

Konfiguration beider LAN Ports des DAP-2695 mit Multi-SSID und verschiedenen VLAN IDs

Vorbereitung

Stellen Sie sicher, dass die aktuelle Firmware auf dem DAP-2695 installiert ist:

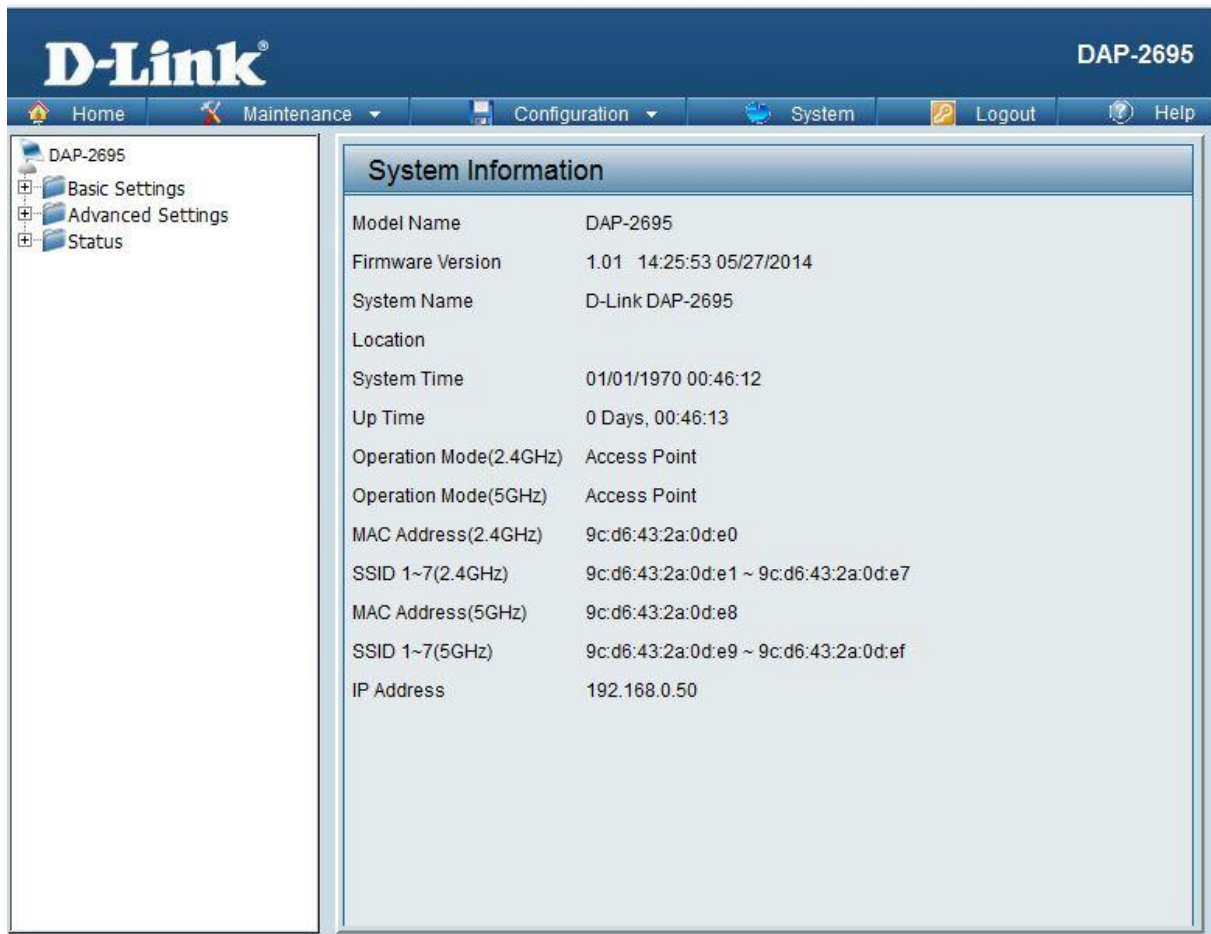
ftp://ftp.dlink.de/dap/dap-2695/driver_software/

Für die grundsätzliche Konfiguration verwenden Sie bitte das Handbuch:

