



D-View 7 Configuration Guide (Part III)

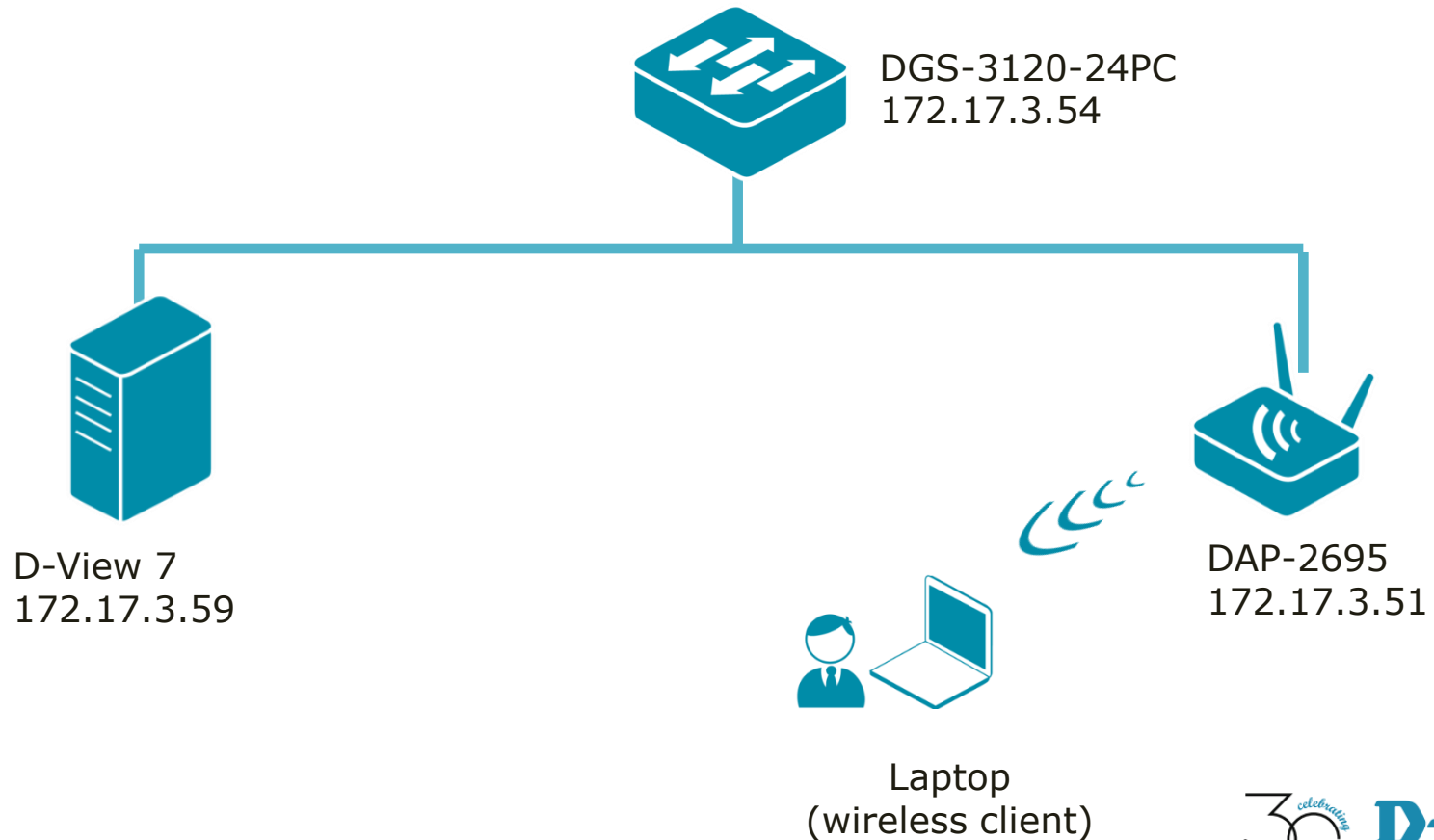
D-Link Academy

Preface

- Objective: The documentation presents D-View 7 Config Template and Sensor Alarm configuration examples
- Pre-requisite: Please refer to “D-View 7 Setup Guide” for D-View 7 installation
- Equipment consists of
 - D-View 7 (installed in a Win7 64-bit notebook)
 - DGS-3120-24PC *1
 - DAP-2695 *1
 - Laptop with wireless connections *1
- Network Topology and IP address management are shown in next slide

Network Topology

- Network Topology



SNMP Community Configuration

Monitored Devices' SNMP community configuration

- SNMP version 1 and 2
- SNMP Read-Only (RO) Community: public
- SNMP Read-Write (RW) Community: private
- SNMP Port Number: 161
- Trap Server: 172.17.3.59 (D-View 7)

Configuration Guide

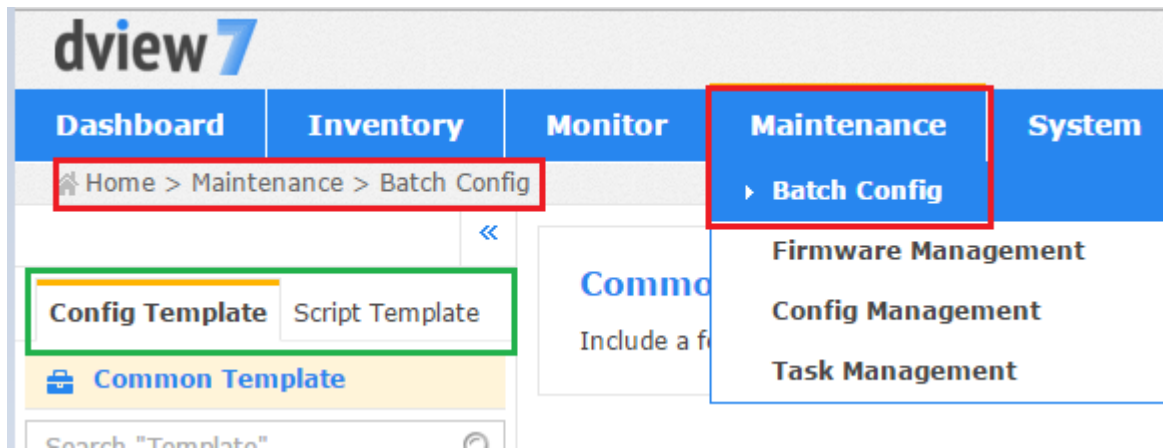
- Batch Config
- AP Template – Wireless Configuration
- AP Template – Security Configuration
- AP Template – Multi SSID Configuration
- AP Template – Wireless MAC ACL Configuration
- Sensor Alarm and Event View

Configuration Guide

- **Batch Config**
- AP Template – Wireless Configuration
- AP Template – Security Configuration
- AP Template – Multi SSID Configuration
- AP Template – Wireless MAC ACL Configuration
- Sensor Alarm and Event View

Batch Config

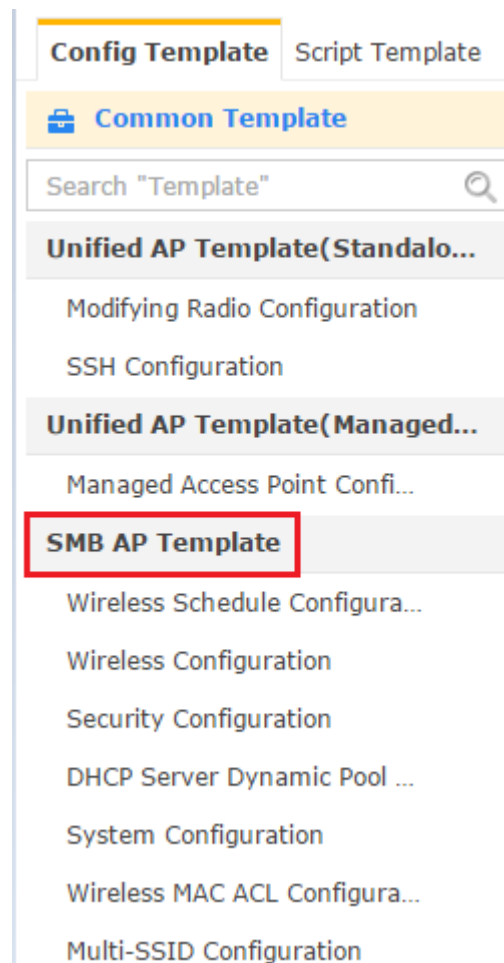
- In D-View 7, Batch Config is available via the menu: Home > Maintenance > Batch Config



