Checkpoint Firewall Installation

Version 1.0

Dokument Name: Checkpoint_Firewall Installation.pdf

Dokumentenkontrolle

Version	Datum	Änderungsnotiz	Betroffene Seiten	Status	Author
1.0	10.07.2024				

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Netzplan zeichnen

Firewall konfigurieren
WAN-Port -> Internet
Port 1 -> Client -> DHCP Einstellen
http://my.firewall oder https://192.168.1.1:4434

Ethernet-Adapter Ethernet:

   Verbindungsspezifisches DNS-Suffix:
   IPv4-Adresse . . . . . : 192.168.1.64
   Subnetzmaske . . . . . : 255.255.255.0
   Standardgateway . . . . . : 192.168.1.1
C:\Users\piotr.LAPTOP-001>ping my.firewall

Ping wird ausgeführt für my.firewall [192.168.1.1] mit 32 Bytes Daten:
Antwort von 192.168.1.1: Bytes=32 Zeit=6ms TTL=64
Antwort von 192.168.1.1: Bytes=32 Zeit=1ms TTL=64
Antwort von 192.168.1.1: Bytes=32 Zeit<1ms TTL=64
Antwort von 192.168.1.1: Bytes=32 Zeit=1ms TTL=64

CHECK POINT 1800 APPLIANCE WIZARD

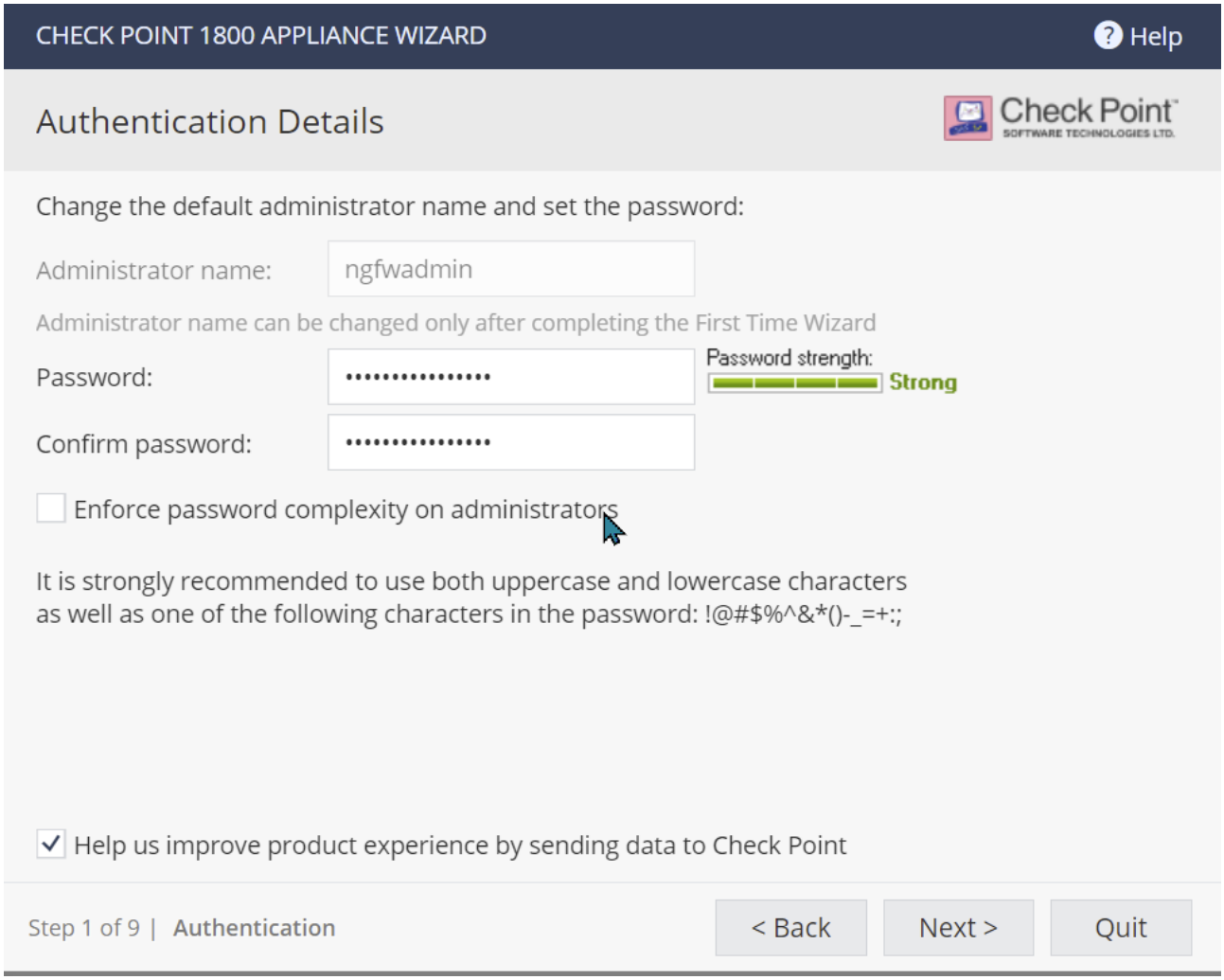
English | 日本語

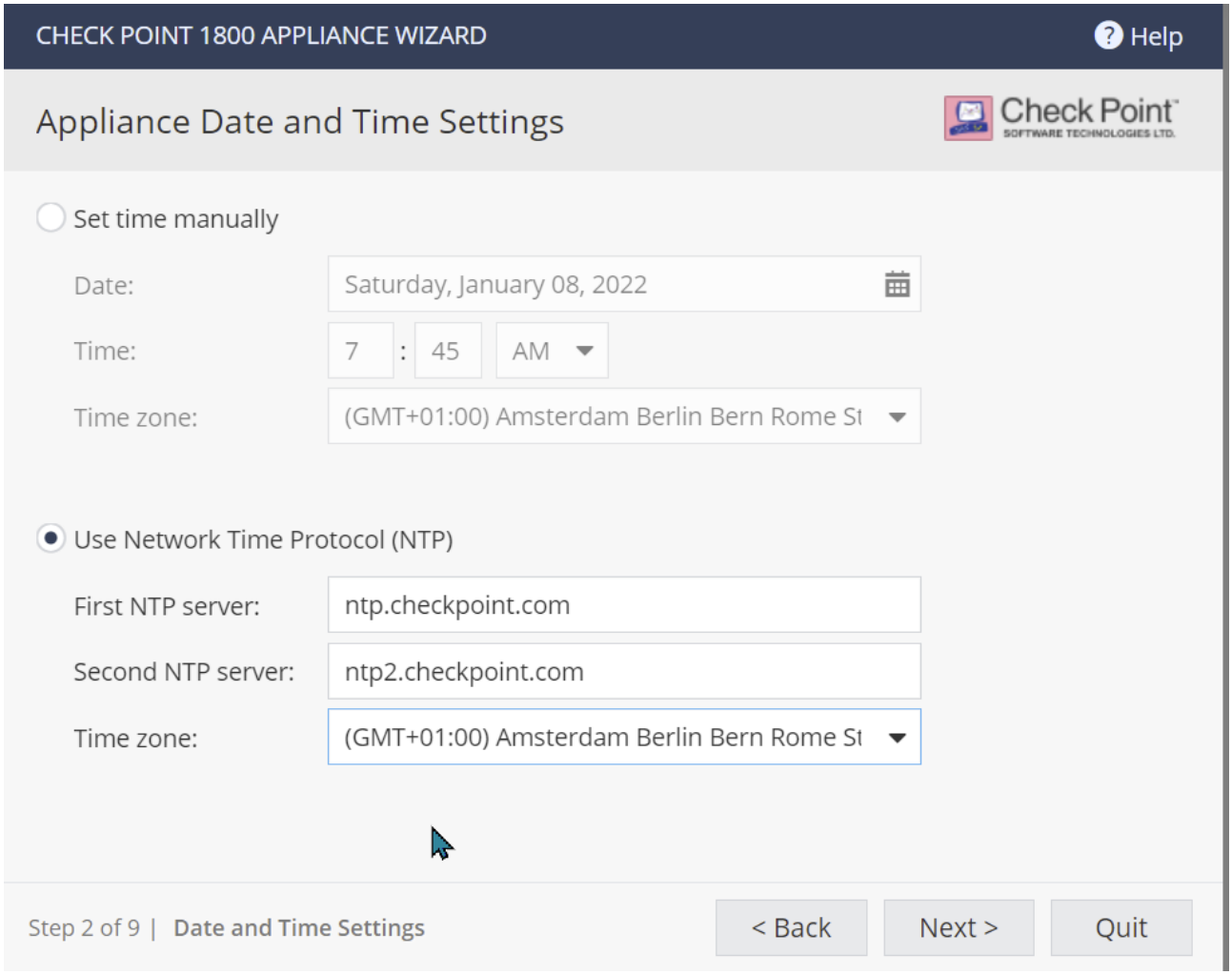
Welcome to the Check Point **1800 Appliance**
First Time Configuration Wizard

You are just a few steps away from using your new Check Point 1800 Appliance!

Fetch settings from Zero Touch

< Back | Next > | Quit