<ftp://ftp.dlink.de/dap/dap-2695/documentation/>

Einrichtung

1. Verbindung zum DAP-2695 per LAN oder WLAN herstellen. Die IP Adresse ist standardmäßig 192.168.0.50

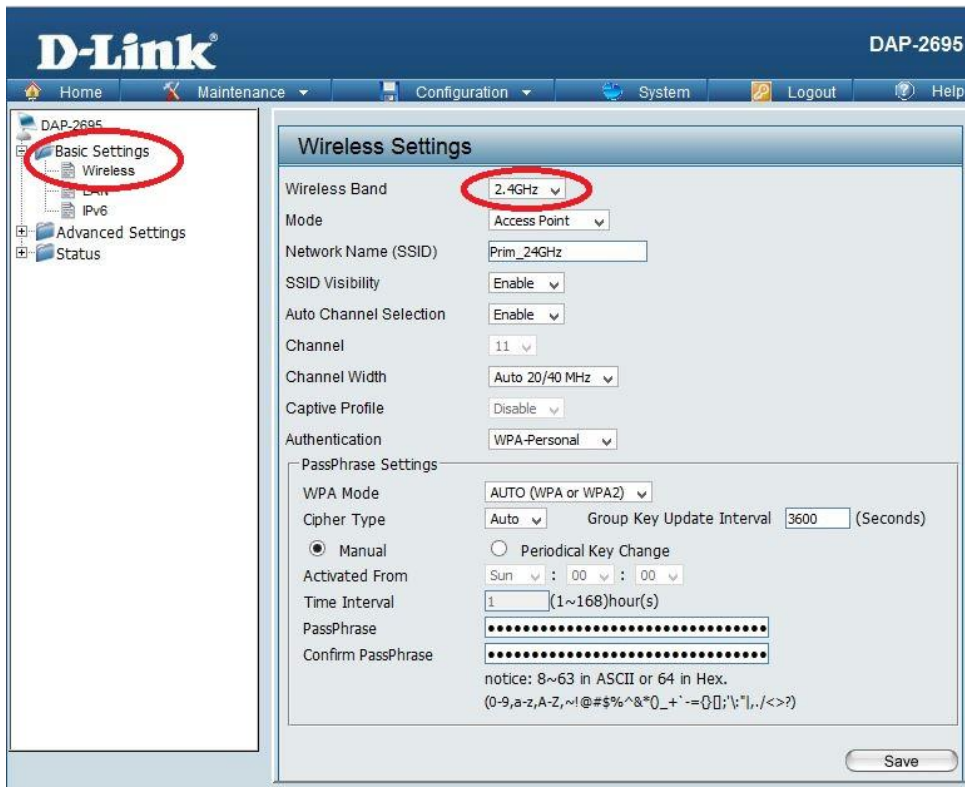


The screenshot displays the D-Link web management interface for a DAP-2695 device. The top navigation bar includes 'Home', 'Maintenance', 'Configuration', 'System', 'Logout', and 'Help'. A left sidebar shows a tree view with 'DAP-2695', 'Basic Settings', 'Advanced Settings', and 'Status'. The main content area is titled 'System Information' and contains the following data:

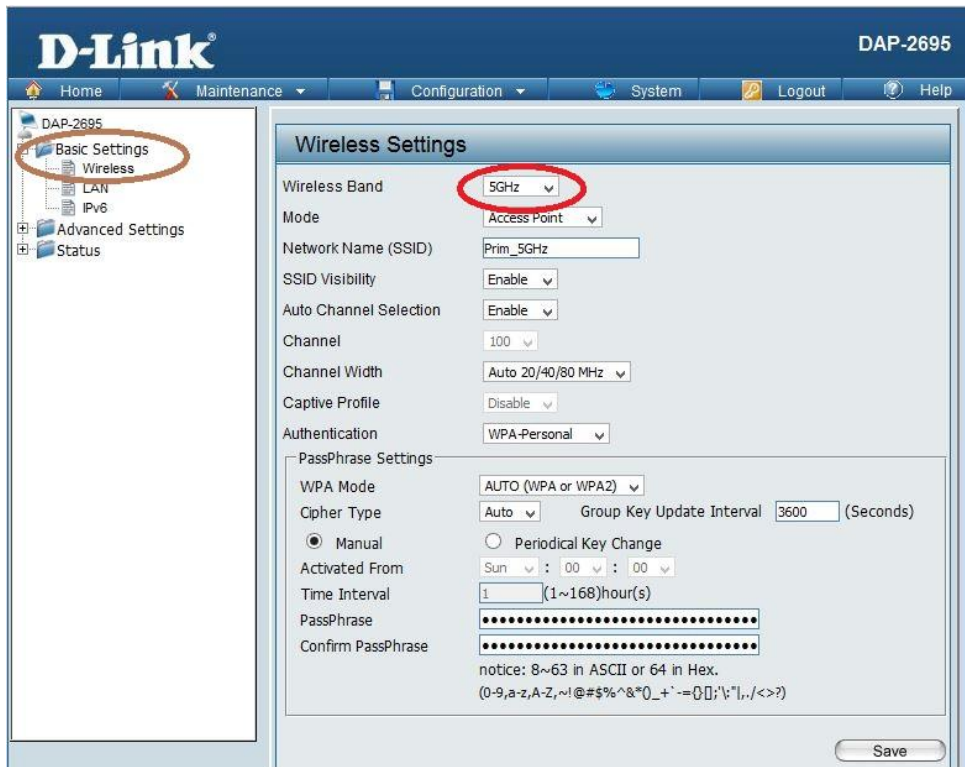
Model Name	DAP-2695
Firmware Version	1.01 14:25:53 05/27/2014
System Name	D-Link DAP-2695
Location	
System Time	01/01/1970 00:46:12
Up Time	0 Days, 00:46:13
Operation Mode(2.4GHz)	Access Point
Operation Mode(5GHz)	Access Point
MAC Address(2.4GHz)	9c:d6:43:2a:0d:e0
SSID 1~7(2.4GHz)	9c:d6:43:2a:0d:e1 ~ 9c:d6:43:2a:0d:e7
MAC Address(5GHz)	9c:d6:43:2a:0d:e8
SSID 1~7(5GHz)	9c:d6:43:2a:0d:e9 ~ 9c:d6:43:2a:0d:ef
IP Address	192.168.0.50