- There are two types of Batch Config
 - Config Template
 - Script Template

Config Template

- In Config Template, four categories are presented
 - Unified AP Template (Standalone Mode)
 - Unified AP Template (Managed Mode)
 - SMB AP Template
 - Wireless Switch and Controller Template
- This article mainly focuses on the configuration examples of “SMB AP Template”



Configuration Guide

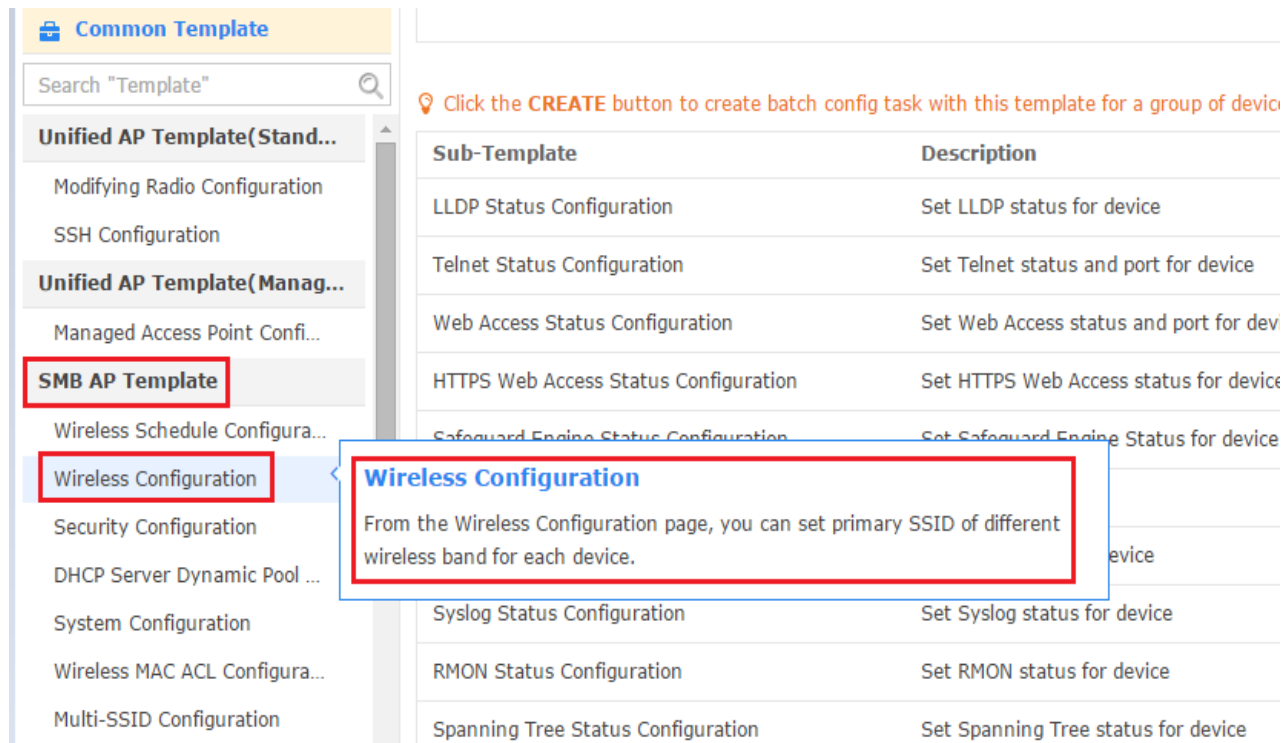
- Batch Config
- **AP Template – Wireless Configuration**
- AP Template – Security Configuration
- AP Template – Multi SSID Configuration
- AP Template – Wireless MAC ACL Configuration
- Sensor Alarm and Event View

Wireless Configuration

- Wireless Configuration (1/13)
- Scenario: You plan to configure DAP-2660 wireless settings, as such a wireless client is able to connect to Internet
- Key information regarding this request
 - Wireless Band: 2.4GHz
 - SSID: KingGeorgeI
 - Auto Channel Selection: Enable
 - SSID Visibility: Enable
 - Data Rate: 1
 - Beacon Interval: 300
 - DTIM: 6

Wireless Configuration

- Wireless Configuration (2/13)
- Browse D-View menu: Home > Maintenance > Batch Config
- Select “Wireless Configuration”



Common Template

Search "Template" 🔍

Unified AP Template(Stand...

- Modifying Radio Configuration
- SSH Configuration

Unified AP Template(Manag...

- Managed Access Point Confi...
- SMB AP Template**
- Wireless Schedule Configura...
- Wireless Configuration**
- Security Configuration
- DHCP Server Dynamic Pool ...
- System Configuration
- Wireless MAC ACL Configura...
- Multi-SSID Configuration

Click the **CREATE** button to create batch config task with this template for a group of device

Sub-Template	Description
LLDP Status Configuration	Set LLDP status for device
Telnet Status Configuration	Set Telnet status and port for device
Web Access Status Configuration	Set Web Access status and port for dev
HTTPS Web Access Status Configuration	Set HTTPS Web Access status for device
Safeguard Engine Status Configuration	Set Safeguard Engine Status for device
Syslog Status Configuration	Set Syslog status for device
RMON Status Configuration	Set RMON status for device
Spanning Tree Status Configuration	Set Spanning Tree status for device

Wireless Configuration

From the Wireless Configuration page, you can set primary SSID of different wireless band for each device.

Wireless Configuration

- Wireless Configuration (3/13)
- Please make sure "DAP 2695" is in supported list
- Click "Create"

Wireless Configuration

From the Wireless Configuration page, you can set primary SSID of different wireless band for each device.

 Click the **CREATE** button to create batch config task with this template for a group of devices

Supported Model

DAP-2553, DAP-2553, DAP-2590, **DAP-2695**, DAP-3520, DAP-2690, DAP-2690, DAP-2360, DAP-2360, DAP-3690, DAP-2310, DAP-2310, DAP-2310, DAP-2660, DAP-2330, DAP-3662

Create

Create


Wireless Configuration

- Wireless Configuration (4/13)
- Please confirm the following settings, click Next

Profile for Device Model	<input type="checkbox"/> DAP-2590	<input type="checkbox"/> DAP-3520	<input type="checkbox"/> DAP-3690	<input type="checkbox"/> DAP-2660
	<input checked="" type="checkbox"/> DAP-2695	<input type="checkbox"/> DAP-2330	<input type="checkbox"/> DAP-3662	<input type="checkbox"/> DAP-2553
	<input type="checkbox"/> DAP-2690	<input type="checkbox"/> DAP-2360	<input type="checkbox"/> DAP-2310	
Wireless Band	2.4GHz ▼			
SSID	KingGeorgeI			
Auto Channel Selection	Enable ▼			
Channel	1 ▼			
SSID Visibility	Enable ▼			
Data Rate	1 ▼			
Beacon Interval	300			(25 to 500)
DTIM	6			(1 to 15)
Radio	On ▼			
11N Channel Width	20MHz ▼			

Wireless Configuration

- Wireless Configuration (5/13)
- Make sure DAP-2695 is selected

<input checked="" type="checkbox"/>	Status	System Name	IP	Device Type	FW Version	HW Version	Location	Label
<input checked="" type="checkbox"/>	●	DAP-2695-DV7	172.17.3.51	Standalone AP	1.16	N/A	DHQ	

Back

Next

Wireless Configuration

- Wireless Configuration (6/13)
- Set Task Name and Description, Task Type
- Click Next

Name*

DAP-2695

Description

DAP-2695 Wireless Configuration

Type

One Time Recurrent

Time Start

Immediately

Expired after

1

Hour(s)

Wireless Configuration

- Wireless Configuration (7/13)
- Confirm the settings

Task Info

Name	DAP-2695
Description	DAP-2695 Wireless Configuration
Time Start	Immediately
Expired after	1 Hour(s)

Configuration Settings

Wireless Band	2.4GHz ▾
SSID	KingGeorgeI
Auto Channel Selection	Enable ▾
Channel	1 ▾
SSID Visibility	Enable ▾
Data Rate	1 ▾
Beacon Interval	300 (25 to 500)
DTIM	6 (1 to 15)