CHECK POINT 1800 APPLIANCE WIZARD
Help
Authentication Details
Check Point
SOFTWARE TECHNOLOGIES LTD.
Change the default administrator name and set the password:
Administrator name:
ngfwadmin
Administrator name can be changed only after completing the First Time Wizard
Password:
Password strength:
Strong
Confirm password:
Enforce password complexity on administrators
It is strongly recommended to use both uppercase and lowercase characters
as well as one of the following characters in the password: !@#$%^&*()-_=+:;
Help us improve product experience by sending data to Check Point
Step 1 of 9 | Authentication
< Back
Next >
Quit


CHECK POINT 1800 APPLIANCE WIZARD
Help
Appliance Date and Time Settings
Check Point
SOFTWARE TECHNOLOGIES LTD.
Set time manually
Date:
Saturday, January 08, 2022
Time:
7
45
AM
Time zone:
(GMT+01:00) Amsterdam Berlin Bern Rome St
Use Network Time Protocol (NTP)
First NTP server:
ntp.checkpoint.com
Second NTP server:
ntp2.checkpoint.com
Time zone:
(GMT+01:00) Amsterdam Berlin Bern Rome St
Step 2 of 9 | Date and Time Settings
< Back
Next >
Quit

CHECK POINT 1800 APPLIANCE WIZARD

Help

Appliance Name

Check Point
SOFTWARE TECHNOLOGIES LTD.

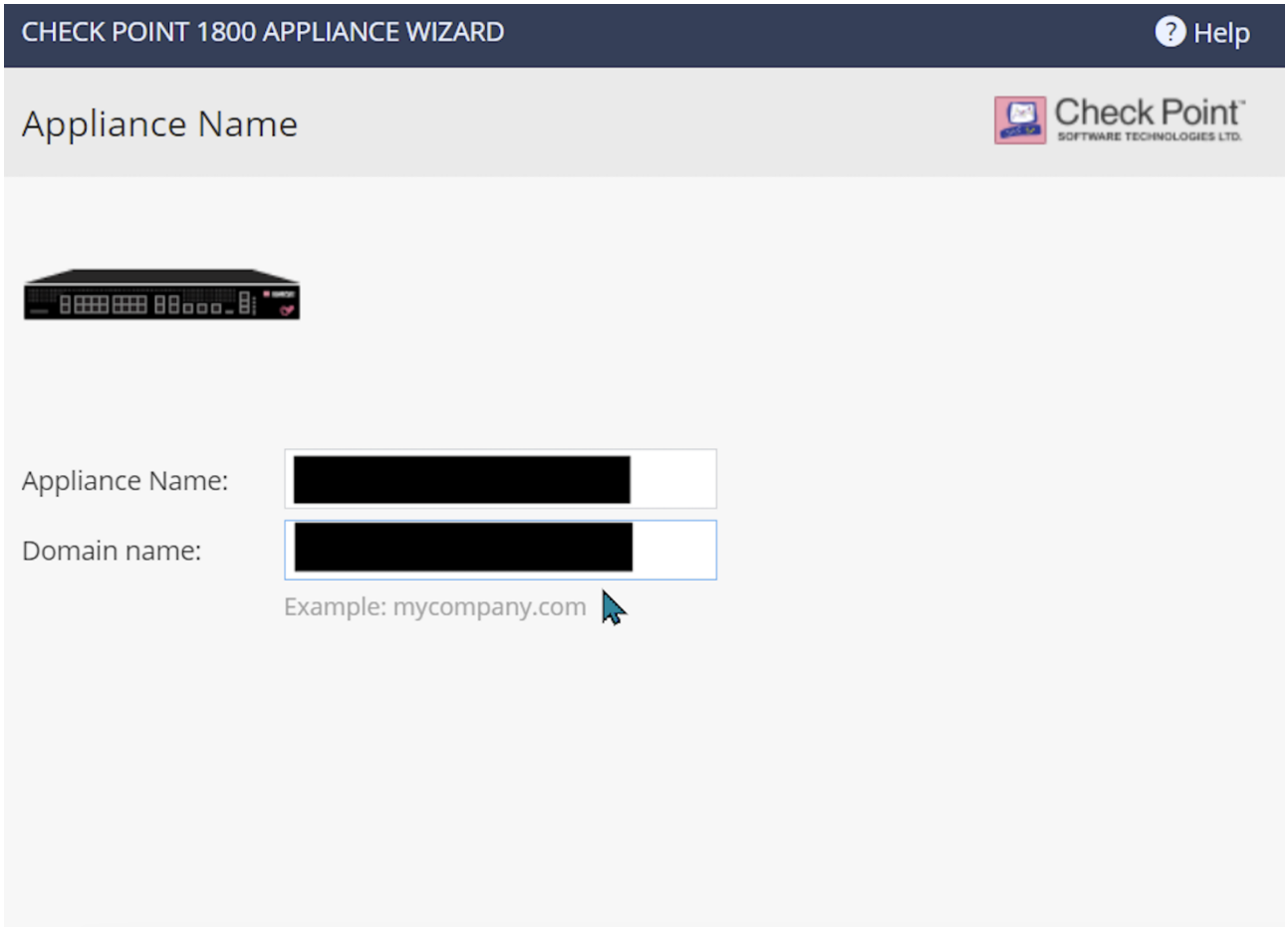
Appliance Name: [redacted]

