
To upload from a TFTP server, click the TFTP radio button and enter the TFTP server information.

Upload Method:  HTTP  TFTP

Filename:  Browse...

Upload

http://10.90.90.91/admin.cgi?action=mgmt\_acl Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
    - Ethernet Settings
    - Wireless Settings
    - Radio
    - Scheduler
    - Scheduler Association
    - VAP
    - WDS
    - MAC Authentication
    - Load Balancing
    - Managed Access Point
    - Authentication
    - Management ACL
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster

### Configure Management Access Control Parameters

Management ACL Mode  Enabled  Disabled

IP Address 1:

IP Address 2:

IP Address 3:

IP Address 4:

IP Address 5:

IPv6 Address 1:

IPv6 Address 2:

IPv6 Address 3:

IPv6 Address 4:

IPv6 Address 5:

Click "Apply" to save the new settings.  
Apply

Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
Web Server  
SNMP  
SSH  
Telnet  
QoS  
Email Alerts  
Time Settings (NTP)  
SNMPv3  
Maintenance  
Client QoS  
Cluster

### Configure Web Server Settings

HTTPS Server Status  Enabled  Disabled  
 HTTP Server Status  Enabled  Disabled  
 HTTP Port   
 Maximum Sessions   
 Session Timeout (minutes)

Click "Apply" to save the new settings.

---

### Generate HTTP SSL Certificate ...

Click "Update" to generate a new HTTP SSL Certificate.

---

### HTTP SSL Certificate File Status ...

Certificate File Present:  yes  
 Certificate Expiration Date: Dec 26 20:00:02 2019 GM  
 Certificate Issuer Common Name: /CN=10.90.90.91/OU=Broadcom Corp./L=Morrisville/ST=North Carolina/C=US

---

### To Get the Current HTTP SSL Certificate ...

Click the "Download" button to save the current HTTP SSL Certificate as a backup file to your PC. To save the Certificate to an external TFTP server, click the TFTP radio button and enter the TFTP server information.

Download Method  HTTP  TFTP

---

### To upload a HTTP SSL Certificate from a PC or a TFTP Server ...

Browse to the location where your certificate file is stored and click the "Upload" button. To upload from a TFTP server, click the TFTP radio button and enter the TFTP server information.

Upload Method  HTTP  TFTP  
 HTTP SSL Certificate File

Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
Web Server  
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SSH  
Telnet  
QoS  
Email Alerts  
Time Settings (NTP)  
SNMPv3  
Maintenance  
Client QoS  
Cluster

### SNMP Configuration

SNMP  Enabled  Disabled

Read-only community name (for permitted SNMP get operations)   
 Port number the SNMP agent will listen to   
 Allow SNMP set requests  Enabled  Disabled  
 Read-write community name (for permitted SNMP set operations)   
 Restrict the source of SNMP requests to only the designated hosts or subnets  Enabled  Disabled  
 Hostname, address, or subnet of Network Management System   
 IPv6 hostname, address, or subnet of Network Management System