Wireless Configuration

- Wireless Configuration (8/13)
- Confirm the settings and click Submit



Radio

On ▼

11N Channel Width

20MHz ▼

Apply to Device(s)

Status	System Name	IP	Device Type	FW Version	HW Version	Location	Model Name	Label
	DAP-2695-DV7	172.17.3.51	Standalone AP	1.16	N/A	DHQ	DAP-2695	

Back

Submit

Wireless Configuration

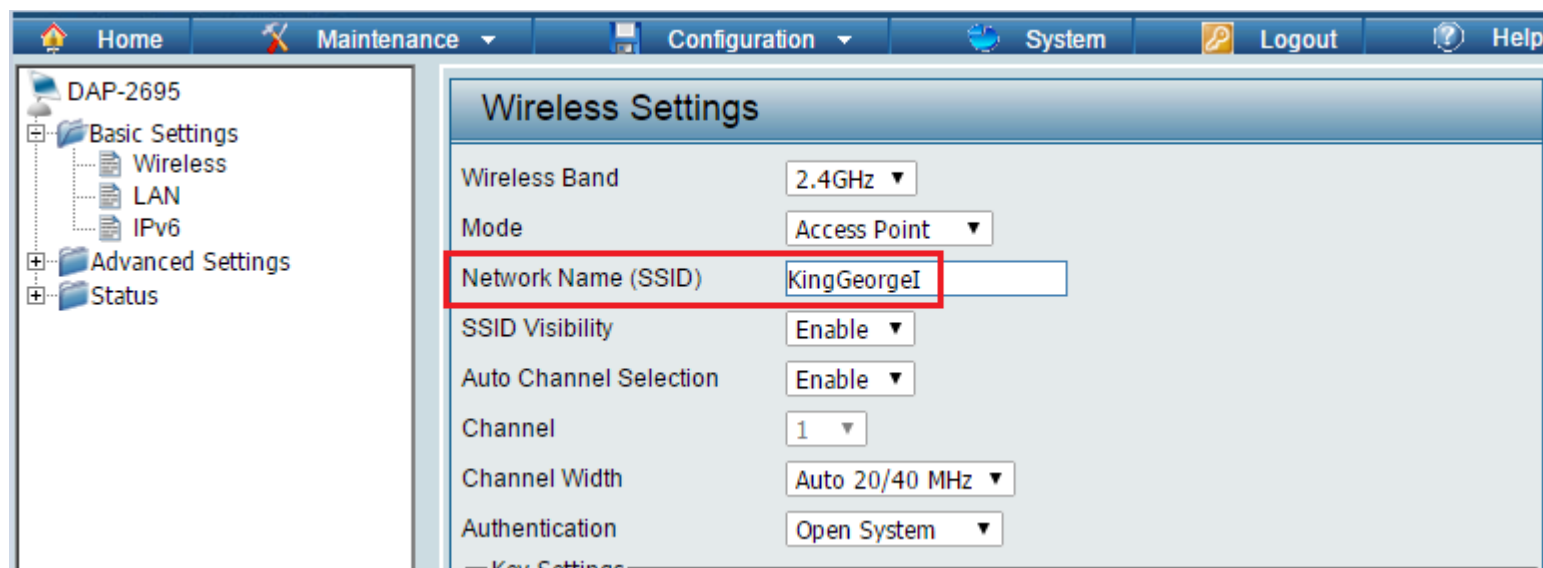
- Wireless Configuration (9/13)
- Check the status of this task
- Browse the menu of Home > Maintenance > Task Management

The screenshot displays the D-Link Task Management interface. At the top, there is a navigation bar with tabs for Dashboard, Inventory, Monitor, Maintenance (selected), and System. On the right side of the navigation bar, there are three status indicators: 'C 2', 'S 15', and 'U 3'. Below the navigation bar, the breadcrumb path is 'Home > Maintenance > Task Management'. The main content area has two tabs: 'Current Task' and 'Historical Task'. The 'Historical Task' tab is active. Below the tabs, there is a search bar labeled 'Search "Keyword"' and an 'Export' button. A table lists the tasks. The first task is highlighted, showing the following details:

Recurrent	Created Time	Start Time	End Time	Name	Function	Created by	Target Devices	Latest Result	Detail
	2016-03-07 10:55	2016-03-07 10:55	2016-03-07 10:55	DAP-2695	Profile Config	admin	1	Done	

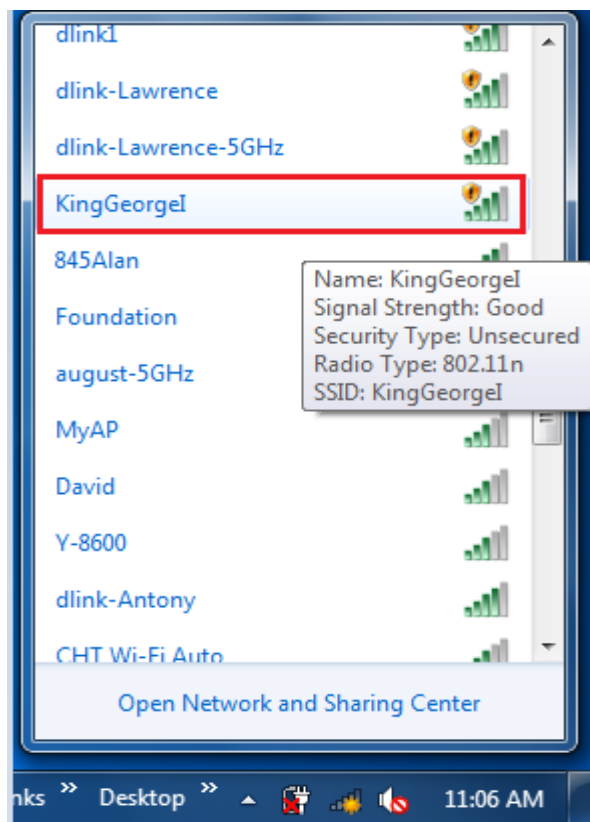
Wireless Configuration

- Wireless Configuration (10/13)
- We can verify this settings via DAP-2695 GUI config



Wireless Configuration

- Wireless Configuration (11/13)
- A user connects to this SSID



Wireless Configuration

- Wireless Configuration (12/13)
- Verify the network settings

The image shows two overlapping Windows network configuration windows. The left window, titled "Wireless Network Connection Status", displays general connection information. The right window, titled "Network Connection Details", shows a table of network properties and their values.

Wireless Network Connection Status - General

Connection

- IPv4 Connectivity: No Internet access
- IPv6 Connectivity: No network access
- Media State: Enabled
- SSID: KingGeorgeI
- Duration: 00:07:05
- Speed: 6.0 Mbps
- Signal Quality:

Activity

Sent: 18,307 Bytes | Received: 18,078 Bytes

Buttons: Properties, Disable, Diagnose, Close

Network Connection Details

Property	Value
Connection-specific DN...	dlink.com.tw
Description	Intel(R) PRO/Wireless 3945ABG Network
Physical Address	00-1C-BF-A9-52-EC
DHCP Enabled	Yes
IPv4 Address	172.17.3.62
IPv4 Subnet Mask	255.255.255.0
Lease Obtained	Monday, March 07, 2016 11:08:36 AM
Lease Expires	Tuesday, March 15, 2016 11:08:36 AM
IPv4 Default Gateway	172.17.3.254
IPv4 DHCP Server	172.17.102.210
IPv4 DNS Servers	192.168.168.249 192.168.168.201 192.168.168.250
IPv4 WINS Server	192.168.168.250
NetBIOS over Tcpi... En...	Yes