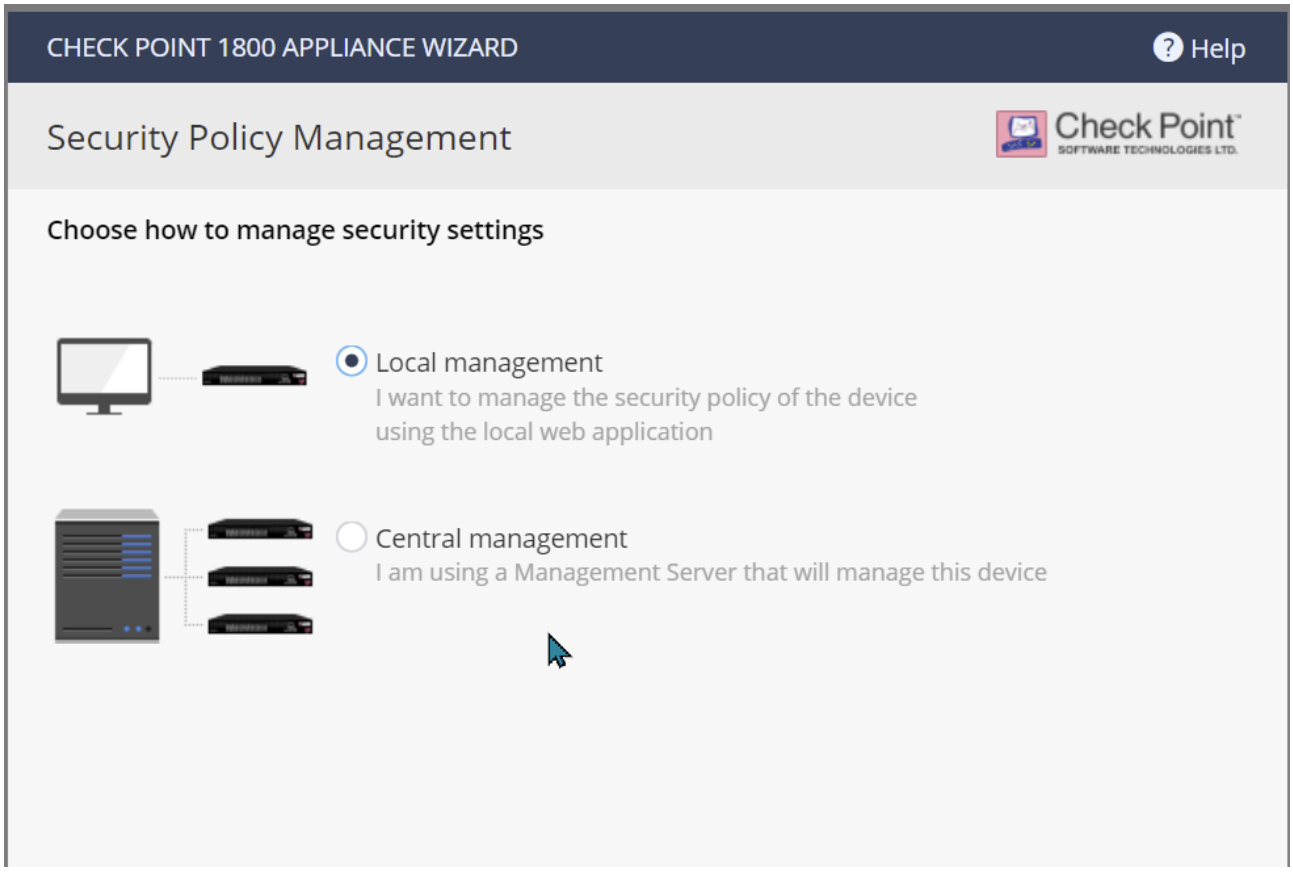
Domain name: Field is not mandatory

Example: mycompany.com

Step 3 of 9 | Appliance Name

< Back | Next > | Quit


CHECK POINT 1800 APPLIANCE WIZARD
Help
Appliance Name
Check Point
SOFTWARE TECHNOLOGIES LTD.
Appliance Name:
Domain name:
Example: mycompany.com


CHECK POINT 1800 APPLIANCE WIZARD
Help
Security Policy Management
Check Point
SOFTWARE TECHNOLOGIES LTD.
Choose how to manage security settings
Local management
I want to manage the security policy of the device
using the local web application
Central management
I am using a Management Server that will manage this device

CHECK POINT 1800 APPLIANCE WIZARD

Help

Internet Connection

Check Point
SOFTWARE TECHNOLOGIES LTD.

- (•) Configure Internet connection now

  Connection type: [redacted]

  IP address: [redacted]

  Subnet mask: [redacted]

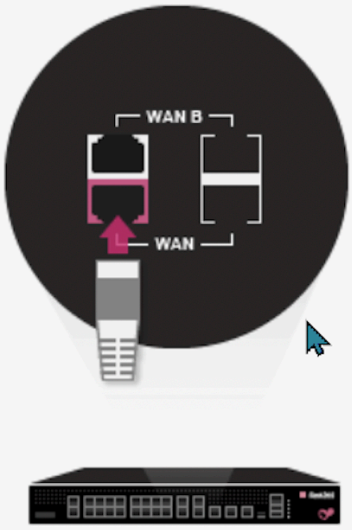
  Default gateway: [redacted]

  First DNS server: [redacted]

  Second DNS server: [redacted]

  Connect

- ( ) Configure Internet connection later



WAN link is up

Step 5 of 9 | Internet Connection

< Back | Next > | Quit

CHECK POINT 1800 APPLIANCE WIZARD

Help

Local Network

Check Point
SOFTWARE TECHNOLOGIES LTD.