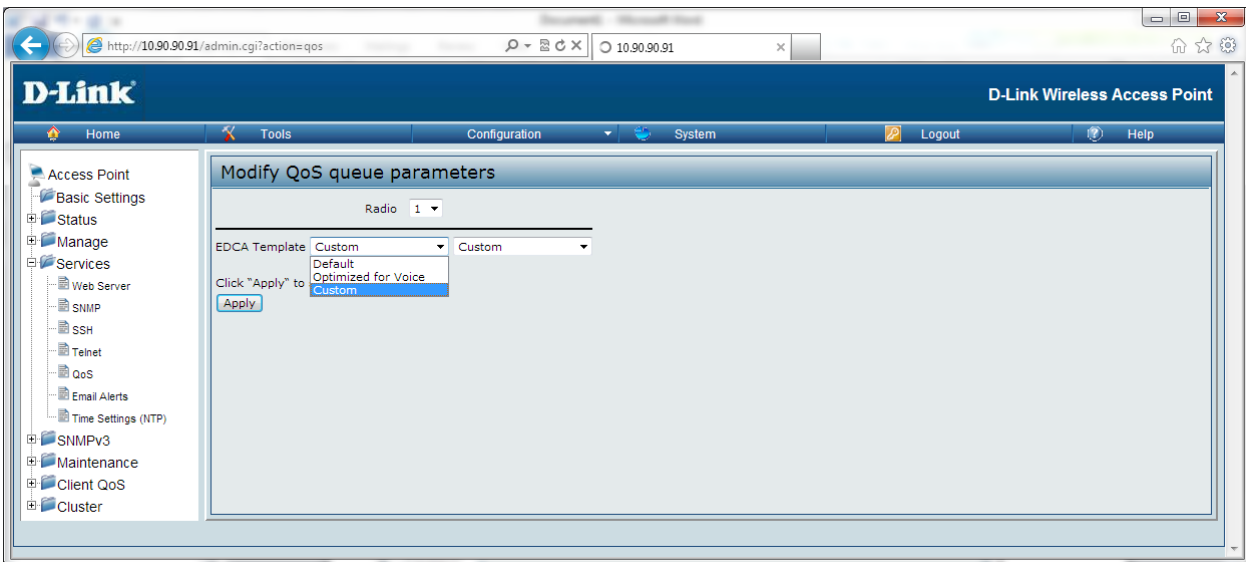
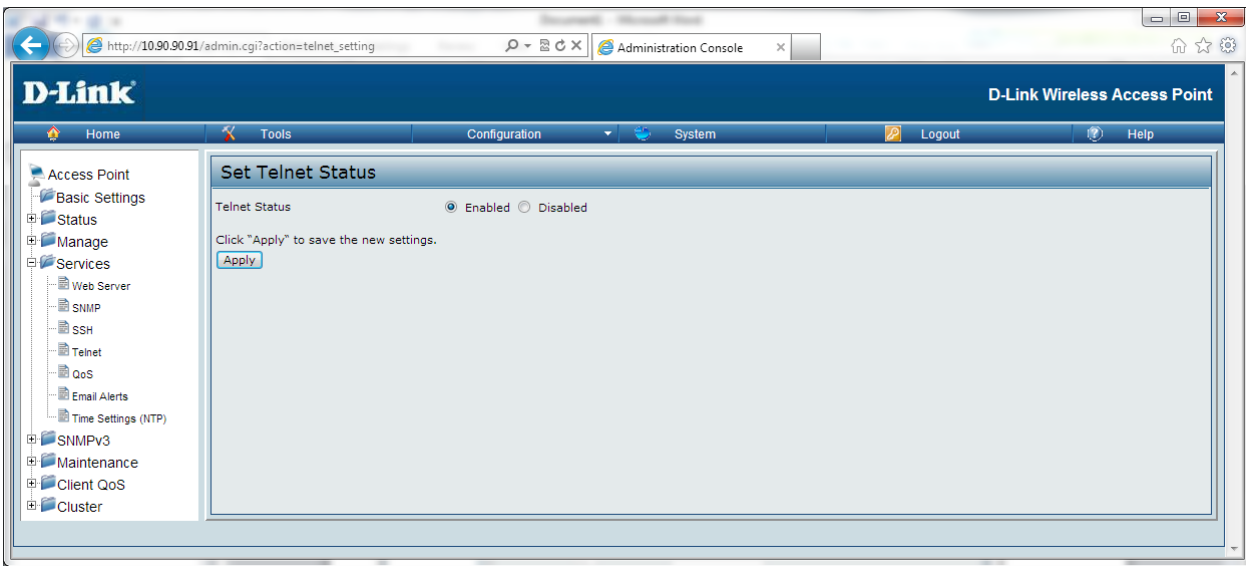
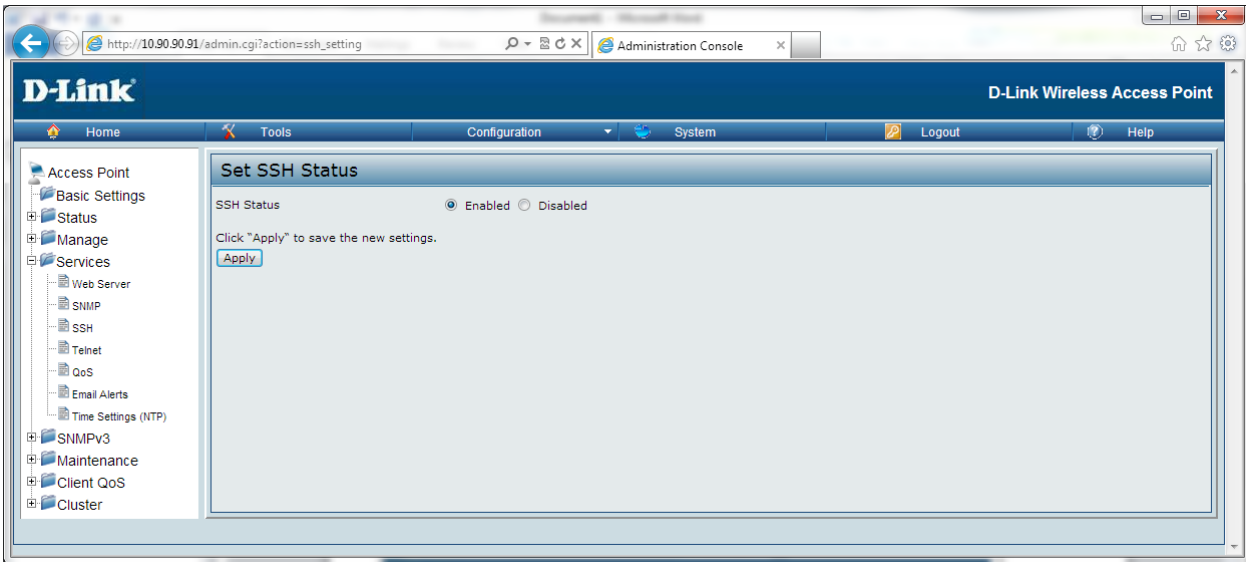
---