Buttons: Close

Wireless Configuration

- Wireless Configuration (13/13)
- This user is able to browse Internet (academy.dlink.com)

academy.dlink.com



Configuration Guide

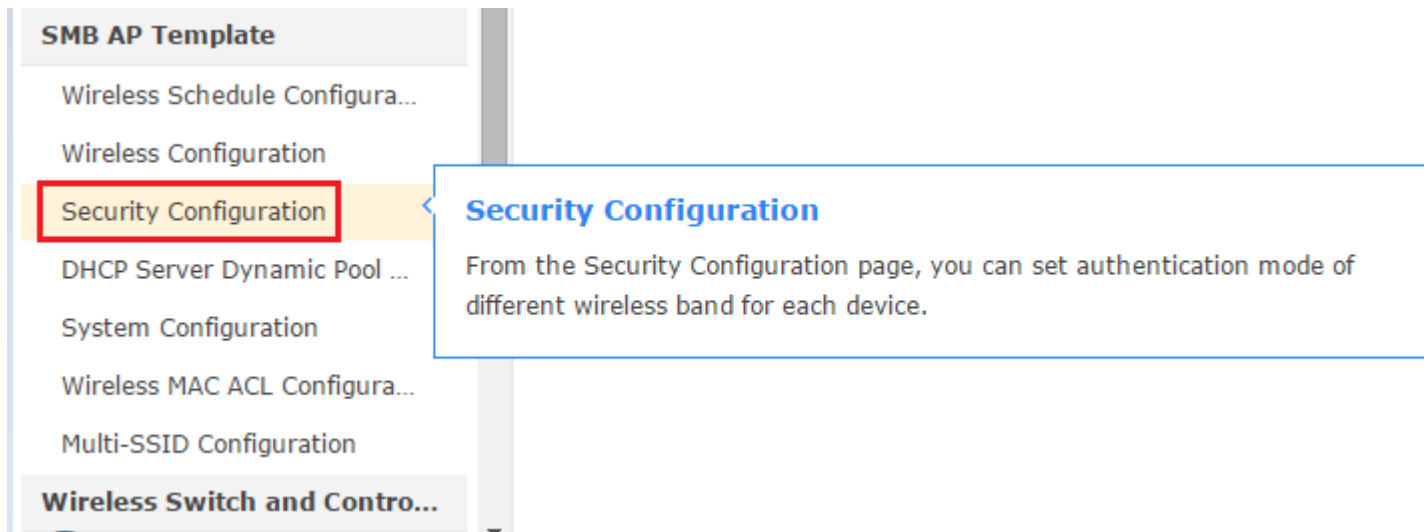
- Batch Config
- AP Template – Wireless Configuration
- **AP Template – Security Configuration**
- AP Template – Multi SSID Configuration
- AP Template – Wireless MAC ACL Configuration
- Sensor Alarm and Event View

Security Configuration

- Security Configuration (1/10)
- Scenario: You plan to configure DAP-2660 security configuration, as such a wireless client is able to connect to our network
- Key information regarding this request
 - Wireless Band: 2.4GHz
 - SSID: KingGeorgeI
 - Static WEP
 - Key value: dlink

Security Configuration

- Security Configuration (2/10)
- Browse menu: Home > Maintenance > Batch Config



The screenshot shows a web interface with a navigation menu. The menu items are:

- SMB AP Template
- Wireless Schedule Configura...
- Wireless Configuration
- Security Configuration** (highlighted with a red box)
- DHCP Server Dynamic Pool ...
- System Configuration
- Wireless MAC ACL Configura...
- Multi-SSID Configuration
- Wireless Switch and Contro...

A tooltip box is displayed next to the 'Security Configuration' menu item, containing the following text:

Security Configuration
From the Security Configuration page, you can set authentication mode of different wireless band for each device.

Security Configuration

- Security Configuration (3/10)
- Make sure DAP-2695 is in supported model list
- Click create

Security Configuration

From the Security Configuration page, you can set authentication mode of different wireless band for each device.

 Click the **CREATE** button to create batch config task with this template for a group of devices

Supported Model	Create
DAP-2553, DAP-2553, DAP-2590, DAP-3520, DAP-2690, DAP-2690, DAP-2360, DAP-2360, DAP-3690, DAP-2310, DAP-2310, DAP-2310, DAP-2660, DAP-2695 , DAP-2330, DAP-3662	Create

Security Configuration

- Security Configuration (4/10)
- Input the security characters and click Next

Profile for Device Model

<input type="checkbox"/>	DAP-2590	<input type="checkbox"/>	DAP-3520	<input type="checkbox"/>	DAP-3690	<input type="checkbox"/>	DAP-2660
<input checked="" type="checkbox"/>	DAP-2695	<input type="checkbox"/>	DAP-2330	<input type="checkbox"/>	DAP-3662	<input type="checkbox"/>	DAP-2553
<input type="checkbox"/>	DAP-2690	<input type="checkbox"/>	DAP-2360	<input type="checkbox"/>	DAP-2310		

Wireless Selection

Wireless Band

Security Configuration

Security

Key Settings

Authentication

Key Size

Key Type

Key Index(1 - 4)

Key Value

(Characters required:5)

Security Configuration

- Security Configuration (5/10)
- Make sure DAP-2695 is selected
- Click Next

<input checked="" type="checkbox"/>	Status	System Name	IP	Device Type	FW Version	HW Version	Location	Label
<input checked="" type="checkbox"/>	●	DAP-2695-DV7	172.17.3.51	Standalone AP	1.16	N/A	DHQ	▶

Back

Next

Security Configuration

- Security Configuration (6/10)
- Define Task details, as shown below
- Click Next

Name*	DAP-2695-SEC
Description	DAP 2695 Security Settings
Type	<input checked="" type="radio"/> One Time <input type="radio"/> Recurrent
Time Start	<input checked="" type="radio"/> Immediately <input type="radio"/> <input type="text"/>
Expired after	1 <input type="text"/> Hour(s)

Security Configuration

- Security Configuration (7/10)
- Confirm the settings and Click Submit

Configuration Settings

Wireless Selection

Wireless Band: 2.4GHz ▼

Security Configuration

Security: Static WEP ▼

Key Settings

Authentication: Open System ▼

Key Size: 64 ▼

Key Type: ASCII ▼

Key Index(1 - 4): First ▼

Key Value: (Characters required:5)

Apply to Device(s)

Status	System Name	IP	Device Type	FW Version	HW Version	Location	Model Name	Label
●	DAP-2695-DV7	172.17.3.51	Standalone AP	1.16	N/A	DHQ	DAP-2695	▶

Security Configuration

- Security Configuration (8/10)
- Verify Task status

Dashboard Inventory Monitor Maintenance System C 2 S 15 U 3

Home > Maintenance > Task Management

Current Task Historical Task

Task: 2 [Export](#)

Recurrent	Created Time	Start Time	End Time	Name	Function	Created by	Target Devices	Latest Result	Detail
	2016-03-07 14:12	2016-03-07 14:12	2016-03-07 14:12	DAP-2695-SEC	Profile Config	admin	1	Done	Detail
	2016-03-07 10:55	2016-03-07 10:55	2016-03-07 10:55	DAP-2695	Profile Config	admin	1	Done	Detail

Security Configuration

- Security Configuration (9/10)
- DAP-2695 GUI configuration

The screenshot shows the configuration interface for a DAP-2695 device. The main menu includes Home, Maintenance, Configuration, System, Logout, and Help. The left sidebar shows a tree view with Basic Settings (Wireless, LAN, IPv6) and Advanced Settings (Status). The main content area is titled 'Wireless Settings' and contains the following fields:

- Wireless Band: 2.4GHz
- Mode: Access Point
- Network Name (SSID): KingGeorgeI
- SSID Visibility: Enable
- Auto Channel Selection: Enable
- Channel: 1
- Channel Width: 20 MHz
- Authentication: Open System

The 'Key Settings' section is highlighted with a red box and includes:

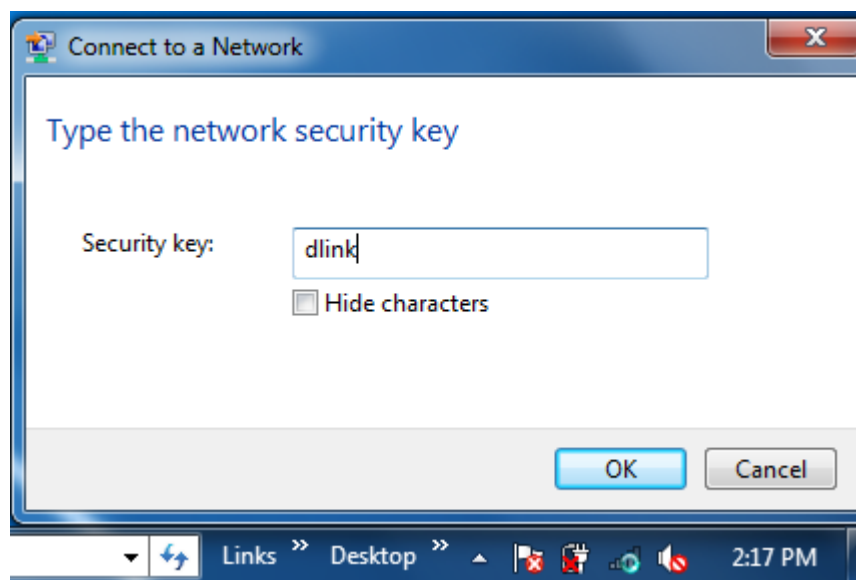
- Encryption: Disable Enable
- Key Type: ASCII
- Key Size: 64 Bits
- Key Index(1~4): 1
- Network Key: [Redacted]
- Confirm Key: [Redacted]

Below the keys, a legend indicates the allowed characters: (0-9,a-z,A-Z,~!@#\$%^&*()_+`-={[];\"|,./<>?)