LAN Settings

Enable switch on LAN ports

Network name: LAN Switch

IP address: [redacted]

Subnet mask: [redacted]

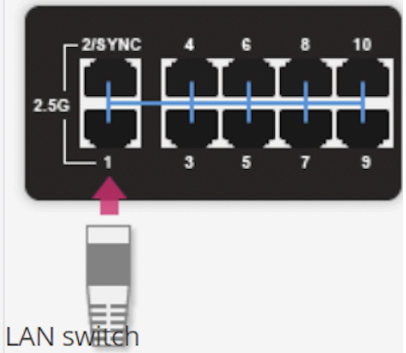
DHCP Settings

DHCP Server: Enabled

DHCP range: [redacted] : [redacted]

The device IP address is automatically excluded from the DHCP range

Exclusion range: not mandatory : not mandatory



Traffic between LAN ports is not inspected

Step 6 of 9 | LAN

< Back | Next > | Quit

CHECK POINT 1800 APPLIANCE WIZARD

Help

Administrator Access

Check Point
SOFTWARE TECHNOLOGIES LTD.

Select the sources from which to allow administrator access

☑ LAN ☑ VPN ☑ Internet

Access from the above sources is allowed from

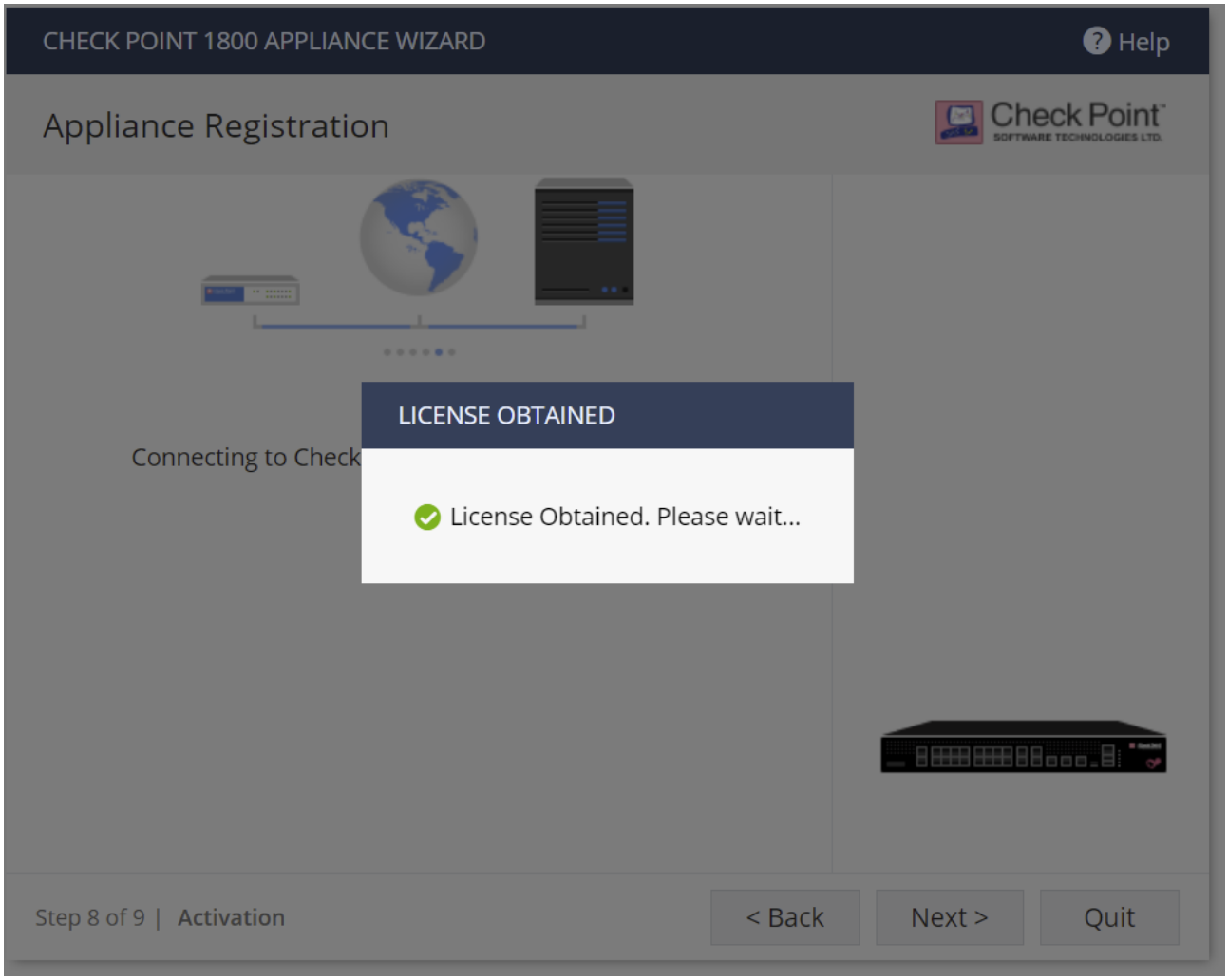
- ○ Any IP address
- ○ Specified IP addresses only
- ◉ Specified IP addresses from the Internet and any IP address from other sources

