



Harmony
SASE

THE WORK FROM ANYWHERE
CYBER SECURITY CHECKLIST
FOR IT MANAGERS

The Modern Workforce is Hybrid

Providing secure, fast remote access is a top priority with so many businesses offering hybrid or remote work models. Professionals across nearly every function of the organization work outside the office at least part of the week, so giving them the tools they need to be productive is critical for business agility.

And it's not just about people. Devices, technologies, and network resources are no longer solely on-prem with a dramatic increase in sensitive resources in the cloud and SaaS platforms. According to a recent survey from the CyberRisk Alliance¹ securing remote access is one of the top challenges that IT professionals face.

The Decentralized Workspace is Here to Stay

The shift towards remote work has completely redefined the need for more robust networking and network security tools. About 71% of companies are permanently allowing some amount of remote work, according to a recent remote work survey from Buffer². The same survey found that a full 98 percent of workers would like to work remotely, at least some of the time.

Many services have stepped up to enable the remote work revolution. Powerful messaging tools such as Zoom, Microsoft Teams, and Slack facilitate collaboration in real-time across geographic distances, time zones, and organizational boundaries. In addition, a plethora of mobile devices with 24/7 online access keeps people productive wherever and whenever they go.

Businesses are also taking advantage of the unprecedented agility offered by cloud-based environments. A recent report³ reveals that 92% of companies have all or half of their resources in the cloud. The good news is that these trends have fueled the modern digital-forward era in which employees can work as efficiently outside the corporate office as in it

¹ Perimeter 81. Organizations Seek SSE Solutions to Help Ease Pain of Remote Work (January 2023).

<https://www.perimeter81.com/whitepapers/cra-sse-survey>

² Buffer. (2023). State of Remote Work 2023. <https://buffer.com/state-of-remote-work/2023>

³ Perimeter 81. State of Cybersecurity Report 2022 (September 2022). <https://www.perimeter81.com/whitepapers/state-cybersec>

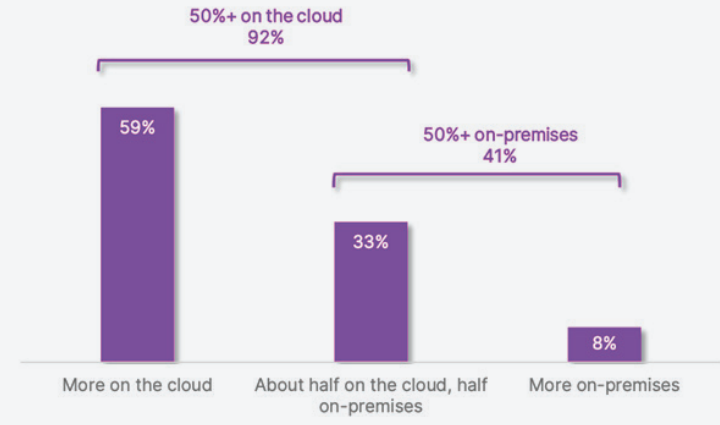


Figure 1: Computing Resources Location—Cloud vs. On-Premises

But the transition to remote and hybrid work gives cybercriminals numerous cyber security gaps to exploit.

The following checklist can help you understand what you need to achieve secure remote access for your entire workforce—no matter where they are working or which device they are using.

The WFH Network Security Checklist



Deploy Secure Private Access

Using legacy VPN technology to secure and provide remote network access is simply asking for trouble. While VPNs with added ZTNA can offer some protection, they often fall short in a modern, dynamic network environment and are complex to manage. [Harmony SASE Private Access](#) overcomes this challenge by restricting access to users or user groups on an application-by-application basis.

To further reduce the attack surface authentication is based on user ID, device, and other contextual attributes. Network and application access through Harmony SASE is completely Zero Trust with continuous verification, providing better security and simpler management.



Protect Internet Access

With employees working from anywhere on any device, it's crucial to deploy a secure internet access to block harmful websites and stop malicious software from invading the network. [Harmony SASE Internet Access](#) adds web security to daily browsing to defend users against harmful websites, malware, ransomware, phishing attacks, and viruses. Our Hybrid solution uses both on-device and cloud-based protection ensuring employee devices are defended even when they're not connected to the corporate network.



