

HowTo: Central Wifi Manager (CWM-100) Einrichten eines WLAN (MultiSSID)

[Voraussetzungen]

- 1. aktuelle CWM Version (ftp://ftp.dlink.de/software/CWM-100/)
- 2. kompatibler AP mit entsprechender CWM-Firmware
 - DAP-2310 (Hardwareversion B)
 - DAP-2360 (Hardwareversion B)
 - DAP-2660 (alle)
 - DAP-2690 (Hardwareversion B)
 - DAP-2695 (alle)
 - DAP-3662 (alle)

[Topologie]



[Vorbereitung]

- ⇒ Installieren Sie den CWM entsprechend der dem Downloadpaket beigefügtem Installationsanweisungen auf dem dafür vorgesehenen Server
- ⇒ Stellen Sie sicher, dass alle APs die IP-Adresse (DNS-Namen) des Servers, welche Sie bei der Installation vergeben haben erreichen können.
- ⇒ Stellen Sie sicher, dass Sie die entsprechenden AP-Module aus dem Paket installiert haben.
- Stellen Sie sicher, dass die zu konfigurierenden APs die entsprechende CWM-Firmware aus dem Paket installiert haben.
 - Die einzelnen Schritte zum Firmwareupdate eines AP werden im entsprechenden Handbuch dargestellt. (<u>ftp://ftp.dlink.de/dap</u>)
- ⇒ Es ist nicht möglich parallel beide LAN Ports der APs zu benutzen/anzuschließen, da dies, trotz VLAN Konfiguration, zu einem LOOP im Netzwerk führen kann.



[Anlegen einer Site und Network]

- 1.) Verbinden Sie sich auf den CWM-100
 - a. Nach der Anmeldung gehen Sie auf den Reiter "Konfiguration"
 - b. Sollten Sie bisher keine Site angelegt haben drücken Sie "+" um eine neue Site anzulegen

				()2015-0	14-15 10:11 🙎 Sign Out/admin
D Central WiFiMa	nager Home	Konfiguration	System	Monitor	İ Info
Site	Configuration>Site				WALKS.
Undefined AP					
			- Site list		
	Site name	Admin member		Creation date	Modify Delete

- c. Definieren Sie nun einen Namen für die Site
- d. Fügen Sie der Site Konfigurationsbenutzer und ggfls. normale Benutzer hinzu
 i. dieser Schritt kann auch später nachgeholt werden
- e. Bestätigen Sie Ihre Eingabe mit "OK"



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D Central WiFiMa	nager 🔒	× ¢	•	<u></u>	i
	Home	Konfiguration	System	Monitor	Info
Site	Configuration>Site				
Ξ LAB					
Undefined AP			- Sito list		
	Citerrane		Oresta	Our store state	Marilla Dalata
	Site name	Admin member	Creator	Creation date	Modily Delete
	LAB	admin	admin	2015-04-15 10:16:51	

- f. Mittels "+" können Sie neue "Sites" anlegen
- g. Mittels "Modify" können Sie weitere Benutzer der Site hinzufügen



- h. Wählen Sie nun die soeben angelegte Site "LAB" aus um ein Netzwerk dieser Site anzulegen/anzupassen
- i. Mittels "+" legen Sie ein neues Netzwerk der Site an

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D Central WifiMa	ngger	\$	¢				i
	Home	Konfiguration	System	n Mor	itor		Info
Site	Configuration>Site>LAB						-
	>						0
	Network name	Admin member	Creator	Creation date	Modify	Delete	Export

- j. Definieren Sie nun einen Namen für das Netzwerk
- k. Fügen Sie der Site Konfigurationsbenutzer und ggfls. normale Benutzer hinzu
 i. dieser Schritt kann auch später nachgeholt werden
- 1. Bestätigen Sie Ihre Eingabe mit "OK"





[Anlegen eines WLAN innerhalb eines Networks einer Site]