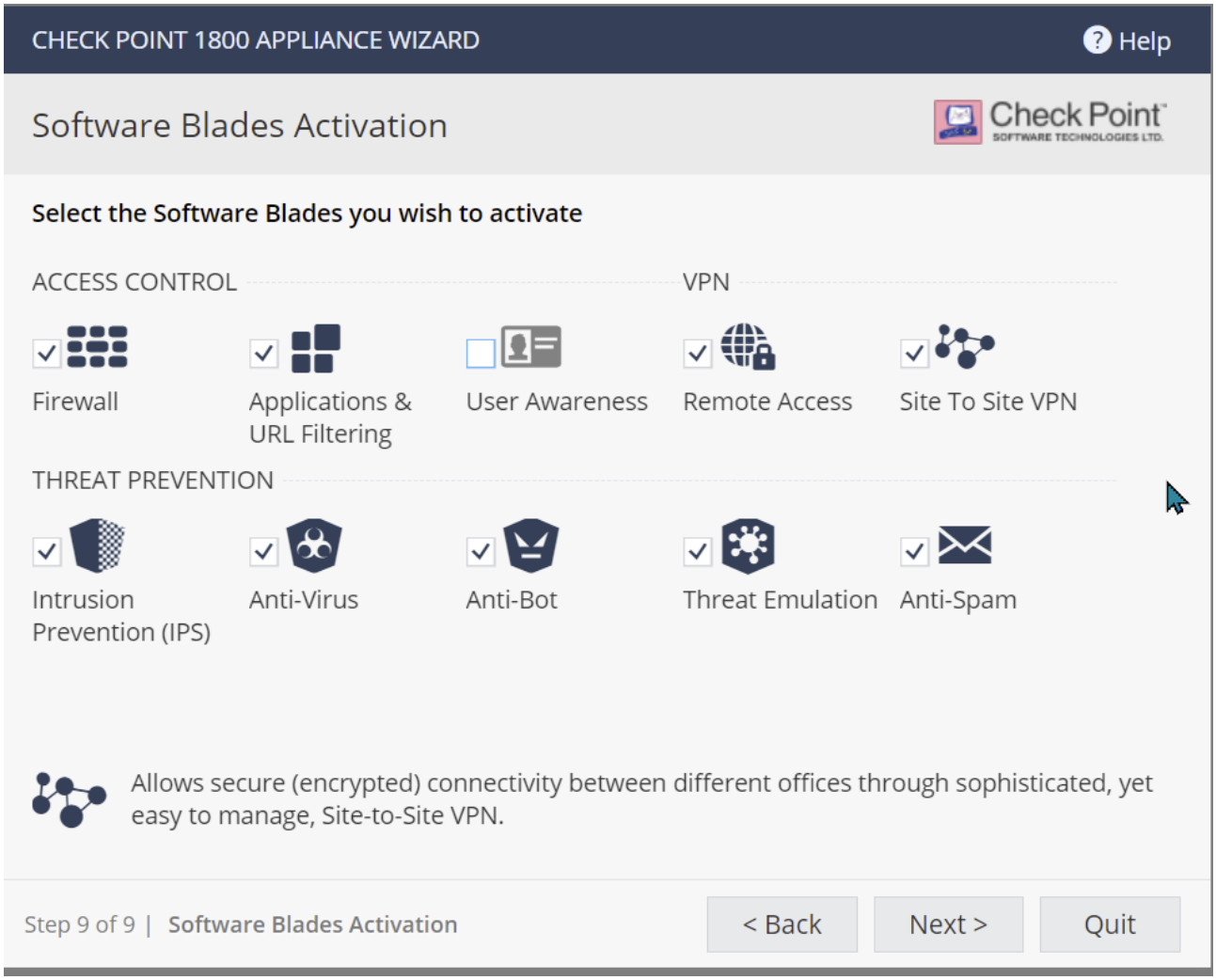
New Delete

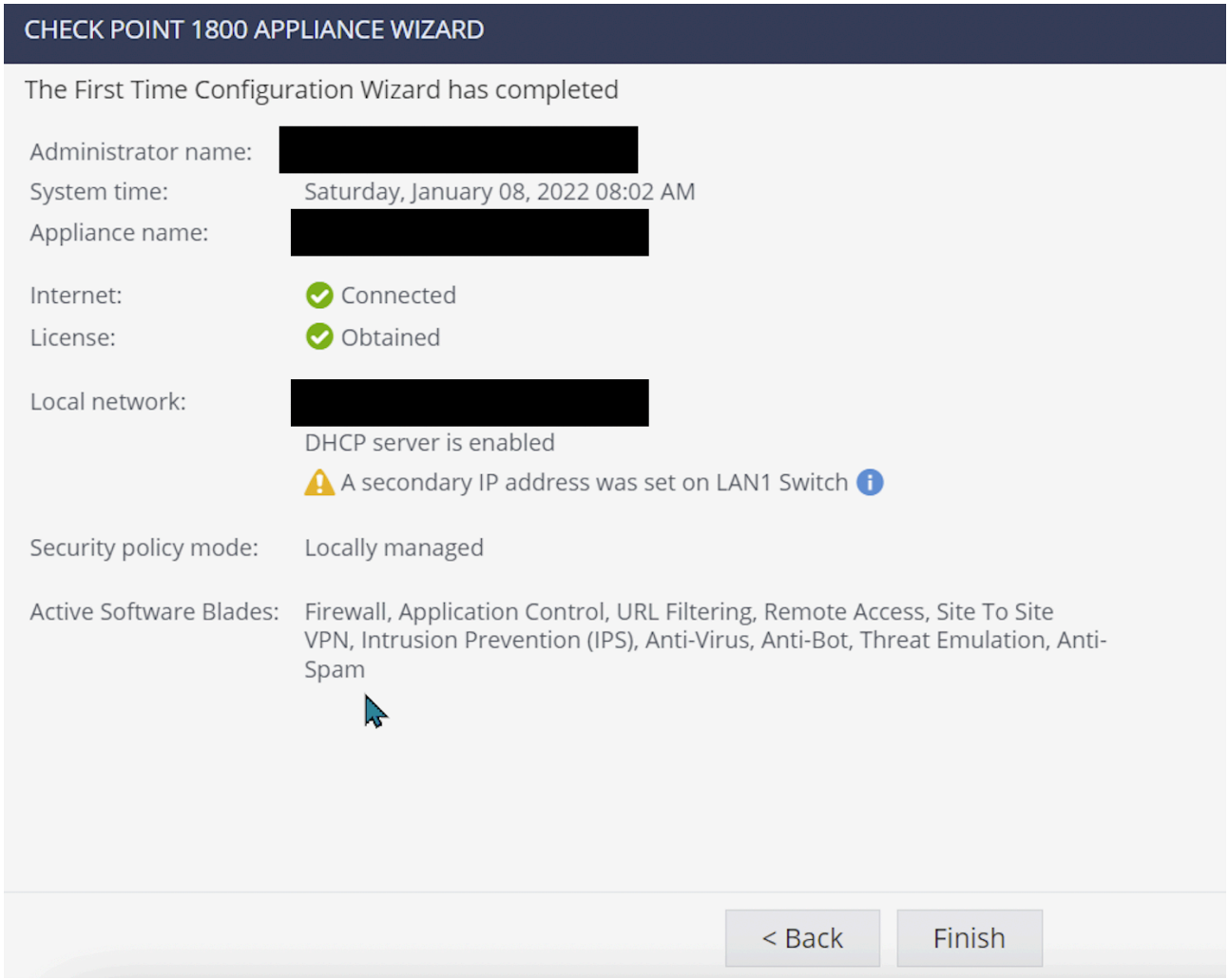
[redacted]

