



Harmony  
SASE



# SASE MASTERS – CheckMates May

## 2nd

Discover how a 6,000 employee company embraced Harmony SASE over 1 weekend

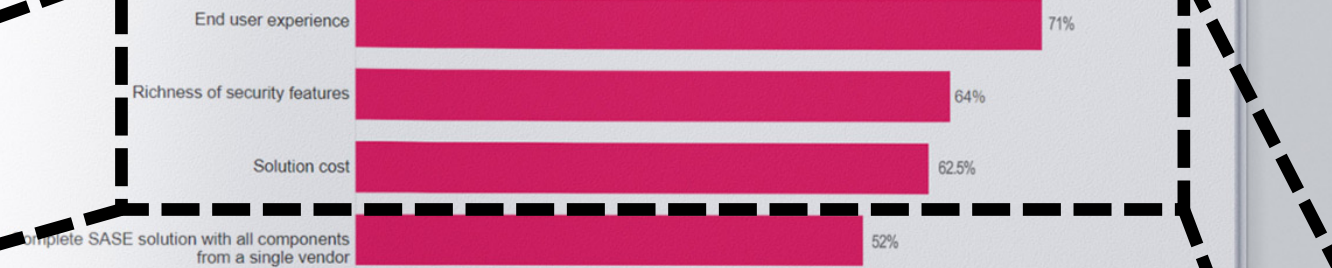
**Amit Bareket, VP SASE**

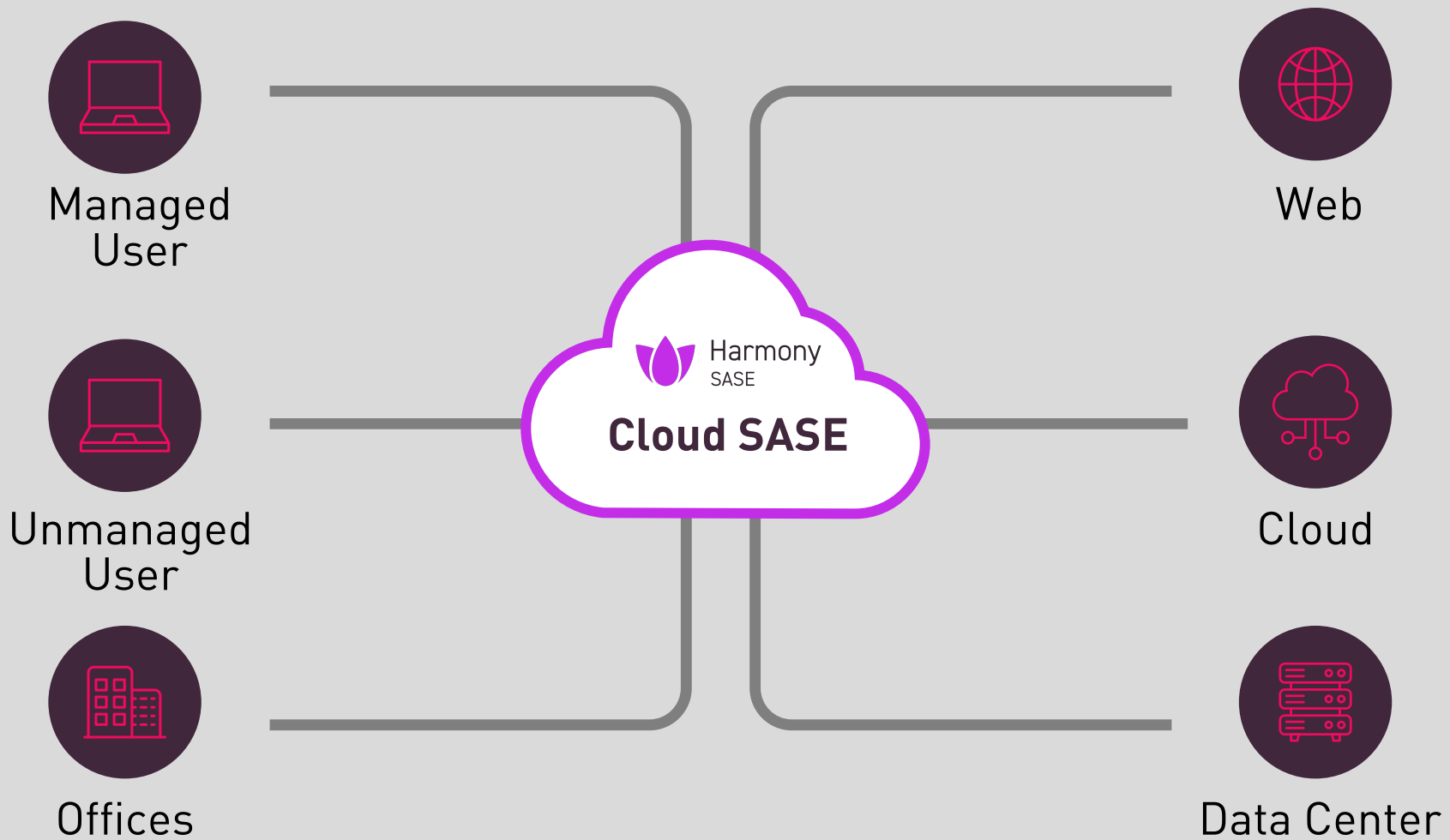
## Customers Vote:

# User Experience is Top of Mind When Selecting SASE

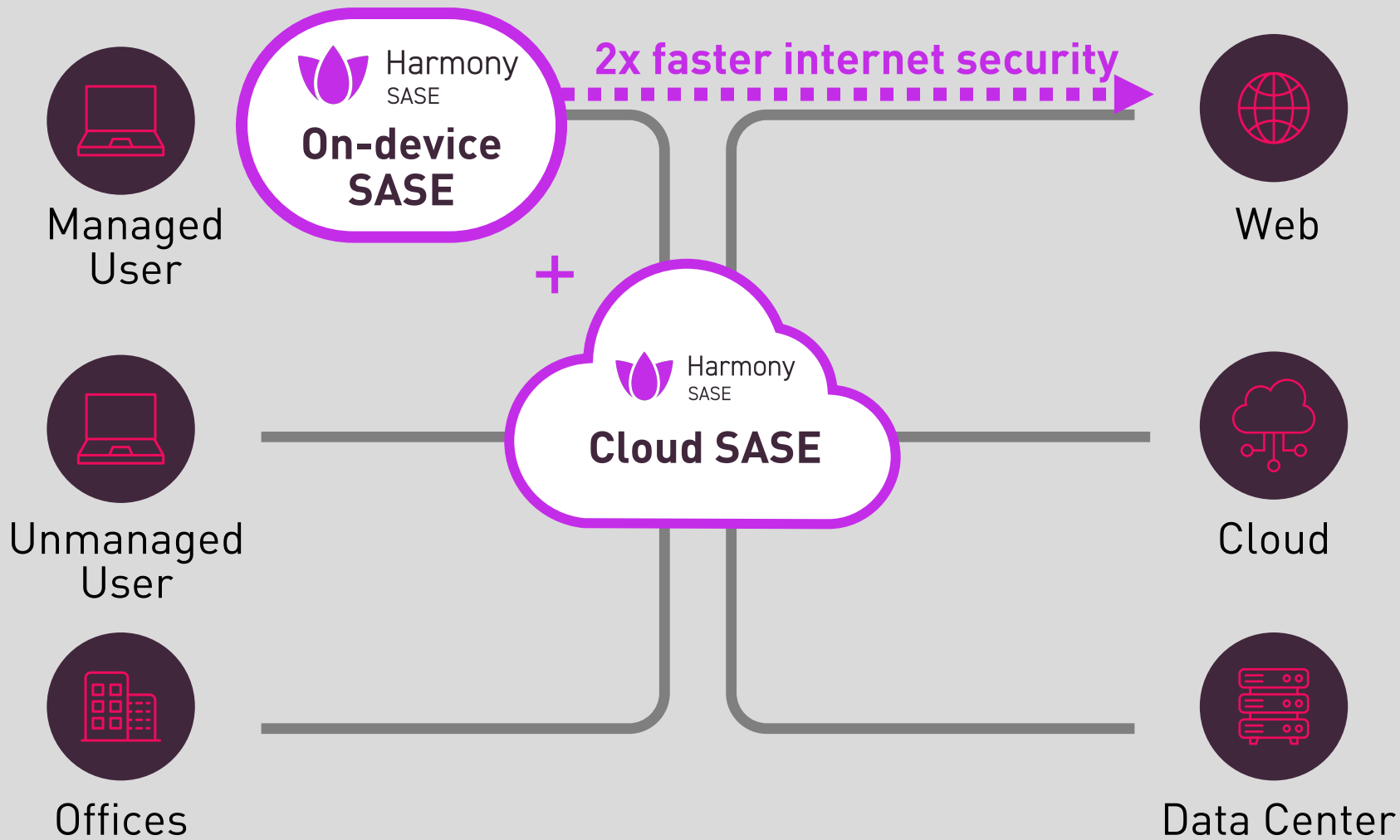
What are your top considerations when selecting a SASE solution? Choose all that apply.