- 1.) Wählen Sie das soeben angelegte Netzwerk der Site aus
 - a. Mittels "+" legen Sie neue Werte für die einzelnen Optionen an
 - b. Sie können nun für das Netzwerk folgenden Werte definieren
 - i. SSID
 - ii. VLAN
 - iii. Bandwith optimization
 - iv. Captive Portal
 - v. Device Settings
 - vi. Upload Configuration
 - vii. Firmware Updrade

						C 2015-04-15 1	0:27 👱 Sig	n Out/admin
D Central WiFiMa	nager	Home	Konf	iguration	System	Monitor	lnfo	
Site	Configuratio	n>Site>LAB>LAB-1st	-floor>SSID					
⊟ LAB ● ⊟ LAP-1st- ● foor	Index	SSID	Band	Security	Access control	User authentication	Modify	D elete
SSID VLAN Bandwidth optimization Captive portal RF optimization Device setting Uploading configuration Termware upgrade)							

SSID anlegen

- c. Wählen Sie das "Band" (2,4GHz oder 5 GHz (wenn der AP dies unterstützt) aus
- d. Der Index definiert ob die SSID die Base/Primäre SSID oder eine MultiSSID ist
- e. Zudem passen Sie die restlichen Einstellungen entsprechend Ihrer Anforderungen an.
- f. Mittels "Save" speichern Sie Ihre Einstellungen

Site	Configuration>Site>LAB>LA	2-TS-IICOT>SSID
e lab 😐	Baric settings	
E LAB-1st- e	Whiteless settings	
SSID	Band	2.4G 🗸
VLAN	Index	Primary 🗸
Bandwidth	SSID	24GHz_CMW_Prim
optimization	SSID broadcast	Enable 💌
Captive portal	WMM (Wi-Fi Multimedia)	Enable
RF optimization	Security	WPA2-Personal
Device setting	WPA settings	
Uploading configuration	Encryption type	AES Group key update interval 3600
Firmware upgrade	Passphrase	•••••
Undefined AP	RADIUS server	Port 1812
	RADIUS secret	



e lab 😐	Encryption type AES Group key update interval 3600	
⊟ LAB-1st- ⊖ floor	Passphrase	
SSID	RADIUS server Pott 1812	
VLAN	RADIUS secret	
Bandwidth optimization	Access control	
Captive portal	MAC address: Add Action: Disable	
RF optimization		
Device setting		
Uploading configuration		
Firmware upgrade		
Undefined AP		
	- Llagrauthentication	
	Authentication type: Disable Each configuration only allows one SSID with passcode for authentication	
	White list	
	Enable white list	
	MAC address: Add	
	Upload white list file: Upload Upload	
	Nr. MAC-Adresse Löschen	
	Save Back	

g. Wiederholen Sie diesen Vorgang bis Sie alle benötigten SSIDs angelegt haben

D Central WiFiMa	Central WifiManager		°		\$	((i-	ĺ	
		Home	Konf	iguration	System	Monitor	Info)
Site	Configurati	on>Site>LAB>LAB-1st-f	loor>SSID					
e lab 😑								
E LAB-1st-								
floor	Index							Delete
SSID	Primary	5GHz_CMW_Prim	5GHz	WPA2-Personal		Disable	B	Ē
VLAN Bandwidth optimization	SSID1	5GHz_CMW_SSID1_ VID2	5GHz	WPA2-Personal		Disable	Ø	ā
Captive portal	Primary	24GHz_CMW_Prim	2.4GHz	WPA2-Personal		Disable	EV.	Ē
RF optimization Device setting	SSID1	24GHz_CMW_SSID1 _VID2	2.4GHz	WPA2-Personal		Disable	B	Ē



VLAN anlegen/anpassen (MultiSSID)

- a. Die Anpassung der VLAN Einstellungen ist nur notwendig, wenn Sie z.B. Multi-SSID oder andere VLAN-IDs als VID=1 verwenden.
 - a. Beachten Sie, dass beim Einsatz von VLAN auch eine entsprechende 802.1Q VLAN fähige Netzwerkinfrastruktur erforderlich ist!