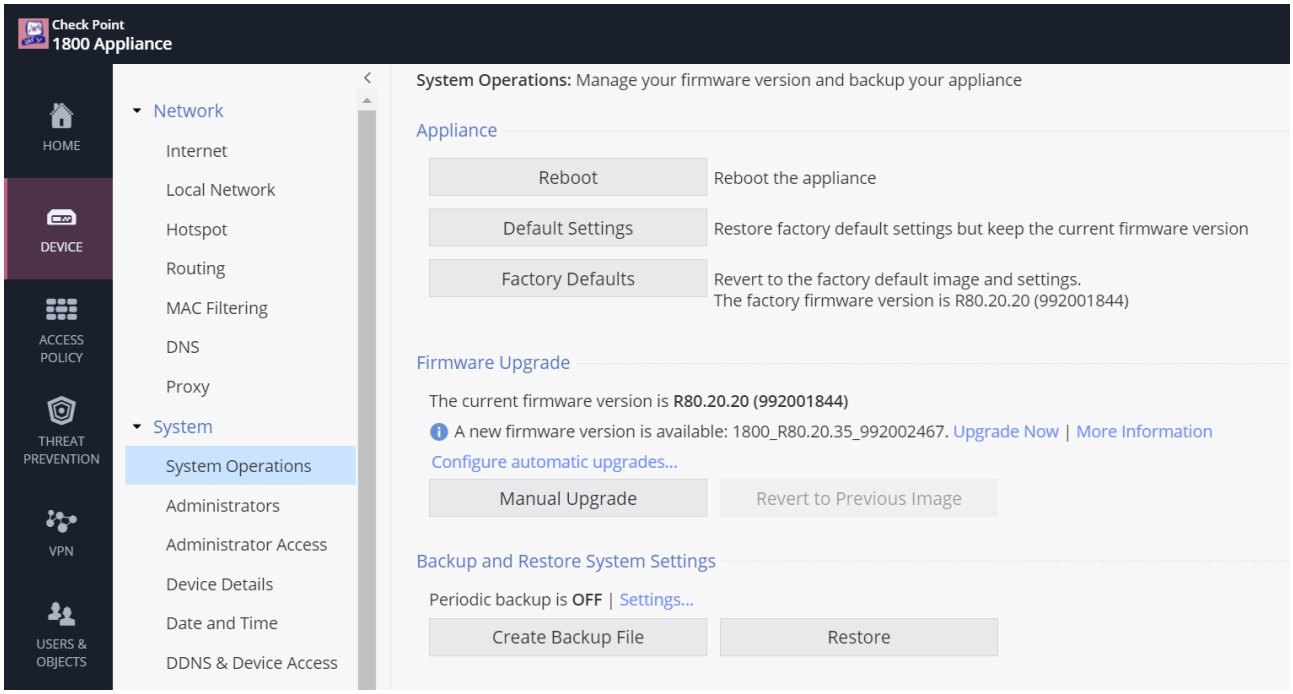
Step 7 of 9 | Administrator Access

< Back Next > Quit


CHECK POINT 1800 APPLIANCE WIZARD
Help
Appliance Registration
Check Point
SOFTWARE TECHNOLOGIES LTD.
Connecting to Check
LICENSE OBTAINED
License Obtained. Please wait...
Step 8 of 9 | Activation
< Back
Next >
Quit


CHECK POINT 1800 APPLIANCE WIZARD
Help
Software Blades Activation
Check Point
SOFTWARE TECHNOLOGIES LTD.
Select the Software Blades you wish to activate
ACCESS CONTROL
VPN
Firewall
Applications & URL Filtering
User Awareness
Remote Access
Site To Site VPN
THREAT PREVENTION
Intrusion Prevention (IPS)
Anti-Virus
Anti-Bot
Threat Emulation
Anti-Spam
Allows secure (encrypted) connectivity between different offices through sophisticated, yet easy to manage, Site-to-Site VPN.
Step 9 of 9 | Software Blades Activation
< Back
Next >
Quit


CHECK POINT 1800 APPLIANCE WIZARD
The First Time Configuration Wizard has completed
Administrator name:
System time:
Saturday, January 08, 2022 08:02 AM
Appliance name:
Internet:
Connected
License:
Obtained
Local network:
DHCP server is enabled
A secondary IP address was set on LAN1 Switch
Security policy mode:
Locally managed
Active Software Blades:
Firewall, Application Control, URL Filtering, Remote Access, Site To Site VPN, Intrusion Prevention (IPS), Anti-Virus, Anti-Bot, Threat Emulation, Anti-Spam
< Back
Finish


Check Point
1800 Appliance
HOME
DEVICE
ACCESS POLICY
THREAT PREVENTION
VPN
USERS & OBJECTS
Network
Internet
Local Network
Hotspot
Routing
MAC Filtering
DNS
Proxy
System
System Operations
Administrators
Administrator Access
Device Details
Date and Time
DDNS & Device Access
System Operations: Manage your firmware version and backup your appliance
Appliance
Reboot
Reboot the appliance
Default Settings
Restore factory default settings but keep the current firmware version
Factory Defaults
Revert to the factory default image and settings.
The factory firmware version is R80.20.20 (992001844)
Firmware Upgrade
The current firmware version is R80.20.20 (992001844)
A new firmware version is available: 1800_R80.20.35_992002467. Upgrade Now | More Information
Configure automatic upgrades...
Manual Upgrade
Revert to Previous Image
Backup and Restore System Settings
Periodic backup is OFF | Settings...
Create Backup File
Restore

1600 and 1800 Series Security Gateways	Technical Level

Rate This
My Favorites
EmailPrint

Solution ID	[redacted]
Technical Level	
Product	[redacted]
Version	R80.20
OS	Gaia Embedded
Platform / Model	1600, 1800
Date Created	03-Feb-2021

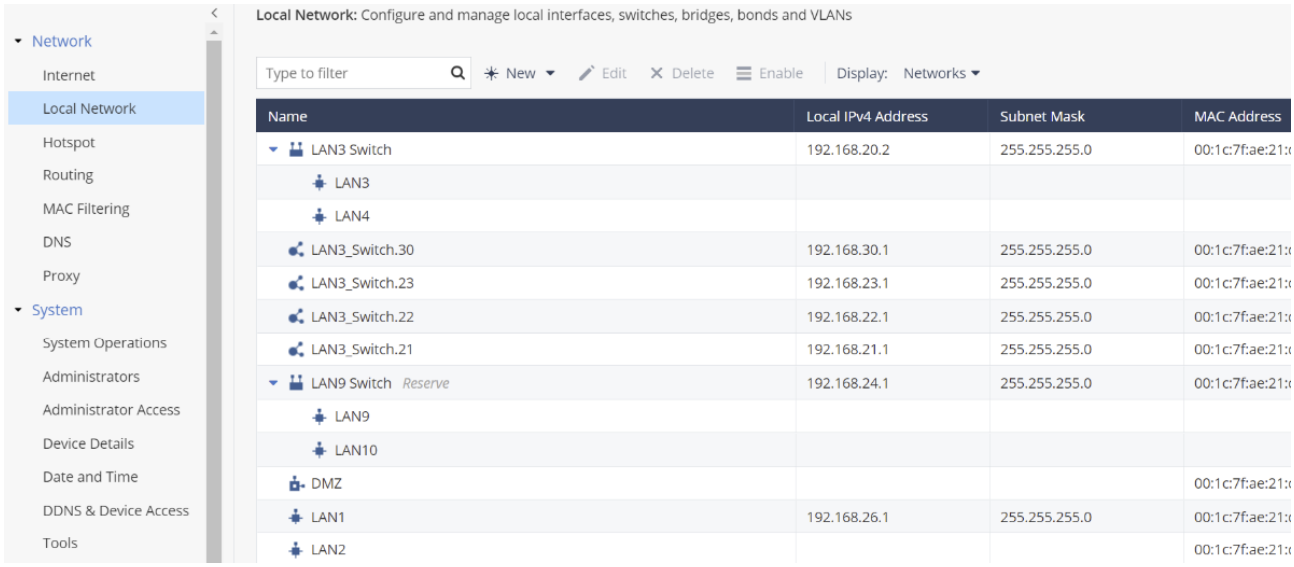
Aus
<https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk168880>