641 Responses





# Cloud-Based SASE



# Shifting Paradigm: The only Hybrid SASE



# The Power of Hybrid SASE



**Other vendors**

**Throughput**

**220 Mbps**

**125 Mbps**

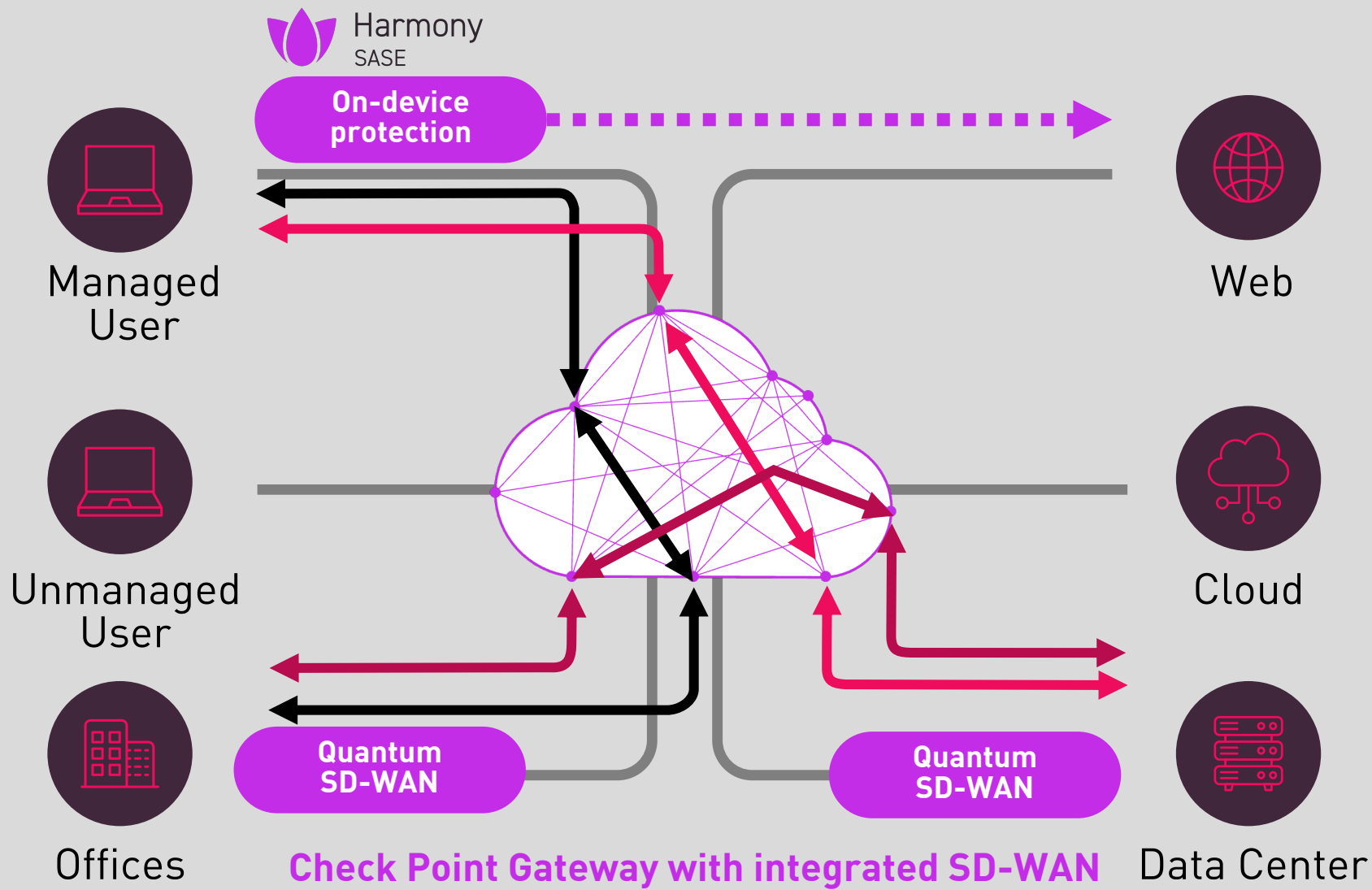
**Latency**

**123 ms**

**165 ms**

**The power of Hybrid SASE**

**The penalty of cloud-only SASE**



# Hybrid SASE With Full Mesh & SD-WAN Connectivity



## Internet Access: On-device & Cloud

URL Filtering

DNS Filtering

Malware Protection

SSL Inspection

Threat extraction

Anti-bot

Zero Phishing

Browser security



## Private Access:

Zero Trust Security

Full-mesh connectivity

Device Posture Check

Firewall as a Service

Dedicated static IPs

# Harmony SASE Comprehensive Security



Harmony  
SASE

# Success Study: Deploying Harmony SASE for 6,000+ employee company over 1 weekend

**Customer Profile:** Manufactory company, USA Based

6,000+ employees

7+ sites in the United States & Europe

**Customer Pain:** Using traditional and vulnerable remote access solution



## Customer Pain: Using traditional and vulnerable remote access solution.

- Zero Day vulnerability discovered in their existing VPN
- CISA issued directive to stop using their existing vendor
- Decided to implement Zero Trust and modern solution

# Solution: Harmony SASE, Hybrid-SASE, Zero Trust

- Software as a Service model -> fully managed.
- Easy to Use and Implement, best user experience.
- Enterprise grade, best security.

# Time line

POC Started

POC Ended Successfully

Full Deployment



15.1.2024  
Monday

18.1.2024  
Thursday

22-29.1.2024  
Monday

# Implementation Steps

1. Connecting the Identity Provider
2. Building the network & connecting the tunnels
3. Configuring the Private & Internet Access policies
4. Deploy the Agents using MDM

# Connecting the Identity Provider

The screenshot displays the 'Identity Providers' configuration page in the Harmony SASE perimeter 81 interface. The page is organized into three main sections, each representing a different identity provider. The left sidebar contains navigation options such as Dashboard, Team, Devices, Networks, Private Access, Internet Access, Monitor & Logs, Objects, and Settings. The top right corner