Run Over a Global Backbone Network

Since employees are no longer located solely at the office, redirecting all traffic from a distributed workforce and squeezing it through an on-prem VPN often results in slow connection speeds that frustrate users and lower productivity. Harmony SASE's 70+ global data centers deliver low-latency connectivity to your users whether they're in the office, at home, or overseas.



Enforce multi-factor authentication (MFA)

Requiring employees to authenticate themselves beyond a username and password is a must-have. MFA ties network access to the proper credentials and employees' personal mobile devices. We support multifactor authentication for policy-based access integrated with LDAP, Google Suite, Azure, OKTA, and more. This ensures authorized and secure remote access is easy to deploy, manage, and convenient to use.



Provide secure access for unmanaged devices

You need to prevent network security gaps from sources external to your business but can't possibly run a profitable business in a hermetically sealed bubble. Contractors, vendors, and others on unmanaged devices are a part of your operation. The simplicity of agentless access makes it one of the most robust and lightweight building blocks of a secure network. By enabling agentless access for employees and third-party workers, you can stay safe and stay profitable.



Check the security of every device

Device Posture Check ensures only devices that comply with specific security policies can connect to the network. Harmony SASE's Device Posture Check (DPC) ensures devices cannot connect to your network unless they meet your customized policies for the presence of anti-virus software, Windows Registry keys, disk encryption, certificates, and more.



Onboard new users quickly and easily

If you can't instantly onboard and deliver immediate protection for the entire organization, you are already behind schedule. To succeed in today's dynamic workplace, both your business and network must have unprecedented agility. Our easy-to-use dashboard permits administrators to quickly add and remove users as needed—and our SCIM support makes this process even easier for identity providers that support it.



Monitor, monitor, monitor

In a changing and evolving threat landscape, you need to have visibility into your network and detect anomalies or attacks before significant damage occurs. Our monitoring dashboard displays up-to-date information about your network usage including active sessions, licenses, gateways, and more.

A Quick Win with Harmony SASE

We believe that the best way to prevent cyberattacks is to simplify networking and network security without sacrificing robust protection and advanced services. Harmony SASE allows organizations and companies of all sizes to meet the needs of their remote workforce while granting IT teams the robust tools they need to manage it all safely.

Our cloud-based, converged networking and network security solution embraces the principles of instant deployment, unified management, full visibility, and integrated security. It provides users secure zero trust networking resources whether they're on-prem, in the cloud, or anywhere in between.

Meet Harmony SASE

2x Faster Internet Access | Full Mesh Private Access | Secure SD-WAN

The internet is the new corporate network, leading organizations to transition to SASE. However current solutions break the user experience with slow connections and complex management.

Offering a game-changing alternative, Harmony SASE delivers 2x faster internet security combined with full mesh Zero Trust Access and optimized SD-WAN performance—all with an emphasis on ease-of-use and streamlined management.

Combining innovative on-device and cloud-delivered network protections, Harmony SASE offers a local browsing experience with tighter security and privacy, and an identity-centric zero trust access policy that accommodates everyone: employees, BYOD and third parties. Its SD-WAN solution unifies industry-leading threat prevention with optimized connectivity, automated steering for over 10,000 applications and seamless link failover for uninterrupted web conferencing.

Harmony SASE is part of the Harmony for Workspace Suite. Harmony helps organizations of all sizes secure their workspaces with a suite of products including SASE, SaaS protection, email security, endpoint and mobile protection, and in-browser security.

Harmony SASE enables any business to build a secure corporate network over a private global backbone in less than an hour. The service is managed from a unified console and is backed by an award-winning global support team that has you covered 24/7.

To learn more, visit <https://checkpoint.com> or [sign up for a demo](#).

Worldwide Headquarters

5 Shlomo Kaplan Street, Tel Aviv 6789159, Israel | Tel: +972-3-753-4599

U.S. Headquarters

100 Oracle Parkway, Suite 800, Redwood City, CA 94065 | Tel: 1-800-429-4391

www.checkpoint.com