A 'Save' button is located at the bottom right of the configuration area.

Security Configuration

- Security Configuration (10/10)
- The wireless user connect to this SSID and input WEP key



Configuration Guide

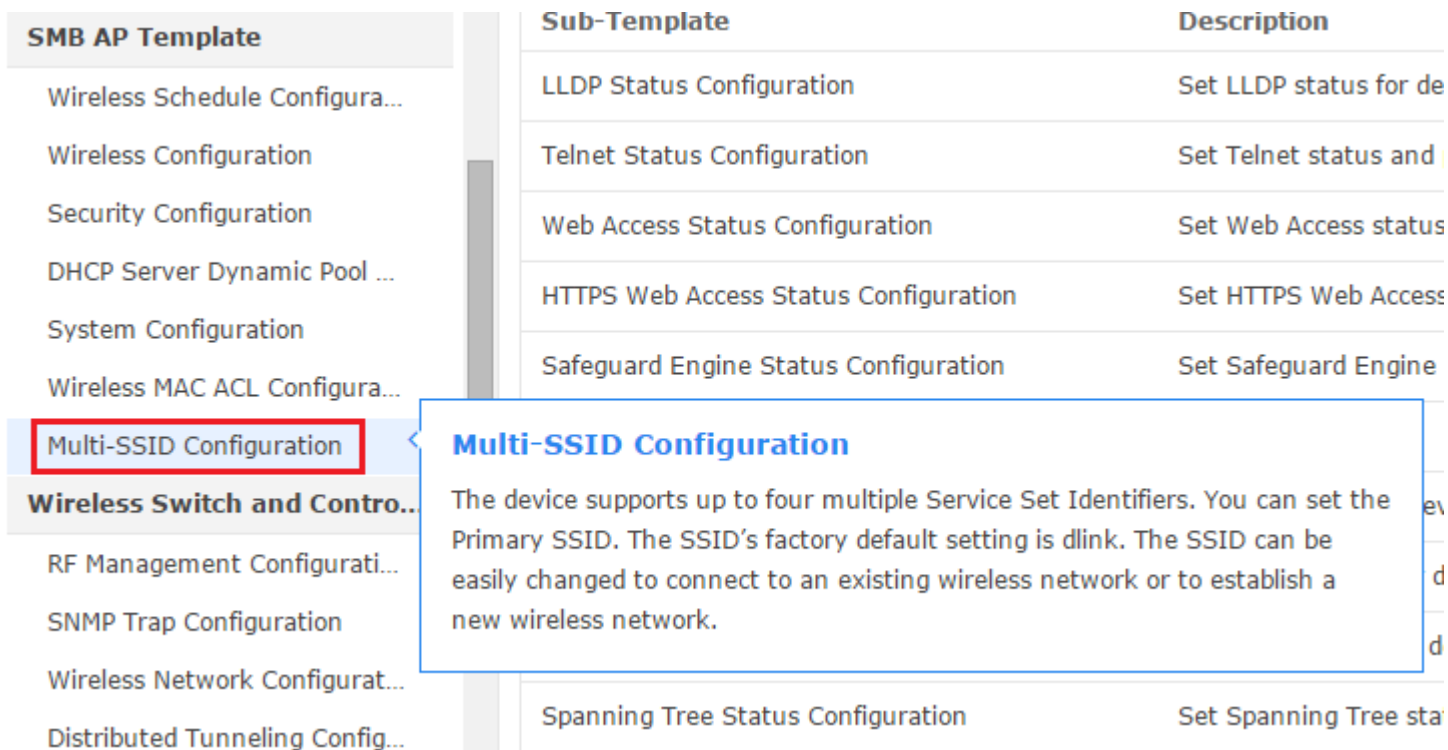
- Batch Config
- AP Template – Wireless Configuration
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- **AP Template – Multi SSID Configuration**
- AP Template – Wireless MAC ACL Configuration
- Sensor Alarm and Event View

Multi SSID Configuration

- Multi SSID Configuration (1/11)
- Scenario: You plan to configure DAP-2695 Multiple SSID Configuration.
- Key information regarding this request
 - Wireless Band: 2.4GHz
 - SSID: KingEdwardII
 - Auto Channel Selection: Enable
 - SSID Visibility: Enable
 - Security: None

Multi SSID Configuration

- Multi SSID Configuration (2/11)
- Browse the menu: Home > Maintenance > Batch Config



The screenshot shows a web-based configuration interface. On the left is a navigation menu with categories like 'SMB AP Template' and 'Wireless Switch and Control'. The 'Multi-SSID Configuration' item is highlighted with a red border. A tooltip box is overlaid on this item, containing the following text:

Multi-SSID Configuration

The device supports up to four multiple Service Set Identifiers. You can set the Primary SSID. The SSID's factory default setting is dlink. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.

On the right side of the interface, there is a table with the following data:

Sub-Template	Description
LLDP Status Configuration	Set LLDP status for de
Telnet Status Configuration	Set Telnet status and
Web Access Status Configuration	Set Web Access status
HTTPS Web Access Status Configuration	Set HTTPS Web Access
Safeguard Engine Status Configuration	Set Safeguard Engine
Spanning Tree Status Configuration	Set Spanning Tree sta

Multi SSID Configuration

- Multi SSID Configuration (3/11)
- Make sure this AP is in supported model list, click Create

Multi-SSID Configuration

The device supports up to four multiple Service Set Identifiers. You can set the Primary SSID. The SSID's factory default setting is dlink. The SSID can be easily changed to connect to an existing wireless network or to establish a new wireless network.

 Click the **CREATE** button to create batch config task with this template for a group of devices

Supported Model	Create
DAP-2553, DAP-2553, DAP-2590, DAP-3520, DAP-2690, DAP-2690, DAP-2360, DAP-2360, DAP-3690, DAP-2310, DAP-2310, DAP-2310, DAP-2660, DAP-2695 , DAP-2330, DAP-3662	Create

Multi SSID Configuration

- Multi SSID Configuration (4/11)
- Configure the wireless settings

Profile for Device Model

<input type="checkbox"/>	DAP-2590	<input type="checkbox"/>	DAP-3520	<input type="checkbox"/>	DAP-3690	<input type="checkbox"/>	DAP-2660
<input checked="" type="checkbox"/>	DAP-2695	<input type="checkbox"/>	DAP-2330	<input type="checkbox"/>	DAP-3662	<input type="checkbox"/>	DAP-2553
<input type="checkbox"/>	DAP-2690	<input type="checkbox"/>	DAP-2360	<input type="checkbox"/>	DAP-2310		

Multi-SSID Settings

Multi-SSID

Wireless Selection

Wireless Band

Wireless Settings

SSID Index

SSID Name (between 1 and 32 characters)

SSID Visibility

WMM(Wi-Fi Multimedia)

Multi SSID Configuration

- Multi SSID Configuration (5/11)
- Click Add and verify the configurations, click Next

Wireless Settings

SSID Index

SSID1 ▼

SSID Name

(between 1 and 32 characters)

SSID Visibility

Enable ▼

WMM(Wi-Fi Multimedia)

Enable ▼

Security Configuration

Security

None ▼

Add

SSID Index	SSID Name	SSID Visibility	Security	Action
SSID2	KingEdwardII	Enable	None	

Next

Multi SSID Configuration

- Multi SSID Configuration (6/11)
- Make sure DAP-2695 is selected

<input checked="" type="checkbox"/>	Status	System Name	IP	Device Type	FW Version	HW Version	Location	Label
<input checked="" type="checkbox"/>	●	DAP-2695-DV7	172.17.3.51	Standalone AP	1.16	N/A	DHQ	▶