### Trap Destinations

Community name for traps

Enabled	Host Type	Hostname or IP Address
<input type="checkbox"/>	IPv4	<input type="text"/>
<input type="checkbox"/>	IPv4	<input type="text"/>
<input type="checkbox"/>	IPv4	<input type="text"/>

Click "Apply" to save the new settings.





http://10.90.90.91/admin.cgi?action=qos Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
Web Server  
SNMP  
SSH  
Telnet  
QoS  
Email Alerts  
Time Settings (NTP)  
SNMPv3  
Maintenance  
Client QoS  
Cluster

### Modify QoS queue parameters

Radio 1

EDCA Template Custom

Queue	AIFS	cwMin	cwMax	Max Burst
Data 0 (Voice)	1	3	7	1.5
Data 1 (Video)	1	7	15	3.0
Data 2 (Best Effort)	3	15	63	0
Data 3 (Background)	7	15	1023	0

AP EDCA parameters

Wi-Fi Multimedia (WMM)  Enabled  Disabled

Queue	AIFS	cwMin	cwMax	TXOP Limit
Data 0 (Voice)	2	3	7	47
Data 1 (Video)	2	7	15	94
Data 2 (Best Effort)	3	15	1023	0
Data 3 (Background)	7	15	1023	0

Station EDCA parameters

No Acknowledgement  On  Off

APSD  On  Off

Click "Apply" to save the new settings.

Apply

http://10.90.90.91/admin.cgi?action=qos Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
Web Server  
SNMP  
SSH  
Telnet  
QoS  
Email Alerts  
Time Settings (NTP)  
SNMPv3  
Maintenance  
Client QoS  
Cluster

### Modify QoS queue parameters

Radio 1

EDCA Template Optimized for Voice

Queue	AIFS	cwMin	cwMax	Max Burst
Data 0 (Voice)	1	3	15	0
Data 1 (Video)	3	7	31	0
Data 2 (Best Effort)	3	15	63	0
Data 3 (Background)	10	63	1023	0

AP EDCA parameters

Wi-Fi Multimedia (WMM)  Enabled  Disabled

Queue	AIFS	cwMin	cwMax	TXOP Limit
Data 0 (Voice)	2	3	15	0
Data 1 (Video)	5	15	63	0
Data 2 (Best Effort)	5	63	1023	0
Data 3 (Background)	12	255	1023	0

Station EDCA parameters

No Acknowledgement  On  Off

APSD  On  Off

Click "Apply" to save the new settings.