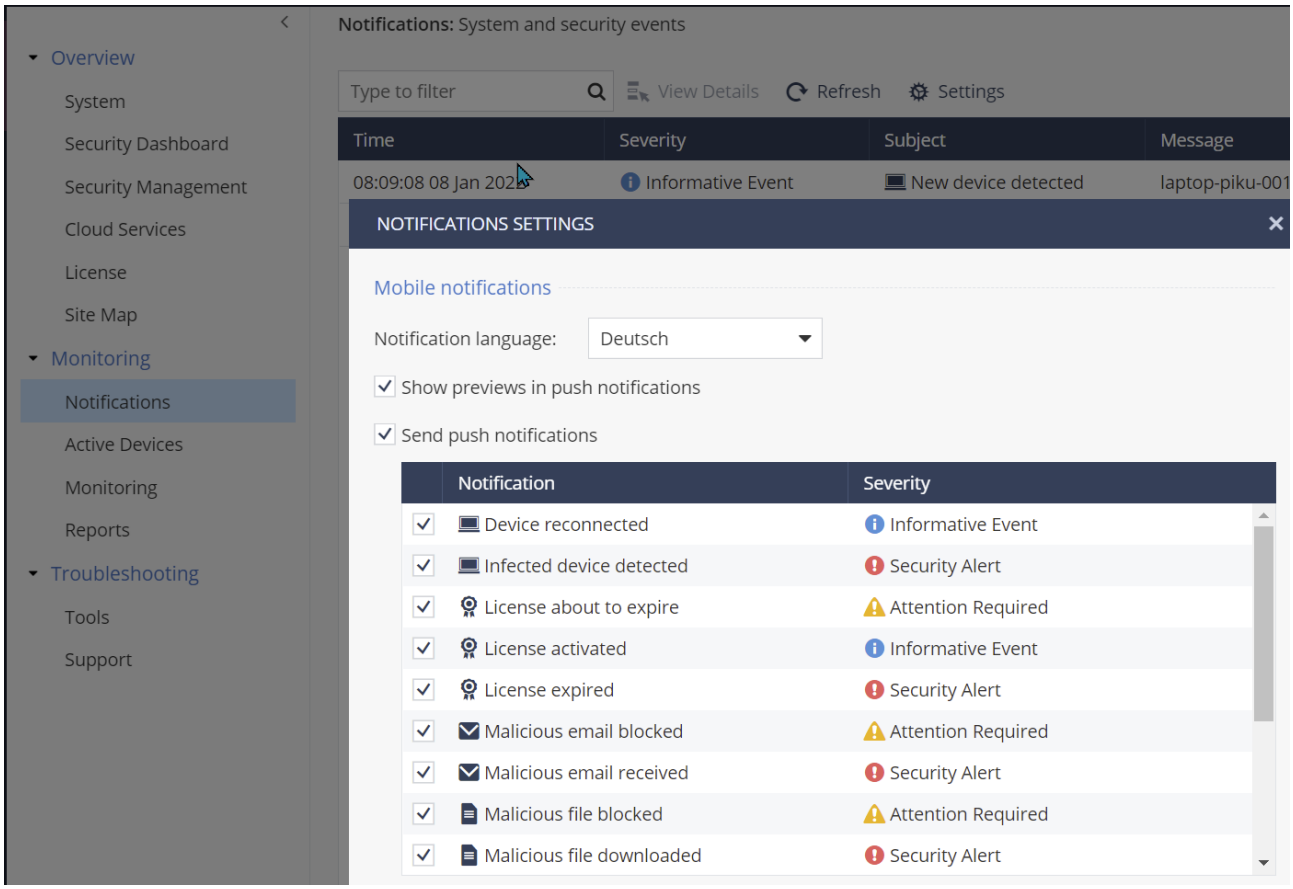
Quantum Spark Appliances R80.20 Releases	Technical Level