2. Konfiguration der Primary SSID (Basic Settings > Wireless) sowie die gewünschten Multi-SSIDs (Advanced Settings > Multi-SSID)

a. Konfiguration der primären SSID im 2.4 GHz Band



b. Konfiguration der primären SSID im 5 GHz Band



c. Konfiguration der ersten Multi-SSID im 2.4 GHz Band

The screenshot displays the D-Link DAP-2695 web interface. The left sidebar shows the navigation menu with 'Multi-SSID' and 'VLAN' highlighted. The main content area is titled 'Multi-SSID Settings' and contains the following configuration options:

- Enable Multi-SSID
- Enable Priority
- Band: 2.4 GHz
- Index: SSID 1
- SSID: S-1_24GHz
- SSID Visibility: Enable
- Security: WPA-Personal
- Priority: 0
- WMM (Wi-Fi Multimedia): Enable
- Captive Profile: Disable

The 'PassPhrase Settings' section includes:

- WPA Mode: AUTO (WPA or WPA2)
- Cipher Type: Auto
- Group Key Update Interval: 3600 (Seconds)
- Manual (selected) / Periodical Key Change
- Activated From: Sun 00:00
- Time Interval: 1 (1~168)hour(s)
- PassPhrase: [Redacted]
- Confirm PassPhrase: [Redacted]

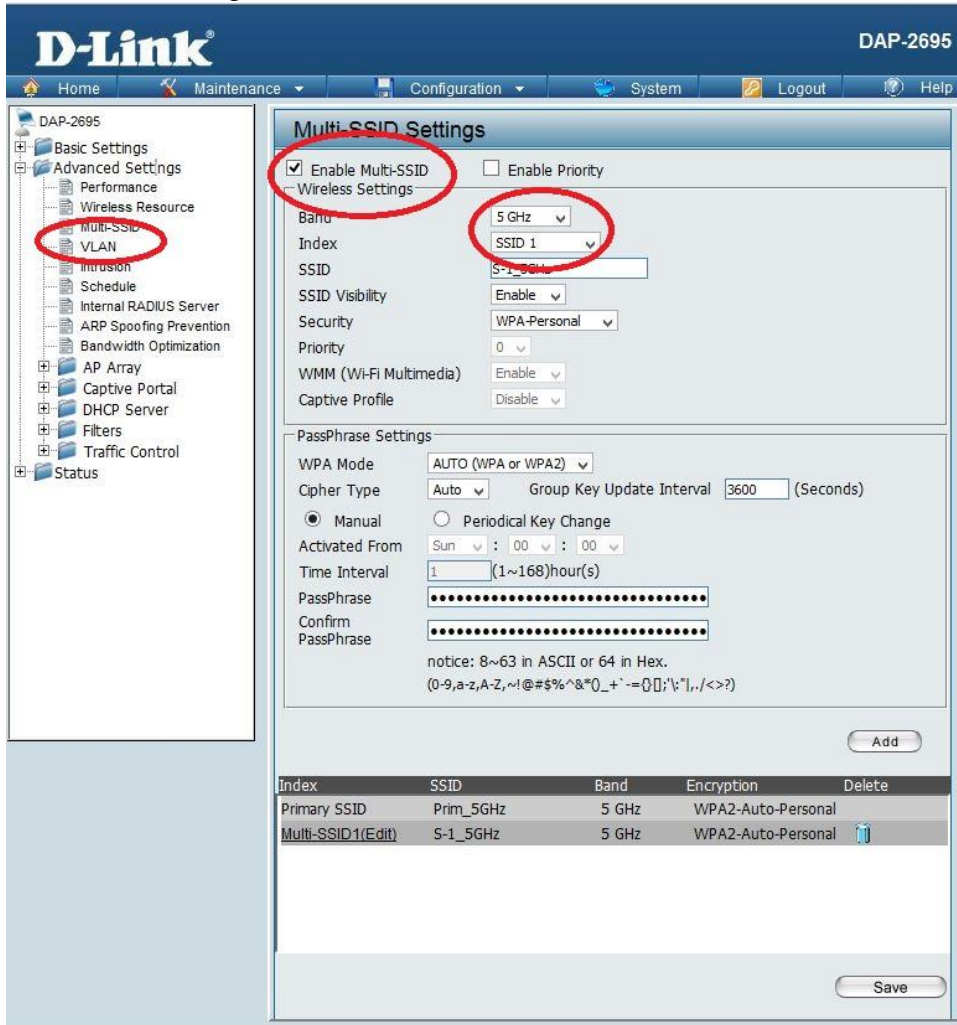
A notice at the bottom of the PassPhrase section reads: 'notice: 8~63 in ASCII or 64 in Hex. (0-9,a-z,A-Z,~!@#\$\$%^&*0_+`-='[]\';:~!.,/<>?)'