Apply

Administration Console

**D-Link Wireless Access Point**

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
Web Server  
SNMP  
SSH  
Telnet  
QoS  
Email Alerts  
Time Settings (NTP)  
SNMPv3  
Maintenance  
Client QoS  
Cluster

### Email Alerts Configuration

**Email Alerts Global Configuration**

Admin Mode: Disabled

From Address: \_\_\_\_\_

Log Duration: 30 minutes (range 30 to 1440)

Urgent Message Severity: Alert

Non Urgent Severity: Warning

**Email Alert Mail Server Configuration**

Mail Server Address: \_\_\_\_\_

Mail Server Security: Open

Mail Server Port: 25

User Name: \_\_\_\_\_

Password: \_\_\_\_\_

**Email Alert Message Configuration**

To Address 1: \_\_\_\_\_

To Address 2: \_\_\_\_\_

To Address 3: \_\_\_\_\_

Email Subject: Log message from AP

Update Test Mail

Administration Console

**D-Link Wireless Access Point**

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
Web Server  
SNMP  
SSH  
Telnet  
QoS  
Email Alerts  
Time Settings (NTP)  
SNMPv3  
Maintenance  
Client QoS  
Cluster

### Modify to discover the time for access point

System Time (24 HR): Fri Dec 31 1999 12:21:08 PST

Set System Time:  Using Network Time Protocol (NTP)  Manually

System Date: December 31, 2009

System Time (24 HR): 12 : 21

Time Zone: USA (Pacific)

Adjust Time for Daylight Savings:

DST Start (24 HR): Second Sunday in March at 02 : 00

DST End (24 HR): First Sunday in November at 02 : 00

DST Offset (minutes): 60

Click "Apply" to save the new settings.

Apply

Administration Console

**D-Link Wireless Access Point**

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
SNMPv3  
SNMPv3 Views  
SNMPv3 Groups  
SNMPv3 Users  
SNMPv3 Targets  
Maintenance  
Client QoS  
Cluster

### SNMPv3 Views Configuration.

View Name	Type	OID	Mask
	included		

Add

SNMPv3 VIEWS

```
view-all----included----1----
view-none----excluded----1----
```

Remove

Click "Apply" to save the new settings.

Apply

Administration Console

D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
SNMPv3  
SNMPv3 Views  
SNMPv3 Groups  
SNMPv3 Users  
SNMPv3 Targets  
Maintenance  
Client QoS  
Cluster

### SNMPv3 Groups Configuration.

Name	Security Level	Write Views	Read Views
	noAuthentication-noPrivacy	view-all	view-all
	noAuthentication-noPrivacy		
	Authentication-noPrivacy		
	Authentication-Privacy		
	RW--authPriv--view-all--view-all		

Remove

Click "Apply" to save the new settings.

Apply

Administration Console

D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
SNMPv3  
SNMPv3 Views  
SNMPv3 Groups  
SNMPv3 Users  
SNMPv3 Targets  
Maintenance  
Client QoS  
Cluster

### SNMPv3 User Configuration.

Name	Group	Authentication type	Authentication Key	Encryption Type	Encryption Key
	RO	MD5		DES	
	RO				
	RW				

Add

Remove

Click "Apply" to save the new settings.

Apply

Administration Console

D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point  
Basic Settings  
Status  
Manage  
Services  
SNMPv3  
SNMPv3 Views  
SNMPv3 Groups  
SNMPv3 Users  
SNMPv3 Targets  
Maintenance  
Client QoS  
Cluster

### SNMPv3 Targets Configuration.

IPv4/IPv6 Address	Port	Users

Add

Remove

Click "Apply" to save the new settings.

Apply

The screenshot shows the D-Link Wireless Access Point administration console. The browser address bar displays `http://10.90.90.91/admin.cgi?action=config_save`. The page title is "D-Link Wireless Access Point". The navigation menu includes Home, Tools, Configuration, System, Logout, and Help. The left sidebar shows a tree view with categories: Access Point, Basic Settings, Status, Manage, Services, SNMPv3, Maintenance (with sub-items: Configuration Save, Configuration Restore, Maintenance, Upgrade, Packet Capture), Client QoS, and Cluster. The main content area is titled "Manage this Access Point's Configuration" and contains the following text:

**To Save the Current Configuration to a Backup File ...**

Click the "Download" button to save the current configuration as a backup file to your PC.  
To save the configuration to an external TFTP server, click the TFTP radio button and enter the TFTP server information.