b. VLAN Status mittels "Enable" aktivieren und per "Save" speichern

Site	Configurati	iguration>Site>LAB>LAB-1st-floor>VLAN							
e lab 😑	VLAN statu	N status: O Disable Save							
■ LAB-1st- ● floor	VLAN-Lis	te Portliste VI	LAN hinzufügen/bearbeiten PVID-Einstellung						
SSID			-						
VLAN	VID	VLAN name	Untag VLAN ports	Tag VLAN Ports		Delete			
Bandwidth optimization			Mgmt,LAN1,LAN2,Primary(2.4G),SSID1(2.4G) SID2(2.4G),SSID3(2.4G),SSID4(2.4G),SSID5(S 2.					
Captive portal	1	default	4G),SSID6(2.4G),SSID7(2.4G),Primary(5G),SS	51	E/	Ē			
RF optimization			D1(5G),SSID2(5G),SSID3(5G),SSID4(5G),SSI	D					
Device setting			5(5G),SSID6(5G),SSID7(5G),						
Uploading configuration									
Firmware upgrade									

c. VLAN hinzufügen

- i. VLAN ID = VID
- ii. VLAN Name = Name
- iii. Anschließend die Ports dem VLAN zuweisen

Site	Configuration>Site>LAB>LAB-1s	t-floor>VLAN									
🖃 LAB 🛛 👄	VLAN status: O Disable	AN status: O Disable Save									
■ LAB-1st- ● floor	VLAN-Liste Portliste	AN-Liste Portliste CAN hinzufügen/bearbeiten PVID-Einstellung									
SSID			-								
VLAN	VLAN ID (VID) 2 VL	AN name 2]							
Bandwidth	Port:	Select all	Mgmt	LAN1	LAN2						
opumization	Untag	All	0	0	0						
Captive portal	Tag	All	0	۲	۲						
RF optimization	Not member	All	۲	0	0						
Device setting	2.4GHz										
Uploading	MSSID port	Select all	Primary	SSID1	SSID2	SSID3	SSID4	SSID5	SSID6	SSID7	
coniguration	Untag	All	0	۲	0	0	0	0	0	0	
Firmware upgrade	Tag	All	•	0	0	0	0	0	0	0	
Undefined AP	Not member	All	۲	0	۲	۲	۲	۲	۲	۲	
	5GHz										
	MSSID port	Select all	Primary	SSID1	SSID2	SSID3	SSID4	SSID5	SSID6	SSID7	
	Untag	All	0	۲	0	0	0	0	0	0	
	Tag	All	•	0	0	•	0	0	0	0	
	Not member	All	۲	0	۲	۲	۲	۲	۲	۲	



In diesem Beispiel wird das VLAN 2 "tagged" auf den LAN-Ports der APs sowie "untagged" auf der SSID1 übertragen.

Für dieses Beispiel muss zudem die SSID1 aus dem VLAN1 = default entfernt werden.

Site	Configurati	Infiguration>Site>LAB>LAB-1st-floor>VLAN						
🖃 LAB 🛛 😑	VLAN statu	AN status: O Disable Save						
■ LAB-1st- ● floor	VLAN-Lis	te Portliste VI	LAN hinzufügen/bearbeiten PVID-Einstellung					
SSID								
VLAN	VID	VLAN name	Untag VLAN ports	Tag VLAN Ports		Delete		
Bandwidth optimization			Mgmt,LAN1,LAN2,Primary(2.4G),SSID1(2.4G),S SID2(2.4G),SSID3(2.4G),SSID4(2.4G),SSID5(2.					
Captive portal	1	default	4G),SSID6(2.4G),SSID7(2.4G),Primary(5G),SSI		()	Ē		
RF optimization			D1(5G),SSID2(5G),SSID3(5G),SSID4(5G),SSID		\sim			
Device setting			5(5G),SSID6(5G),SSID7(5G),					
Uploading	2	2	SSID1(2.4G),SSID1(5G),	LAN1,LAN2,	E/	Ē		
configuration								
Firmware upgrade								