Back

Next

Multi SSID Configuration

- Multi SSID Configuration (7/11)
- Set Task Details, then click Next

Name*	DAP-2695-2SSID
Description	DAP-2695 multiple SSID
Type	<input checked="" type="radio"/> One Time <input type="radio"/> Recurrent
Time Start	<input checked="" type="radio"/> Immediately <input type="radio"/> <input type="text"/>
Expired after	1 <input type="text"/> Hour(s)

Multi SSID Configuration

- Multi SSID Configuration (8/11)
- Confirm that task is finished
- Browse the menu Home > Maintenance > Task Management

Dashboard Inventory Monitor Maintenance System C 2 S 16 U 4

Home > Maintenance > Task Management

Current Task **Historical Task**

Task: 3

Recurrent	Created Time	Start Time	End Time	Name	Function	Created by	Target Devices	Latest Result	Detail
	2016-03-07 15:07	2016-03-07 15:07	2016-03-07 15:07	DAP-2695-2SSID	Profile Config	admin	1	Done	Q
	2016-03-07 14:12	2016-03-07 14:12	2016-03-07 14:12	DAP-2695-SEC	Profile Config	admin	1	Done	Q
	2016-03-07 10:55	2016-03-07 10:55	2016-03-07 10:55	DAP-2695	Profile Config	admin	1	Done	Q

Multi SSID Configuration

- Multi SSID Configuration (9/11)
- Verify settings from DAP-2695 GUI config

The screenshot displays the configuration interface for a DAP-2695 device. On the left, a navigation tree shows 'Multi-SSID' selected under 'Advanced Settings'. The main panel is titled 'Multi-SSID Settings' and contains the following configuration options:

- Enable Multi-SSID
- Enable Priority
- Wireless Settings:**
 - Band: 2.4 GHz
 - Index: Primary SSID
 - SSID: KingGeorgeI
 - SSID Visibility: Enable
 - Security: Open System
 - Priority: 0
 - WMM (Wi-Fi Multimedia): Enable
- Key Settings:**
 - Encryption: Disable, Enable
 - Key Type: ASCII
 - Key Size: 64 Bits
 - Key Index(1~4): 1
 - Network Key: [Redacted]
 - Confirm Key: [Redacted]

At the bottom, a table lists the configured SSIDs:

Index	SSID	Band	Encryption	Delete
Primary SSID	KingGeorgeI	2.4 GHz	Open System	
Multi-SSID1(Edit)		2.4 GHz	None	
Multi-SSID2(Edit)	KingEdwardI	2.4 GHz	None	

Multi SSID Configuration

- Multi SSID Configuration (10/11)
- A wireless client connected to KingEdwardII SSID



Multi SSID Configuration

- Multi SSID Configuration (11/11)
- Verify this wireless client network settings

The image shows two overlapping Windows network utility windows. The left window, titled "Wireless Network Connection Status", displays general connection information for the "KingEdwardII" SSID, including IPv4 connectivity (Internet), IPv6 connectivity (No network access), media state (Enabled), duration (03:56:43), speed (12.0 Mbps), and signal quality. The right window, titled "Network Connection Details", provides a table of network parameters for the connection.

Property	Value
Connection-specific DN...	dlink.com.tw
Description	Intel(R) PRO/Wireless 3945ABG Network
Physical Address	00-1C-BF-A9-52-EC
DHCP Enabled	Yes
IPv4 Address	172.17.3.62
IPv4 Subnet Mask	255.255.255.0
Lease Obtained	Monday, March 07, 2016 11:29:20 AM
Lease Expires	Tuesday, March 15, 2016 3:25:05 PM
IPv4 Default Gateway	172.17.3.254
IPv4 DHCP Server	172.17.102.210
IPv4 DNS Servers	192.168.168.249 192.168.168.201 192.168.168.250
IPv4 WINS Server	192.168.168.250
NetBIOS over Tcpip En...	Yes

Configuration Guide

- Batch Config
- AP Template – Wireless Configuration
- AP Template – Security Configuration
- AP Template – Multi SSID Configuration
- **AP Template – Wireless MAC ACL Configuration**
- Sensor Alarm and Event View

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (1/8)
- Scenario: You plan to use D-View 7's batch config in setting up Wireless MAC ACL Configuration. As such, a wireless client can not connect to that AP

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (2/8)
- Browse menu: Home > Maintenance > Batch Config

The screenshot shows a configuration interface with a sidebar on the left and a main content area on the right. The sidebar has several sections: 'SMB AP Template', 'Wireless Switch and Control...', and others. The 'Wireless MAC ACL Configuration' option is highlighted with a red box. A tooltip is shown over this option, containing the title 'Wireless MAC ACL Configuration' and a description: 'You can add a bunch of MAC addresses of wireless devices for different wireless band to enable the access control of the configured device.'

Sub-Template	Description
LLDP Status Configuration	Set LLDP status for device
Telnet Status Configuration	Set Telnet status and port f
Web Access Status Configuration	Set Web Access status and
HTTPS Web Access Status Configuration	Set HTTPS Web Access stat
Syslog Status Configuration	Set Syslog status for device
RMON Status Configuration	Set RMON status for device
Spanning Tree Status Configuration	Set Spanning Tree status fr

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (3/8)
- Assign Attributes (reject the client with MAC: 00:1C:BF:A9:52:EC)

1. Assign Attributes

Wireless MAC ACL Configuration Reset

Profile for Device Model

DAP-2590 DAP-3520 DAP-3690 DAP-2660
 DAP-2695 DAP-2330 DAP-3662 DAP-2553
 DAP-2690 DAP-2360 DAP-2310

Wireless Band: 2.4GHz ▾

Access Control List: Reject ▾

Access Control MAC List

MAC Address: Add

MAC Address	Action
No Data Found	

Next

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (4/8)
- Click Add to add this record, then, then click Next

Wireless Band

2.4GHz ▾

Access Control List

Reject ▾

Access Control MAC List

MAC Address

Add

MAC Address

Action

00:1C:BF:A9:52:EC



Next

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (5/8)
- Make sure DAP-2695 is selected

<input checked="" type="checkbox"/>	Status	System Name	IP	Device Type	FW Version	HW Version	Location	Label
<input checked="" type="checkbox"/>	●	DAP-2695-DV7	172.17.3.51	Standalone AP	1.16	N/A	DHQ	▶

Back

Next

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (6/8)
- Set Task Details

3. Set Task Details

Name*

DAP-2695-ACL

Description

DAP-2695-Wireless MAC ACL Configuration

Type

One Time Recurrent

Time Start

Immediately

Expired after

1



Hour(s)

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (7/8)
- Confirm the task is finished (Home > Maintenance > Task Management)

The screenshot displays the 'Task Management' page in the D-Link maintenance interface. The navigation bar includes 'Dashboard', 'Inventory', 'Monitor', 'Maintenance', and 'System'. The breadcrumb trail is 'Home > Maintenance > Task Management'. The 'Historical Task' tab is active, showing a list of tasks. The first task, 'DAP-2695-ACL', is highlighted with a red border. The table columns are: Recurrent, Created Time, Start Time, End Time, Name, Function, Created by, Target Devices, Latest Result, and Detail.

Recurrent	Created Time	Start Time	End Time	Name	Function	Created by	Target Devices	Latest Result	Detail
	2016-03-07 16:18	2016-03-07 16:18	2016-03-07 16:18	DAP-2695-ACL	Profile Config	admin	1	Done	
	2016-03-07 15:14	2016-03-07 15:14	2016-03-07 15:14	DAP-2695-M-SSID	Profile Config	admin	1	Done	
	2016-03-07 15:07	2016-03-07 15:07	2016-03-07 15:07	DAP-2695-2SSID	Profile Config	admin	1	Done	
	2016-03-07 14:12	2016-03-07 14:12	2016-03-07 14:12	DAP-2695-SEC	Profile Config	admin	1	Done	
	2016-03-07 10:55	2016-03-07 10:55	2016-03-07 10:55	DAP-2695	Profile Config	admin	1	Done	

Wireless MAC ACL Configuration

- Wireless MAC ACL Configuration (8/8)
- Use the wireless client with MAC: 00:1C:BF:A9:52:EC and confirm it can not connect to DAP-2695