Download Method  HTTP  TFTP

Click "Download" to copy this AP configuration.

[Download](#)

The screenshot shows the D-Link Wireless Access Point administration console. The browser address bar displays `http://10.90.90.91/admin.cgi?action=config_restore`. The page title is "D-Link Wireless Access Point". The navigation menu includes Home, Tools, Configuration, System, Logout, and Help. The left sidebar shows a tree view with categories: Access Point, Basic Settings, Status, Manage, Services, SNMPv3, Maintenance (with sub-items: Configuration Save, Configuration Restore, Maintenance, Upgrade, Packet Capture), Client QoS, and Cluster. The main content area is titled "Manage this Access Point's Configuration" and contains the following text:

**To Restore the Configuration from a Previously Saved File ...**

Browse to the location where your saved configuration file is stored and click the "Restore" button.  
To restore from a TFTP server, click the TFTP radio button and enter the TFTP server information.

Upload Method  HTTP  TFTP

Configuration File  [Browse...](#)

Click "Restore" to load the configuration to this AP.

[Restore](#)

The screenshot shows the D-Link Wireless Access Point administration console. The browser address bar displays `http://10.90.90.91/admin.cgi?action=config_sys`. The page title is "D-Link Wireless Access Point". The navigation menu includes Home, Tools, Configuration, System, Logout, and Help. The left sidebar shows a tree view with categories: Access Point, Basic Settings, Status, Manage, Services, SNMPv3, Maintenance (with sub-items: Configuration Save, Configuration Restore, Maintenance, Upgrade, Packet Capture), Client QoS, and Cluster. The main content area is titled "Manage this Access Point's Configuration" and contains the following text:

**To Restore the Factory Default Configuration ...**

Click "Reset" to load the factory defaults in place of the current configuration for this AP.

[Reset](#)

---

**To Reboot the Access Point ...**

Click the "Reboot" button.

[Reboot](#)

Browser: http://10.90.90.91/admin.cgi?action=upgrade Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
    - Configuration Save
    - Configuration Restore
    - Maintenance
    - Upgrade
    - Packet Capture
  - Client QoS
  - Cluster

### Manage firmware

Model: DWL-6600AP  
 Platform: dwl6600ap  
 Firmware Version:  
 Primary Image: D.9.29.1  
 Secondary Image: Invalid Image

---

Upload Method:  HTTP  TFTP

New Firmware Image:

**Caution:** Uploading the new firmware may take several minutes. Please do not refresh the page or navigate to another page while uploading the new firmware, or the firmware upload will be aborted. When the process is complete the access point will restart and resume normal operation.

Browser: http://10.90.90.91/admin.cgi?action=packet\_capture Administration Console

## D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
    - Configuration Save
    - Configuration Restore
    - Maintenance
    - Upgrade
    - Packet Capture
  - Client QoS
  - Cluster

### Packet Capture Configuration and Settings

Click "Refresh" button to refresh the page.

**Packet Capture Status ...**

Current Capture Status:   
 Packet Capture Time: 00:00:00  
 Packet Capture File Size: 0 KB

---

**Packet Capture Configuration ...**

Enabled  Disabled

Capture Beacons:  Enabled  Disabled

Promiscuous Capture:  Disabled  Enabled

Client Filter Enable:

Client Filter MAC Address:  WLAN client MAC address filtering applies only to radio1 or radio2 interface.

Click "Apply" to save the new settings.

---

**Packet File Capture ...**

Capture Interface:   
 Capture Duration:  Seconds (range 10 to 3600)  
 Max Capture File Size:  KB (range 64 to 4096)

Click "Apply" to save the new settings.

---

**Remote Packet Capture ...**

Administration Console

Packet Capture

Client QoS

Cluster

Promiscuous Capture

Client Filter Enable

Client Filter MAC Address  WLAN client MAC address filtering applies only to radio1 or radio2 interface.