features links for 'What's New', 'Need Help?', and a notification icon. The main content area is titled 'Identity Providers' and includes a sub-header: 'Each user will log in with your organization's Identity Provider. [Learn More](#)'. A blue 'Add Provider' button is located in the top right of the main content area. The three identity providers listed are:

- Email and Password:** Each user will log in with their email and selected password. Two-Factor Authentication is set to 'On (SMS/Push Notification)'. There are 'Edit' and 'Turn Off' buttons.
- Okta:** Domains: perimeter81.com. Two-Factor Authentication is set to 'Off'. There are 'Settings' and 'Turn Off' buttons.
- Microsoft Azure AD:** Domains: checkpoint.com. Two-Factor Authentication is set to 'Off'. There are 'Settings' and 'Turn Off' buttons.

# Building the network & connecting the Sites and DCs

The screenshot displays the Harmony SASE Perimeter 81 interface for a network named "DemoLab". The interface includes a sidebar with navigation options: Overview, Dashboard, Team, Devices, Networks, Private Access (Firewall, Applications, Application Policies), Internet Access, Monitor & Logs, Objects, and Settings. The main content area shows a summary of the network configuration:

- Regions:** 5 (Los Angeles 1, New York, London 1, Israel, Dubai)
- Gateways:** 5 (64.226.131.82, 131.226.32.234, 212.59.69.4, 212.59.64.181, 212.59.68.105)
- Tunnels:** 5 (AWSHA01, Firewalla, AWSHA02, AZUREUKWG, CheckPointR81)
- Firewall Rules:** 12 (View rules)
- Access Groups:** P81 Customer Success, P...
- Tags:** DemoLab
- Status:** Active

The network diagram shows the following connections:

- Los Angeles 1 is connected to Gateway 64.226.131.82.
- New York is connected to Gateway 131.226.32.234.
- London 1 is connected to Gateway 212.59.69.4.
- Israel is connected to Gateway 212.59.64.181.
- Dubai is connected to Gateway 212.59.68.105.
- Gateway 64.226.131.82 is connected to Tunnel AWSHA01.
- Gateway 131.226.32.234 is connected to Tunnel Firewalla.
- Gateway 212.59.69.4 is connected to Tunnel AWSHA02.
- Gateway 212.59.64.181 is connected to Tunnel AZUREUKWG.
- Gateway 212.59.68.105 is connected to Tunnel CheckPointR81.

