



**NetWyl Informatik**  
IT-Security Experts

# Checkpoint Einrichtung WLAN mit dynamic psk

Version 1.0

Dokument Name: Checkpoint\_Einrichtung WLAN mit dynamic psk

## Dokumentenkontrolle

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## Create New Network

- Network Details**
- DPSK Settings
- Venues
- Summary

### Network Details

Network Name \* 

 

[Set different SSID](#)

Description

Network Type \*

- Passphrase (PSK/SAE)  
Require users to enter a passphrase (that you have defined for the network) to connect
- Dynamic Pre-Shared Key (DPSK)  
Require users to enter a passphrase to connect. The passphrase is unique per device
- Enterprise AAA (802.1X)  
Use 802.1X standard and WPA2 security protocols to authenticate users using an authentication server on the network
- Captive Portal  
Users are authorized through a captive portal in various methods
- Open Network  
Allow users to access the network without any authentication/security (not recommended)

## Create New Network

- Network Details
- DPSK Settings**
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### DPSK Settings

Security Protocol

- Use the DPSK Service
- Use RADIUS Server

DPSK Service \*

[Add DPSK Service](#)

# Add DPSK service

## Settings

Service Name \*

 ✓

## Passphrase Generation Parameters

Passphrase Format \* (?)

Only letters and numbers can be used

Passphrase Length \* (?)

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Expiration \*

Never expires

By date

After...

Devices allowed per passphrase \*

Unlimited

Limited to...

 ^  
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## Create New Network

- Network Details
- **DPSK Settings**
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### DPSK Settings

Security Protocol

WPA2 (Recommended) ▼

- Use the DPSK Service
- Use RADIUS Server

DPSK Service \*

[Redacted] ▼

[Add DPSK Service](#)

Passphrase Format  
Keyboard Friendly

Passphrase Length  
12 Characters

Passphrase Expiration  
Unlimited

[Show more settings](#)

[Show less settings](#)

- VLAN**
- Network Control
- Radio
- Networking
- Advanced

VLAN Pooling

VLAN ID \*

700 ▲ ▼

Dynamic VLAN

Proxy ARP

Show less settings

VLAN	<b>Network Control</b>	Radio	Networking	Advanced
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DNS Proxy

Wi-Fi Calling

**Client Isolation**

Isolate Packets

Unicast ▼

Automatic support for VRRP/HSRP

Client Isolation Allowlist by Venue

Anti-spoofing

Logging client data to external syslog

### DHCP

Force DHCP

**DHCP Option 82**

[Show less settings](#)

- VLAN
- Network Control
- Radio**
- Networking
- Advanced

Hide SSID

### Load Control

Max Rate:

Unlimited ▼

Max clients per radio:

1  512

Enable load balancing between all radios

Enable load balancing between APs

OFDM only (disable 802.11b)

### Data Rate Control (2.4 GHz & 5 GHz)

BSS Min Rate:

12 Mbps ▼

Mgmt Tx Rate:

12 Mbps ▼

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- VLAN
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- Advanced

Enable Agile Multiband (AMB) ?

Enable 802.11k neighbor reports

Enable 802.11d ?

Client Inactivity Timeout:

Seconds



Directed MC/BC Threshold:

Per radio client count at which an AP will stop converting group addressed data traffic to unicast

Airtime Decongestion:

Join RSSI Threshold:     dBm

Transient Client Management:

Optimized Connectivity Experience (OCE)

AP Host Name Advertisement in Beacon

GTK Rekey ?

Multicast Filter ?

Multicast Rate Limiting ?

### Venues

Select venues to activate this network

1 selected <span>Activate</span>   <span>Deactivate</span>									
<input checked="" type="checkbox"/>	Venue	City	Country	Networks	Wi-Fi APs	Activated	APs	Radios	Scheduling
<input checked="" type="checkbox"/>	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	8	<input checked="" type="checkbox"/>	All APs	2.4 GHz, 5 GHz	24/7 <span>?</span>