Configuration Guide

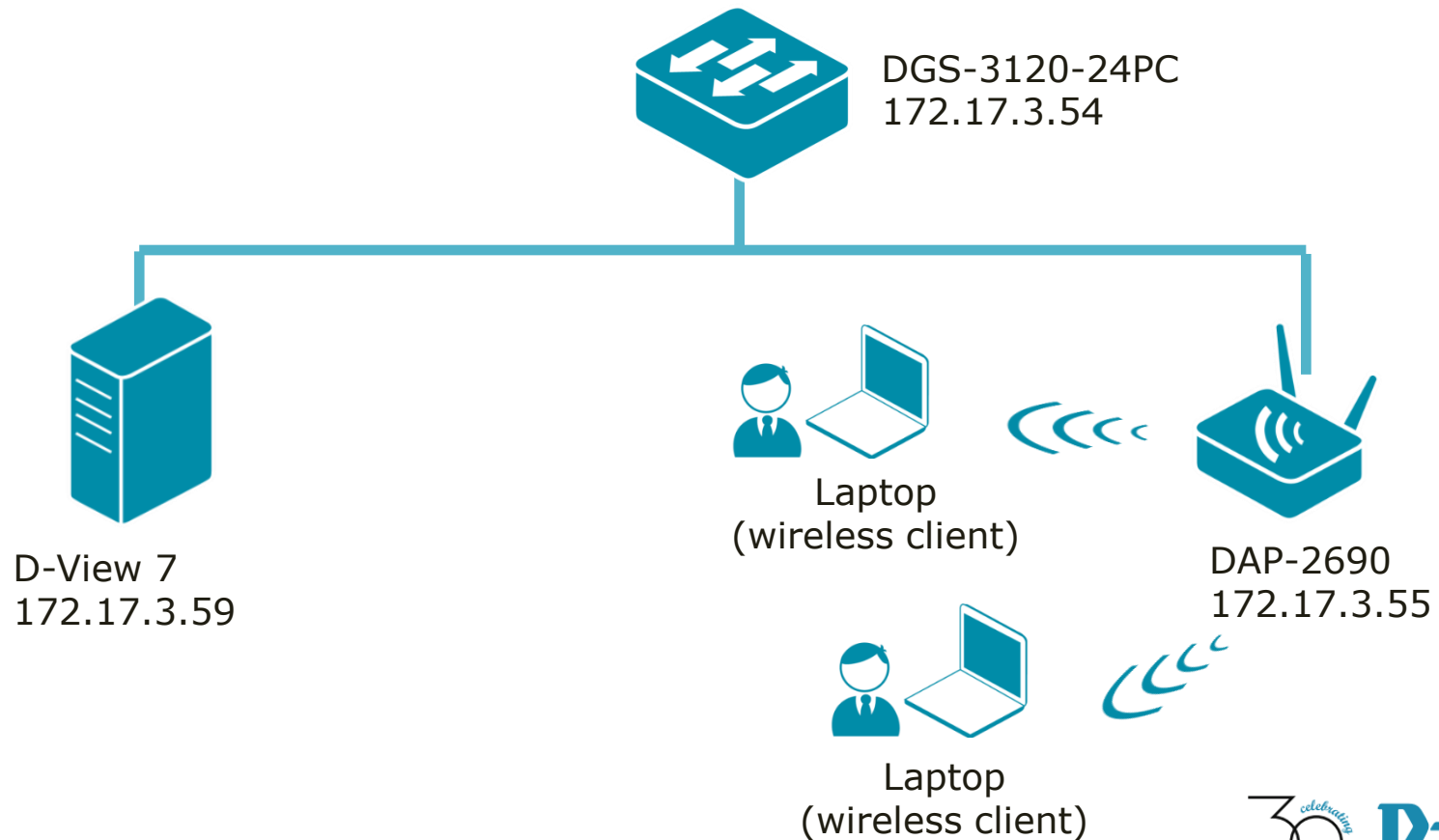
- Batch Config
- AP Template – Wireless Configuration
- AP Template – Security Configuration
- AP Template – Multi SSID Configuration
- AP Template – Wireless MAC ACL Configuration
- **Sensor Alarm and Event View**

Sensor Alarm and Escalation

- Scenario: A DAP-2690 is installed close to the CEO's office. To monitor the number of wireless client connecting to that DAP-2690, the IT manager requests the alarm function in Dview-7
- If there is 1 wireless client connected, an Info Event will show up.
- If there are 2 wireless clients connected, a Warning Event shall be presented
- If the Warning Event occurs twice, it will be escalated to a Critical Event

Network Topology

- Network Topology



Sensor Alarm and Escalation

- Sensor Alarm and Escalation (1/7)
- Create a Sensor regarding wireless client
- Menu: Home > System > Sensor Settings
- Select "Wireless Client"

Dashboard Inventory Monitor Maintenance

Home > System > Sensor Settings

Wireless Client

Collect associated client numbers

Parameters Auther

Sensor List

New Sensor

NO.	Name ^
1	Default

Name*

DAP-2690-Client

Interval


1 ▼ Min

Description

DAP-2690 wireless client connections

Sensor Alarm and Escalation

- Sensor Alarm and Escalation (2/7)
- Define the alert rule
- Make sure the escalation section is on

Setting Event Trigger Rules				Reset
Authenticated Clie...	Settings	Info Event	Warning Event	Critical Event
	Event	<input checked="" type="radio"/> ON <input type="radio"/> OFF	<input checked="" type="radio"/> ON <input type="radio"/> OFF	<input checked="" type="radio"/> ON <input type="radio"/> OFF
	Trigger	>= ▼ 1	>= ▼ 2	>= ▼ 3
	Alert when trigger repeat for	1 Times	1 Times	1 Times
	Escalation 	<input checked="" type="radio"/> ON <input type="radio"/> OFF	<input checked="" type="radio"/> ON <input type="radio"/> OFF	
	Escalation when status repeat for	1 Times	1 Times	

Back

Next

Sensor Alarm and Escalation

- Sensor Alarm and Escalation (3/7)
- Select the device for the alert rule to be applied
- Click finish

All **Selected**

<input checked="" type="checkbox"/>	Status	System Name	MAC	IP	Device Type	Model Name	Label
<input checked="" type="checkbox"/>	●	DAP-2690-DV7	78:54:2E:AD:6B:D0	172.17.3.55	Standalone AP	DAP-2690	N/A

Back **Finish**

Sensor Alarm and Escalation

- Sensor Alarm and Escalation (4/7)
- Overview configured rule

Wireless Client

Collect associated client numbers

Parameters

Authenticated Client







Supported Devices

3

Sensor List

New Sensor


Search "Keyword" 

NO.	Name ^	Interval (Min) ⇅	Events	Target Devices ⇅	Action
1	Default	1		<u>3</u>	
2	DAP-2690-Client	1	  	<u>1</u>	 

Sensor Alarm and Escalation

- Sensor Alarm and Escalation (5/7)
- Menu: Home > Inventory > DAP-2690-DV7 (172.17.3.55)
- We made two laptops connected to this SSID

DAP-2690-DV7 (172.17.3.55) Updated on: 2016-03-08 14:48:29 

Overview **Wireless** Sensors Monitor Views Settings 

Client								
IP ↕	MAC ↕	SSID ▲	Authenticated Time	↕ Connection Time ↕	RX (packets) ↕	TX (packets) ↕	RX (bits) ↕	TX (bits) ↕
172.17.3.62	00:1C:BF:A9:52:EC	President	N/A	N/A	0	0	944	1.62 K
172.17.3.29	F0:7D:68:F7:DC:09	President	N/A	N/A	0	0	2.05 K	744

Sensor Alarm and Escalation (6/7)

- Sensor Alarm and Escalation (6/7)
- In the Menu: Home > Monitor > Event View, we can view latest event

The screenshot shows the D-Link network management interface. The top navigation bar includes 'Dashboard', 'Inventory', 'Monitor', 'Maintenance', and 'System'. The 'Monitor' tab is selected. In the top right corner, there are status indicators: a red circle with 'C 4', a white box with 'S 18', and a brown box with 'U 4'. Below the navigation bar, the breadcrumb 'Home > Monitor > Event View' is visible. The main content area has a 'Device' dropdown set to 'System'. There are two buttons: 'Active Events' (selected) and 'Acknowledged Events'. A search bar labeled 'Search "Keyword"' and an 'Export' button are also present. The main table lists events with columns: Event, Time, Sensor Type, Sensor, Source, Label, Alert Message, and Transition Log. The first row is highlighted with a red border.