# Configuring the policy

The screenshot displays the Harmony SASE perimeter81 interface. The left sidebar contains navigation options: Overview, Dashboard, Team, Devices, Networks, Private Access, Firewall (selected), Applications, Application Policies, Internet Access, Monitor & Logs, Objects, and Settings. The main content area shows a table of 12 rules for 'DemoLab'. The table columns are #, Name, Action, Source, Destination, Service, and a toggle switch. The rules are as follows:

#	Name	Action	Source	Destination	Service	Toggle
1	Allow AWS	Allow	AWS-VPC	Any	Any	On
2	Allow NYC Office To Web	Allow	NYOffice NYOfficeLocal	Any	ICMP HTTPS HTTP SSH POP3 IMAP4 LDAP NTP DNS	On
3	guy all	Allow	Guy Avraham	Any	Any	On
4	guy redis	Allow	Guy Avraham	AWS-VPC Guya-test	Any	On
5	Allow Lev access to AD	Allow	Lev Faiger	RDP-SERVER	Any	On
6	Deny all other to AWS and Azure	Deny	Any	AZURE WEB AWS-VPC	Any	On
7	HTTP to Azure web app	Deny	P81 Sales Team P81 Customer Success	AZURE WEB	HTTP	On
8	tovy all	Allow	Tovy Yanne Tovy DEMO	Any	Any	On

# Deploying the agents – full rollout

Harmony SASE perimeter 81

Downloads

Choose one of the following options to download the Harmony SASE agent. [Learn More](#)

Agents

Operating System	Version	Checksum	Copy Link	Download
Windows Windows 10 or later	10.5.0.1760	3135486cfaab9eab657479fe9c24acee0699a6ebb3db63993d9e53a68a7...	Copy Link	Download
Windows Windows 10 or later	10.5.0.1760	4c4820e8b3db9b4b95b2a72ae89816303cb42e0c2e5dcb4ae3ada476c47...	Copy Link	Download
Mac macOS 11 or later	10.5.0.1476	62802fd5a8e8bbe4135d52d9c79a95677618aa5fd0274a65f2125621995...	Copy Link	Download
Ubuntu Ubuntu 20.04 or later <a href="#">Instructions</a>	9.0.0.832	f71ff93c674dc86f3de3d0f18178397914ab3931330c86bde304238efc2c70...	Copy Link	Download
Red Hat RedHat 7 or later <a href="#">Instructions</a>	9.0.0.832	add6f1a3edd79e36d9856cd06e0168bfc98975ce4a6774f0b72e046680ad2...	Copy Link	Download
Fedora Fedora 30 or later <a href="#">Instructions</a>	9.0.0.832	32b30cf25bde6e7a408be543b5b6f223eefe6d9a86b96ab1cf4e136dac2bc...	Copy Link	Download
Linux - Other Linux 7.0 or later <a href="#">Instructions</a>	9.0.0.832	5e85349904c28ec237a6517012c365e21a7d009073a2affa5dca30ea02acd...	Copy Link	Download
Android / Chromebook Android 8.1.0 or later			Copy Link	Download
iOS iOS 15 or later			Copy Link	Download

Certificates

Certificates should be used for agent deployment through MDM when using SWG. Instructions for deployment. [Learn More](#)

SWG Root Certificate	Active	Revoke	Download
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Harmony SASE perimeter 81

Status

- Secure Web Gateway: On
- Device Posture Check: Healthy

Network

- Internal Resour: Connected
- Public IP: 212.59.64.202
- Time Connected: 00:21:37

Quick Access

- Perimeter 81
- USA West

Private Networks

Shared Networks

Support

Settings

Sign Out

Quit

CHECK POINT



# What the customer liked with Harmony SASE?

- Easy to use & to deploy, Fast experience
- Easy 1:1 migration from legacy solution to SaaS solution
- Best Security by Check Point

# Q&As

Thank You

For any question: [amitbar@checkpoint.com](mailto:amitbar@checkpoint.com)