At the bottom of the settings page, there is an 'Add' button and a table listing the configured SSIDs:

Index	SSID	Band	Encryption	Delete
Primary SSID	Prim_24GHz	2.4 GHz	WPA2-Auto-Personal	
Multi-SSID1(Edit)	S-1_24GHz	2.4 GHz	WPA2-Auto-Personal	

At the bottom right of the settings page, there is a 'Save' button.

d. Konfiguration der ersten Multi-SSID im 5 GHz Band



3. Konfiguration der VLANs wie gewünscht.
Eine Beispielformatierung sieht wie folgt aus:

VLAN 2

VID: 20

Member: Mgmt untagged, Primary (2.4 GHz) untagged; LAN 1 tagged

VLAN 3

VID: 30

Member: Primary (5GHz) untagged, LAN 2 tagged

VLAN 4

VID: 40

Member: S-1 (2.4 GHz) untagged, LAN 1 tagged

VLAN 5

VID: 50

Member: S-1 (5 GHz) untagged, LAN 2 tagged

Beispielkonfiguration für VID 20 im Webmenü:

D-Link[®]
DAP-2695

Home
Maintenance
Configuration
System
Logout
Help

DAP-2695

- Basic Settings
- Advanced Settings
 - Performance
 - Wireless Resource
 - Multi-SSID
 - VLAN
 - Intrusion
 - Schedule
 - Internal RADIUS Server
 - ARP Spoofing Prevention
 - Bandwidth Optimization
- AP Array
- Captive Portal
- DHCP Server
- Filters
- Traffic Control
- Status

VLAN Settings

VLAN Status : Disable Enable Save

VLAN Mode : Static(2.4G), Static(5G)

VLAN List
Port List
Add/Edit VLAN
PVID Setting

VLAN ID (VID) VLAN Name

Port	Select All	Mgmt	LAN1	LAN2
Untag	All	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tag	All	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Not Member	All	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

2.4GHz

MSSID Port	Select All	Primary	S-1	S-2	S-3	S-4	S-5	S-6	S-7
Untag	All	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Member	All	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

WDS Port	Select All	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8
Untag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Member	All	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

5GHz

MSSID Port	Select All	Primary	S-1	S-2	S-3	S-4	S-5	S-6	S-7
Untag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Member	All	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

WDS Port	Select All	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8
Untag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tag	All	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Member	All	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Save

4. Abgeschlossene Beispielkonfiguration:

The screenshot displays the D-Link DAP-2695 web interface. The top navigation bar includes 'Home', 'Maintenance', 'Configuration', 'System', 'Logout', and 'Help'. The left sidebar shows a tree view with 'DAP-2695', 'Basic Settings', 'Advanced Settings', and 'Status'. The main content area is titled 'VLAN Settings' and contains the following configuration options:

- VLAN Status : Disable Enable
- VLAN Mode : Static(2.4G), Static(5G)

Below these options is a table with four tabs: 'VLAN List', 'Port List', 'Add/Edit VLAN', and 'PVID Setting'. The 'VLAN List' tab is active, showing the following data:

VID	VLAN Name	Untag VLAN Ports	Tag VLAN Ports	Edit	Delete
20	Test	Mgmt, Primary(2.4G)	LAN1		
30	Test2	Primary(5G)	LAN2		
40	Test3	S-1(2.4G)	LAN1		
50	Test4	S-1(5G)	LAN2		

Damit die eingerichteten VLANs im Netzwerk entsprechend weiter geleitet werden, sollten Sie den DAP-2695 an ein VLAN-fähiges Gerät (managebarer Switch etc.) anschließen. Der LAN-Port des Switches, an dem der DAP-2695 angeschlossen ist, muss entsprechend eingerichteter VLANs konfiguriert werden.