d. VLAN 1 = default auswählen

e. SSID1 auf "not member" für VLAN 1 stellen



f. Mittels "Save" bestätigen

Site	Configurati	onfiguration>Site>LAB>LAB-1st-floor>VLAN					
e lab 😐	VLAN status: O Disable I Enable Save						
□ LAB-1st- ● floor	VLAN-Lis	te Portliste VI	LAN hinzufügen/bearbeiten PVID-Einstellung				
SSID	-						
VLAN	VID	VLAN name	Untag VLAN ports	Tag VLAN Ports		Delete	
Bandwidth optimization			Mgmt,LAN1,LAN2,Primary(2.4G),SSID2(2.4G),S SID3(2.4G),SSID4(2.4G),SSID5(2.4G),SSID6(2.				
Captive portal	1	default	4G),SSID7(2.4G),Primary(5G),SSID2(5G),SSID3		E/	Ē	
RF optimization			(5G),SSID4(5G),SSID5(5G),SSID6(5G),SSID7(5				
Device setting			G),				
Uploading	2	2	SSID1(2.4G),SSID1(5G),	LAN1,LAN2,	E/	Ē	
configuration							
Firmware upgrade							



Die SSID1 Ports sind nun nur noch untagged im VLAN 2.

Für eine korrekte automatische Zuweisung der untagged VLAN IDs (VID & PVID) muss noch das PVID Auto Assign aktiviert werden.

Site	Configuration>Site>LAB>LAB-1st-floor>VLAN
🖃 LAB 😐	VLAN status: O Disable O Enable Save
E LAB-1st- ● floor	VLAN-Liste Portliste VLAN hinzufügen/bearbeiten PVID-Einstellung
SSID	
VLAN	PVID auto assign status Disable Enable
Bandwidth	Port: Mgmt LAN1 LAN2
optimization	PVID 1 1 1
Captive portal	2.4GHz
RF optimization	MSSID port Primary SSID1 SSID2 SSID3 SSID4 SSID5 SSID6 SSID7
Device setting	PVID 1 1 1 1 1 1 1 1 1 1
Uploading configuration	5GHz
Firmware upgrade	MSSID port Primary SSID1 SSID2 SSID3 SSID4 SSID5 SSID6 SSID7
Undefined AP	PVID 1 1 1 1 1 1 1 1
	Save

Sollten Sie den Auto Assign Status auf "Disabled" belassen, so müssen Sie manuell jedem Port die PVID (Per VLAN ID) zuweisen.

Damit ist eine grundlegende Einrichtung einer SITE, NETWORK und SSID abgeschlossen.

Jetzt müssen diese Einstellungen an die APs übermittelt werden.



[Anpassen & "Linken" der APs mit dem CWM]

- 2.) Exportieren der Site-Einstellungen zum "Verknüpfen" der APs mit dem CWM-100 und der Site
 - a. Gehen Sie auf die entsprechende SITE (z.B.LAB)
 - b. Dücken Sie "Export" um eine Verbindungsdatei herunterzuladen (z.B. "LAB-LAB-1st-floor.dat")
 - c. Speichern Sie diese Datei an einem Ihnen bekannten Ort (z.B. Desktop)

Site	Configuration>Site>LAB							
E LAB 🛛 🔍							0	ר
			Network list					
Undefined AP	Network name						Export	
	LAB-1st-floor	admin	admin	2015-04-15 10:23:31	E/	â		

- 3.) Verbinden Sie sich auf den AP
 - a. Maintenance => Administration Settings
 - b. Central WifiManager Settings = Enable
 - c. Enable Central WifiManager = Enable
 - d. Save = Speicher

