



NetWyl Informatik
IT-Security Experts

Checkpoint Einrichtung WLAN mit dynamic psk

Version 1.0

Dokument Name: Checkpoint_Einrichtung WLAN mit dynamic psk

Dokumentenkontrolle

Version	Datum	Änderungsnotiz	Betroffene Seiten	Status	Author
1.0	10.07.2024				

Copyright 2024 NetWyl Informatik

NetWyl Informatik GmbH
Täschmattstrasse 19
6015 Luzern
info@netwyl-informatik.ch
Phone: +41 41 520 73 90

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**
- Venues
- Summary

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 * 

Expiration *

Never expires

By date

After...

Devices allowed per passphrase *

Unlimited

Limited to...

Create New Network

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

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
- Network Control**
- Radio
- Networking
- Advanced

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 ▼

Ba

- VLAN
- Network Control
- Radio
- Networking
- Advanced

Enable Agile Multiband (AMB)

Enable 802.11k neighbor reports

Enable 802.11d

Client Inactivity Timeout:
 Seconds

 Directed MC/BC Threshold:
 Seconds
 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 Activate Deactivate	Venue	City	Country	Networks	Wi-Fi APs	Activated	APs	Radios	Scheduling
<input checked="" type="checkbox"/>	[Redacted]				8	<input checked="" type="checkbox"/>	All APs	2.4 GHz, 5 GHz	24/7 ⌚