Event	Time	Sensor Type	Sensor	Source	Label	Alert Message	Transition Log
<input type="checkbox"/> C	2016-03-08 14:54	Wireless Client	DAP-2690-Client	DAP-2690-DV7 (172.17.3.55)	N/A	Warning Event Repeat for 1 Time(s)...	Yes
<input type="checkbox"/> C	2016-03-07 18:07	Ping	Default	DAP-2690-DV7 (172.17.3.55)	N/A	Response Time = Offline for 5 Times	No
<input type="checkbox"/> C	2016-03-04 11:53	Ping	Default	DGS-3120-24PC-DV7 (172.17.3.54)	N/A	Response Time = Offline for 5 Times	No
<input type="checkbox"/> C	2016-02-25 18:47	Ping	Default	DWL-8610AP-DV7 (172.17.3.52)	N/A	Response Time = Offline for 5 Times	No

Sensor Alarm and Escalation

- Sensor Alarm and Escalation (7/7)
- In the Transition Log, we saw the history of this event

Transition Log

Show **Active Events** Acknowledged Events

Search "Keyword"

Time	Event	Alert Message
2016-03-08 15:12	C	Warning Event Repeat for 1 Time(s)...
2016-03-08 15:08	W	Info Event Repeat for 1 Time(s)...
2016-03-08 15:06	I	Authenticated Client >= 1 for 1 Times
2016-03-08 15:05	C	Warning Event Repeat for 1 Time(s)...
2016-03-08 14:52	W	Authenticated Client >= 2 for 1 Times
2016-03-08 14:51	I	Authenticated Client >= 1 for 1 Times
2016-03-08 14:50	C	Warning Event Repeat for 1 Time(s)...
2016-03-08 14:49	W	Info Event Repeat for 1 Time(s)...
2016-03-08 14:46	I	Authenticated Client >= 1 for 1 Times
2016-03-08 14:45	C	Warning Event Repeat for 1 Time(s)...

Transition Log

Warning Event Repeat for 1 Time(s)...

[Yes](#)

« < 1 2 > »

SSID Info in Wireless tab

- Q: This configuration example indicates we use SSID "President" DAP-2690, are we able to see that information in D-View 7
- A: Home > Inventory > DAP-2690-DV7 (172.17.3.55), move the cursor to SSID section

Home > Inventory > DAP-2690-DV7 (172.17.3.55)

DAP-2690-DV7 (172.17.3.55) Updated on: 2016-03-08 15:18:05

Overview

Wireless

Sensors

Monitor Views

Settings

Client

IP	MAC	SSID	Authenticated Time	Connection Time	RX (packets)
172.17.3.29	F0:7D:68:F7:DC:09	President	N/A	N/A	0
172.17.3.62	00:1C:BF:A9:52:EC	President	N/A	N/A	0

SSID

SSID	MAC	Channel	802.11 Protocol
President	78:54:2E:AD:6B:D0	6	2.4GHz IEEE 802.11b/g/n
dlink7	78:54:2E:AD:6B:D7	6	2.4GHz IEEE 802.11b/g/n

Alarm Summary

- To view the number of alarms by sensor type
- Quiz: Where can we see a list of alarms being generated by D-View 7?
- Ans: Menu: Home > Monitor > Event View

Dashboard Inventory **Monitor** Maintenance System C 4 S 17 U 6

Home > Monitor > Event View

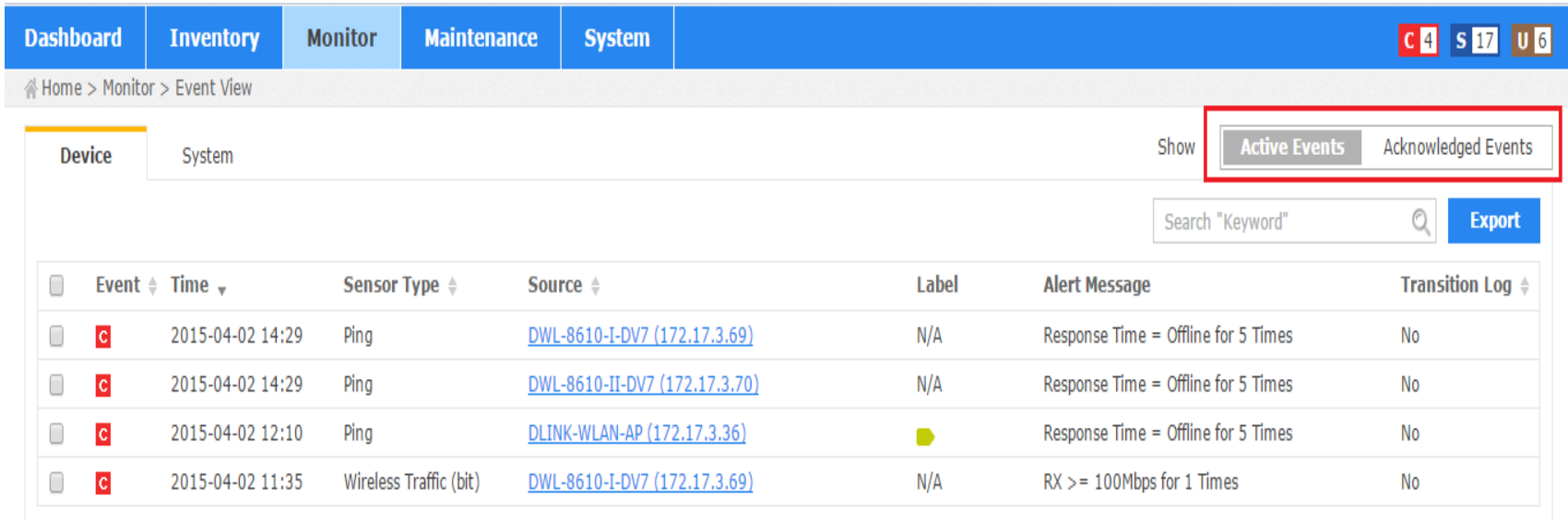
Show **Active Events** Acknowledged Events

Search "Keyword"


Device	Event	Time	Sensor Type	Source	Label	Alert Message	Transition Log
		2015-04-02 14:29	Ping	DWL-8610-I-DV7 (172.17.3.69)	N/A	Response Time = Offline for 5 Times	No
		2015-04-02 14:29	Ping	DWL-8610-II-DV7 (172.17.3.70)	N/A	Response Time = Offline for 5 Times	No
		2015-04-02 12:10	Ping	DLINK-WLAN-AP (172.17.3.36)		Response Time = Offline for 5 Times	No
		2015-04-02 11:35	Wireless Traffic (bit)	DWL-8610-I-DV7 (172.17.3.69)	N/A	RX >= 100Mbps for 1 Times	No

Alarm Summary (Cont'd)

- Quiz: Please describe the difference between "Active Events" and "Acknowledged Event," how would they apply to Network Admin's daily tasks?



The screenshot shows a network management dashboard with a blue header. The navigation menu includes Dashboard, Inventory, Monitor, Maintenance, and System. In the top right corner, there are status indicators: a red 'c' with '4', a blue 's' with '17', and a brown 'u' with '6'. Below the header, the breadcrumb path is 'Home > Monitor > Event View'. The main content area has a 'Device' dropdown set to 'System'. To the right, there is a 'Show' filter with two buttons: 'Active Events' (highlighted with a red box) and 'Acknowledged Events'. Below the filter is a search bar labeled 'Search "Keyword"' and an 'Export' button. The main table displays a list of events with the following columns: Event, Time, Sensor Type, Source, Label, Alert Message, and Transition Log. The table contains four rows of data, all with a red 'c' icon in the Event column.

Event	Time	Sensor Type	Source	Label	Alert Message	Transition Log
<input type="checkbox"/> c	2015-04-02 14:29	Ping	DWL-8610-I-DV7 (172.17.3.69)	N/A	Response Time = Offline for 5 Times	No
<input type="checkbox"/> c	2015-04-02 14:29	Ping	DWL-8610-II-DV7 (172.17.3.70)	N/A	Response Time = Offline for 5 Times	No
<input type="checkbox"/> c	2015-04-02 12:10	Ping	DLINK-WLAN-AP (172.17.3.36)		Response Time = Offline for 5 Times	No
<input type="checkbox"/> c	2015-04-02 11:35	Wireless Traffic (bit)	DWL-8610-I-DV7 (172.17.3.69)	N/A	RX >= 100Mbps for 1 Times	No



Thank You!