Click "Apply" to save the new settings.

[Apply](#)

---

**Packet File Capture ...**

Capture Interface

Capture Duration  Seconds (range 10 to 3600)

Max Capture File Size  KB (range 64 to 4096)

Click "Apply" to save the new settings.

[Apply](#)

[Start File Capture](#)

---

**Remote Packet Capture ...**

Remote Capture Port  (range 1 to 65530)

Click "Apply" to save the new settings.

[Apply](#)

[Start Remote Capture](#)

---

**Packet Capture File Download ...**

Use TFTP to download the capture file

TFTP Server Filename

Server IP

[Download](#)

Administration Console

D-Link Wireless Access Point

Home Tools Configuration System Logout Help

Access Point

Basic Settings

Status

Manage

Services

SNMPv3

Maintenance

Client QoS

VAP QoS Parameters

Client QoS ACL

Class Map

Policy Map

Client Configuration

Cluster

**Configure Client QoS VAP Settings**

Client QoS Global Admin Mode  Enabled  Disabled

---

**VAP QoS Default Parameters**

Radio

VAP

Client QoS Mode  Enabled  Disabled

Bandwidth Limit Down  (0 - 4294967295)

Bandwidth Limit Up  (0 - 4294967295)

ACL Type Down

ACL Name Down

ACL Type Up

ACL Name Up

DiffServ Policy Down

DiffServ Policy Up

Click "Apply" to save the new settings.

[Apply](#)

Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
    - VAP QoS Parameters
    - Client QoS ACL
    - Class Map
    - Policy Map
    - Client Configuration
  - Cluster

#### Configure Client QoS ACL Settings

**ACL Configuration**

ACL Name  (1 - 31 alphanumeric characters)

ACL Type IPv4

[Add ACL](#)

Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
    - VAP QoS Parameters
    - Client QoS ACL
    - Class Map
    - Policy Map
    - Client Configuration
  - Cluster

#### Configure Client QoS DiffServ Class Map Settings

**Class Map Configuration**

Class Map Name  (1 - 31 alphanumeric characters)

Match Layer 3 Protocol IPv4

[Add Class Map](#)

Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
    - VAP QoS Parameters
    - Client QoS ACL
    - Class Map
    - Policy Map
    - Client Configuration
  - Cluster

#### Configure Client QoS DiffServ Policy Map Settings

**Policy Map Configuration**

Policy Map Name  (1 - 31 alphanumeric characters)

[Add Policy Map](#)

Browser: http://10.90.90.91/admin.cgi?action=access\_points Administration Console

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help



- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster
    - Access Points
    - Sessions
    - Channel Management
    - Wireless Neighborhood

#### Manage access points in the cluster

This access point is operating in stand-alone mode...

This access point is operating in stand-alone mode, and is not managed as part of a cluster. You can choose to manage this access point as part of a cluster. To do this, press the "start clustering" button below.

[Start Clustering](#)

Not Clustered   
0 Access Points 

#### Clustering Options...

Enter the location of this AP.  
Location:

Enter the name of the cluster for this AP to join.  
Cluster Name:

Clustering IP Version:  IPv6  IPv4

Click "Apply" to save the new settings.  
[Apply](#)

Browser: http://10.90.90.91/admin.cgi?action=upgrade 10.90.90.91

### D-Link Wireless Access Point

Home Tools Configuration System Logout Help

- Access Point
  - Basic Settings
  - Status
  - Manage
  - Services
  - SNMPv3
  - Maintenance
  - Client QoS
  - Cluster
    - Access Points
    - Sessions
    - Channel Management
    - Wireless Neighborhood

#### Manage firmware

The new firmware has been successfully uploaded to the AP.


The AP will now save the new firmware, load it, reboot and come up with the last saved configuration.

The AP will be unavailable while the upgrade is taking place. Do not power down the access point while the upgrade is in process.

This process will take approximately 6 minutes.

Upon completion, the AP will automatically resume normal operation. The Upgrade page will be redisplayed so that you can verify the new firmware version.

If the IP address of the AP has changed, you will need to access the page manually at its new IP address.

Please wait, upgrade in progress: 

Killall: mDNSResponderPosix: no process killed