D-Link		DAP-2695
Maintenance Maintenance Maintenance Maintenance Maintenance Firmware and SSL Certi Configuration File Time and Date Status	Configuration System ication Upload stration Settings Limit Administrator System Name Settings System Name Settings Login Settings Login Settings Console Settings SNMP Settings SNMP Settings Ping Control Setting Central WiFiManager Settice Enable Central WiFiManager Enable	Help



e. Mittels Configuration => "Save and Activate"aktivieren der Einstellungen

D-Lin1	ĸ					05		DAP-2	2695
AP-2695	Maintenance -	Cove and A Discard Ch	Configuration Configuration Configuration	e	System		Logout	۲	Help
ter and the second sec	C	entral WiFi	Manager Setting					Save)

4.) Öffnen Sie anschießend das "AP Installation Tool"

AP Installation	tool	-	in Karang	Control (Disc	press Caller	Inertian Clar	CO estanting	×
		_	_	Time Out	Retry 1	Discovery	Set IP	Set GroupInfo
IP Address	Model Name	HW Version	MAC Address	NetMask	SNMP	FW Version	Action	Status
E Salast All the D	Inicas							
Select All the D	evices							

a. Mittels "Discovery" können Sie APs im gleichen LAN erkennen

				Time Out 3	Retry 1	Discovery	Set IP	Set Grouph
Address	Model Name	HW Version	MAC Address	NetMask	SNMP	FW Version	Action	Status
92.168.10.47	DAP-2695	А	9CD6432A0DE0	255.255.255.0	 Enable 	1.11		

b. Anschließend wählen Sie den/die APs zumVerbinden aus



c. Unter Set GroupInfo wählen Sie die entsprechende Verbindungsdateiaus und übertragen diese an den/die APs

_			_	Time Out 3	Retry 1	Discovery	Set IP	Set GroupInf
PAddress	Model Name	HW	Set GroupInfo	familiari di	-	on	Action	Status
			File: Server connection test Each port can detect please click test start	whether the server is checking	connected properly, Test Cancel			
Select All the Dev	ices							

AP Installation to	ol		Time Out 3 Retry 1 Discovery Set IP Set GroupInfo
IP Address 192.168.10.47	Model Name DAP-2695	A	Set GroupInfo on Action Status File: C:\Users\\
Select All the De	vices		

				Time Out 3	Retry 1	Discovery	y Set IP	Set GroupInt
Address	Model Name	HW Version	MAC Address	NetMask	SNMP	FW Version	Action	Status
192.168.10.47	DAP-2695	А	9CD6432A0DE0	255.255.255.0	 Enable 	1.11	Config Group I	10%



				Time Out 3	Retry 1	Discovery	Set IP	Set GroupIn
Address	Model Name	HW Version	MAC Address	NetMask	SNMP	FW Version	Action	Status
192.168.10.47	DAP-2695	A	9CD6432A0DE0	255.255.255.0	 Enable 	1.11	Config Group I	OK

Der AP ist nun mit dem CWM-100 und der Site "verbunden". Nun muss noch die endgültige Konfiguration auf den AP ausgespielt werden.

- 5.) Wechseln Sie im CWM-100 in die Site, das Network auf die Option "Uploading Configuration"
 - a. Mittels "Complete" schreiben Sie die Konfiguration auf den Accesspoint

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D Central WiFiMar	nager Home	Konfiguration	System	Monitor	i Info
Site	Configuration>Site>LAB>LAB-1st-flo	or>Uploading configuration			
∃LAB 🔶	Schedule settings				
⊟ LAB-1st- ⊖ floor	Run				
SSID	Specify time				
VLAN	Specify day				
Bandwidth optimization	Date: 2015-04-15	me: 11 💌 : 47 💌 : 59 💌			
Captive portal	Day: Mon Tue Wed	Thu 🔲 Fri 🔲 Sat 🔲 Sun			
RF optimization					Complete
Device setting Uploading	Run status				
configuration	Off/on: Off				
Firmware upgrade	Next run time:				
Undefined AP	Status:				
	Deput				