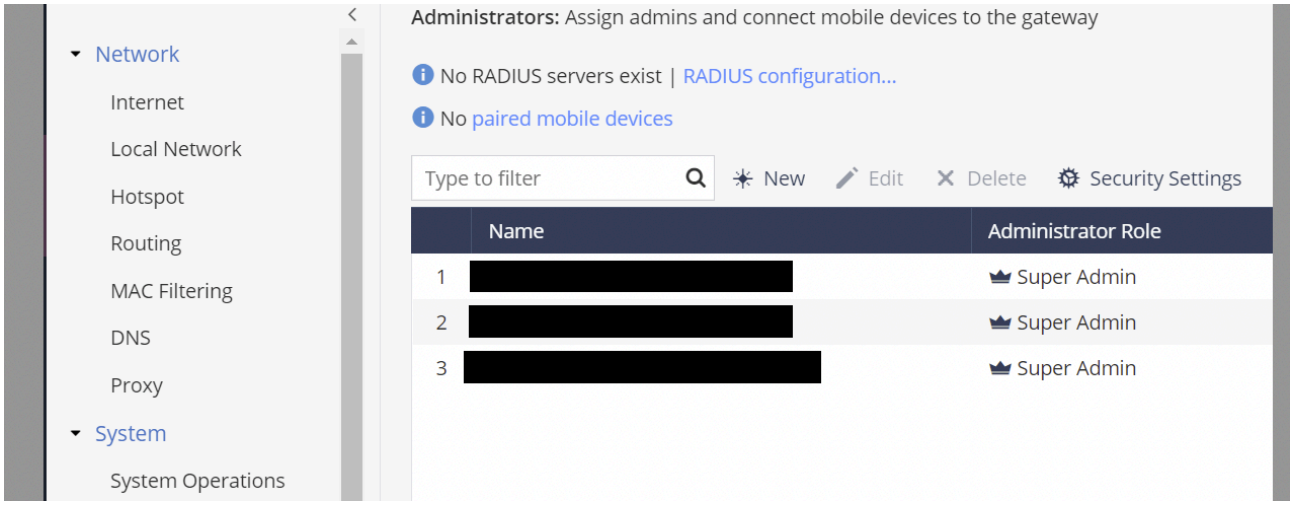
Rate This
My Favorites
EmailPrint

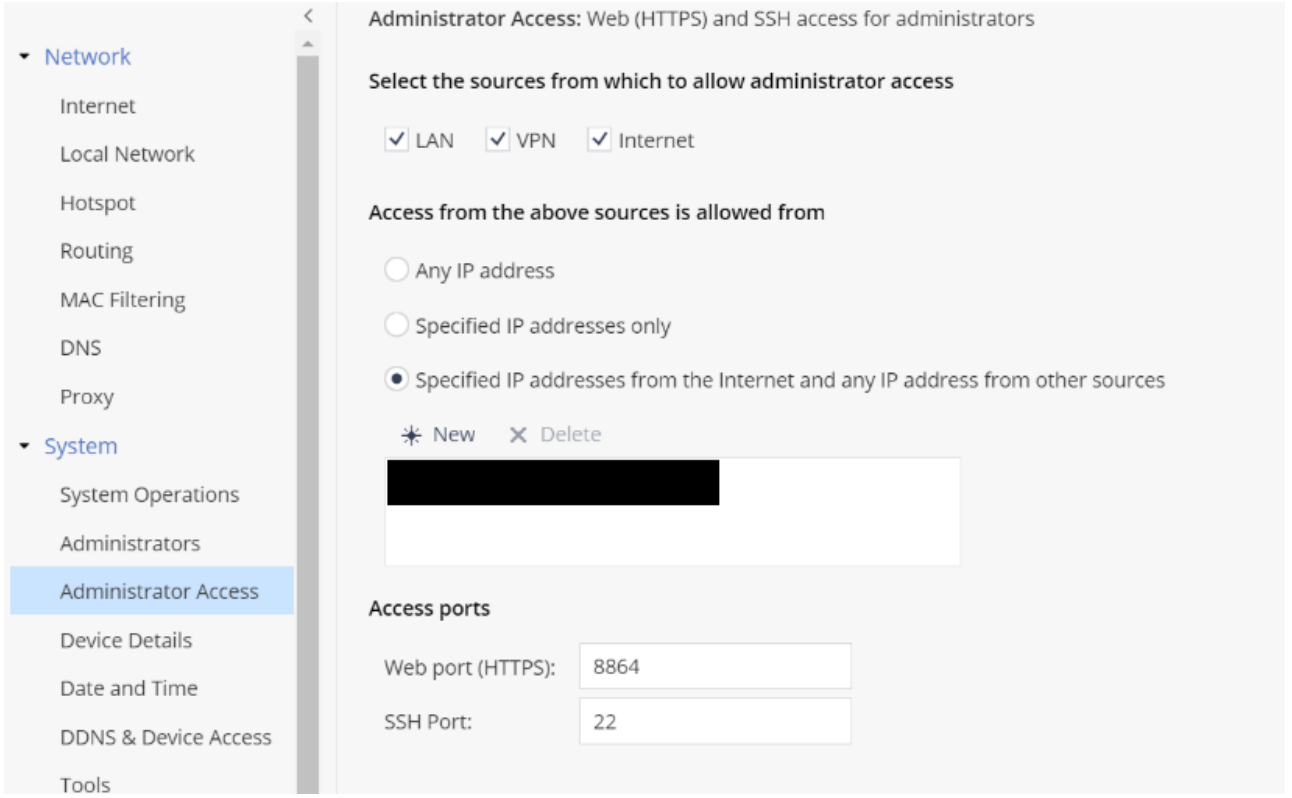
Solution ID	[redacted]
Technical Level	
Product	[redacted]
Version	R80.20
OS	Gaia Embedded
Platform / Model	1500, 1600, 1800
Date Created	30-Jun-2020

Aus
<https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk165734>


Network
Internet
Local Network
Hotspot
Routing
MAC Filtering
DNS
Proxy
System
System Operations
Administrators
Administrator Access
Device Details
Date and Time
DDNS & Device Access
Tools
Local Network: Configure and manage local interfaces, switches, bridges, bonds and VLANs
Type to filter
New
Edit
Delete
Enable
Display: Networks
Name
Local IPv4 Address
Subnet Mask
MAC Address
LAN3 Switch
192.168.20.2
255.255.255.0
LAN3
LAN4
LAN3_Switch.30
192.168.30.1
255.255.255.0
LAN3_Switch.23
192.168.23.1
255.255.255.0
LAN3_Switch.22
192.168.22.1
255.255.255.0
LAN3_Switch.21
192.168.21.1
255.255.255.0
LAN9 Switch Reserve
192.168.24.1
255.255.255.0
LAN9
LAN10
DMZ
LAN1
192.168.26.1
255.255.255.0
LAN2


Overview
System
Security Dashboard
Security Management
Cloud Services
License
Site Map
Monitoring
Notifications
Active Devices
Monitoring
Reports
Troubleshooting
Tools
Support
Notifications: System and security events
Type to filter
View Details
Refresh
Settings
Time
Severity
Subject
Message
08:09:08 08 Jan 2024
Informative Event
New device detected
laptop-piku-001
NOTIFICATIONS SETTINGS
Mobile notifications
Notification language:
Deutsch
Show previews in push notifications
Send push notifications
Notification
Severity
Device reconnected
Informative Event
Infected device detected
Security Alert
License about to expire
Attention Required
License activated
Informative Event
License expired
Security Alert
Malicious email blocked
Attention Required
Malicious email received
Security Alert
Malicious file blocked
Attention Required
Malicious file downloaded
Security Alert


Network
Internet
Local Network
Hotspot
Routing
MAC Filtering
DNS
Proxy
System
System Operations
Administrators: Assign admins and connect mobile devices to the gateway
No RADIUS servers exist | RADIUS configuration...
No paired mobile devices
Type to filter
New
Edit
Delete
Security Settings
Name
Administrator Role
1
Super Admin
2
Super Admin
3
Super Admin


Network
Internet
Local Network
Hotspot
Routing
MAC Filtering
DNS
Proxy
System
System Operations
Administrators
Administrator Access
Device Details
Date and Time
DDNS & Device Access
Tools
Administrator Access: Web (HTTPS) and SSH access for administrators
Select the sources from which to allow administrator access
LAN
VPN
Internet
Access from the above sources is allowed from
Any IP address
Specified IP addresses only
Specified IP addresses from the Internet and any IP address from other sources
New
Delete
Access ports
Web port (HTTPS):
8864
SSH Port:
22