Central WifiManager Image: Tent tent tent tent tent tent tent tent
Wife
Home Konfiguration System Monitor Info Site Configuration>Site>LAB-1st-floor>Uploading configuration LAB Schedule settings AB-1st-floor SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Time: 11 -: 48 -: 14 - Info Captive portal RF optimization End Complete Uploading Run status Fri Sat Sun
Site Configuration>Site>LAB-1st-floor>Uploading configuration LAB Schedule settings LAB-1st-floor Image: Run SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal RF optimization Device setting Run status
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VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: Mon Tue Wed Thu Fri Sat Sun RF optimization Complete Device setting Vploading
Bandwidth optimization Date: 2015-04-15 Time: 11 • : 48 • : 14 • Captive portal Day: Mon • Tue • Wed • Thu • Fri • Sat • Sun RF optimization Device setting Device setting Run status
Captive portal Captive portal RF optimization Device setting Uploading Run status Run status
RF optimization Device setting Uploading Run status
Device setting Uploading
Uploading Run status
Configuration Off/on: On
Undefined AP
Status: Running
Result: Update multi config 1/1
Progress.
O 2015-04-15 11:51 L Sign Out/a
Central 🛆 🔅 🛧 🛜 🔒
UifiManager 🛄 That 😽 😐 🛡
Home Konfiguration System Monitor Info
Site Configuration>Site>LAB>LAB-1st-floor>Uploading configuration
E LAB Schedule settings
floor ® Run
SSID Specify time
SSID Specify time VLAN Specify day
SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Time: 11 • : 48 • : 14 •
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SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: RF optimization Day: Device setting Kun status Optimization Officer:
SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: RF optimization Day: Device setting Run status Uploading configuration Off/on: Difficult On Firmware upgrade Next run time:
SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: Mon Tue Wed Thu Fri Sat Sun RF optimization Day: Mon Tue Wed Thu Fri Sat Sun Device setting Run status Uploading configuration Offion: Firmware upgrade Next run time: Next run time: N/A
SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: RF optimization Day: Device setting Run status Uploading configuration Off/on: Off/on: On Next run time: N/A Undefined AP Status: Result Rebonding
SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: Mon Tue Wed Thu Fri Sat Sun RF optimization Day: Mon Tue Wed Thu Fri Sat Sun Device setting Run status Uploading configuration Off/on: Firmware upgrade Next run time; N/A Status: Result: Rebooting Progress: Progress:
SSID Specify time VLAN Specify day Bandwidth optimization Date: 2015-04-15 Captive portal Day: Mon Tue Wed Thu Fri Sat Sun RF optimization Day: Mon Tue Wed Thu Fri Sat Sun Device setting Vploading Uploading Off/on: Firmware upgrade N/A Next run time: N/A Undefined AP Status: Result: Rebooting Progress:
SSID Specify time VLAN Specify day Bandwidth optimization optimization Date: 2015-04-15 Captive portal Day: Mon Tue Wed Thu Fri Sat Sun Captive portal Complete Device setting Quodading Uploading Off/on: Off/on: On Firmware upgrade N/A Undefined AP Status: Result: Rebooting Progress:
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SSID VLAN Bandwidth optimization Captive portal RF optimization Device setting Uploading configuration Firmware upgrade Undefined AP Status: Running Result: Rebooting Progress: Corruptete MA Status: Status Corruptete
SSID VLAN Bandwidth optimization Captive portal RF optimization Device setting Uploading configuration Firmware upgrade Undefined AP Status: Running Result: Rebooting Progress: Configuration Progress: System Progress: System Configuration Progress: System Configuration Co
SSID SSID SSID SSID Specify time VLAN Specify day Bandwidth optimization Captive portal RF optimization Device setting Uploading Configuration Firmware upgrade Undefined AP Status: Running Result: Result: Rebooting Progress:
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SSID VLAN Bandwidh Gdimization Captive portal RF optimization Device setting Undefined AP Status: Undefined AP Central WifiMon ager Home Configuration Site Configuration Configur
SSID Specify day Bandwidth pdimization Captive portal RF optimization Device setting Undefined AP Run status Offion: Next run time: NA Status: Rebooting Progress: Centrol WifiManager Home Konfiguration Site Configuration>Site=LAB=LAB=1st-floor>Uploading configuration Site Configuration>Site=LAB=1st-floor>Uploading configuration Site ConfigurationSite=LAB=1st-floor>Uploading configuration Site ConfigurationSite=LAB=1st-floor>Uploading configuration Site ConfigurationSite=LAB=1st-floor>Uploading configurationSite=LAB=1st-floor>Uploading configuration Site Configurati
SSID Specify lane VLAN Specify law Bandwidh Date: 015-04-15 Time: 11 + 46 + 14 + Date: 015-04-15 Time: 11 + 46 + 14 + Complete Date: 015-04-15 Time: 11 + 12 & Sign Out/c Status: Running Result: Rebooting Progress: Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-LAB-15t-Hoor-Uploading configuration Stee Configuration-Site=LAB-14B-15t-Hoor-Uploading configuration Stee Configuration Stee Configuration Stee Configuration Stee Configuration Stee Configuration Stee Configuration Stee Configuration Stee Configuration Stee Configuration Ste
SSID Specify time VLAN Specify day Bandwidth Date: 015904-15 Time: 11 + 48 + 14 + Date: 015904-15 Time: 11 + 48 + 14 + Date: 015904-15 Time: 11 + 48 + 14 + Device setting Undefined AP Run status Office: NA Status: Running Result: Rebooting Progress: Configuration Stee Configuration=Site=LAB-LAB-LAB-1st-floor=Uploading configuration Stee Configuration=Site=LAB-LAB-LAB-1st-floor=Uploading configuration Stee Configuration=Site=LAB-LAB-LAB-1st-floor=Uploading configuration VLAN Specify time Specify time Specify time Specify day Bandwidth Date: 201594-15 Time: 11 + 48 + 14 +
SSID Specify time VLAN Specify day Badwidth optimization Date: 2015-244.15 Captive portal Date: 2015-244.15 RF optimization Day: Device setting Fun status: Uploading configuration Off on: Device setting Off on: Uploading configuration Off on: Next run time: N/A Vindetined AP Status: Result: Rebooting Progress: Off on: Stel Configuration Stel Schedule settings Info Specify day Bandwidth gendmization Captive portal Specify day Bandwidth gendmization Captive portal Date: 2015:04-15 Date: 2015:04-15 Diate: 2015:04-15 Diate: 2015:04-15
SSD Specify time VLAN Specify day Barbolicht Official Captive portal Day: IF optimization Day: Device setting Undefined AP Undefined AP Status: Status: Run status Officin: On Next run time: NA Undefined AP Status: Configuration Status: Progress: Configuration Status: Result: Result: Rebooling Progress: Official Status: Configuration Status: Configuration Status: Result: Result: Rebooling Progress: Official Status: Schedule settings Undefined AP Schedule settings LAB Schedule settings LAB Schedule settings LAB Schedule settings VLNN Specify day Bandwidth Date: 201504-15 Oration Specify day <t< td=""></t<>
SSD Specify time VLAN Specify day Date: 01504:15 Time: 11 + 46 + 14 + optimization Captive portal Progress: Configuration Step: AB-1AB-1st-floor-Uploading configuration Stop Configuration Step: AB-1AB-1st-floor-Uploading configuration Stop VAN Specify day Bandwidth optimization Complete VAN Specify day Bandwidth optimization Device setting VAN Specify time VAN Specify day Bandwidth optimization Device setting VAN Specify time VAN Specify day Bandwidth optimization Device setting VAN Specify time VAN
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6.) Unter "Home" => "Site" => "LAB" ist im Network "LAB-1st-floor" der AP nun als Online erkennbar.

										()2015-04-15	11:53 <u>2</u> S	ign Out/admin
D Central WiFiMa	Central WiFiManager			Home		Konfig	uration	System	Moni	tor	In	fo
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Site LAB LAB-1st- floor	Gerä	ite-Ans	icht	Topologie-Ans	icht							•
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			Onl	ine								

Die SSID's werden nun ausgestrahlt:

