

 **BlackBerry**® Intelligent Security. Everywhere.

HYBRID CLOUD AND ZERO TRUST NETWORK ACCESS

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BlackBerry Cybersecurity

AI-powered security that works smarter, not harder

Prepare • Prevent • Detect • Respond



Cylance AI



Critical Event
Planning



Mobile
Protection



Desktop
Protection



Behavior &
Risk Analytics



Threat Detection
& Hunting



Network
Access



Endpoint
Management

Security Services



WHAT IS BLACKBERRY GATEWAY?

BlackBerry® Gateway is an **AI-empowered and privacy friendly Zero Trust Network Access solution**. This **cloud-native** solution enables high performance, and easily scalable access to SaaS and on-premises apps for your distributed workforce without the need of a VPN.

ZERO TRUST NETWORK ACCESS

Enable Zero Trust Network Access to all major SaaS and on-premises apps

Tight integration with endpoint security to ensure only healthy devices are allowed access to apps

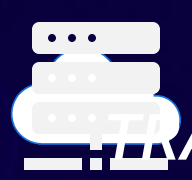
OPTIMIZED REMOTE WORKERS

BYOD, WFH deployment made easy with flexible policies that separate work apps from personal apps via enabling work mode and leveraging split tunnel capabilities

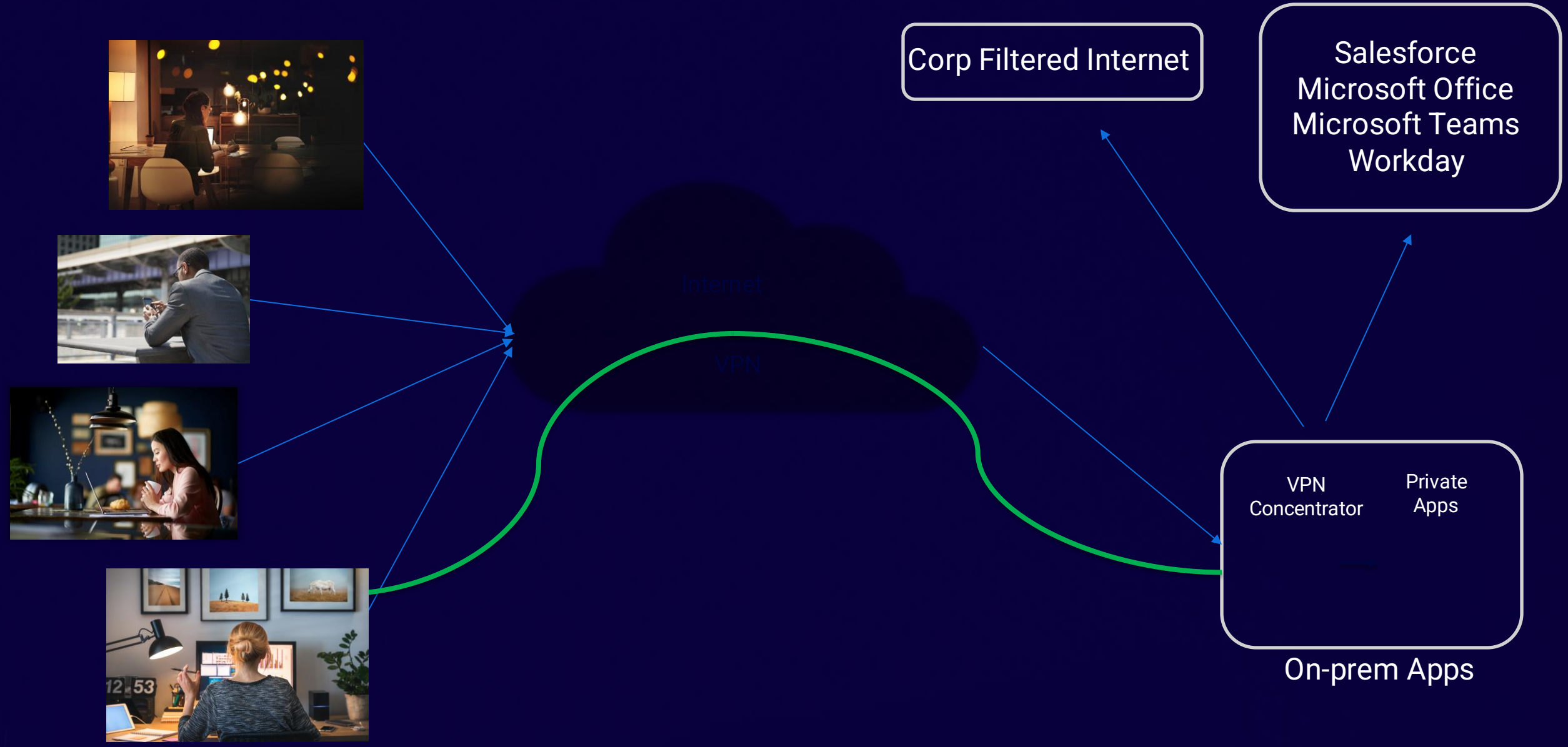
CLOUD AI

AI-driven, risk based adaptive network access controls for users at an app level

AI-empowered network threat detection without network packet decryption



TRADITIONAL CLOUD SAAS ARCHITECTURE

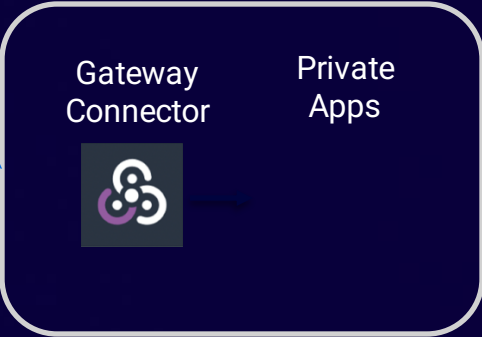




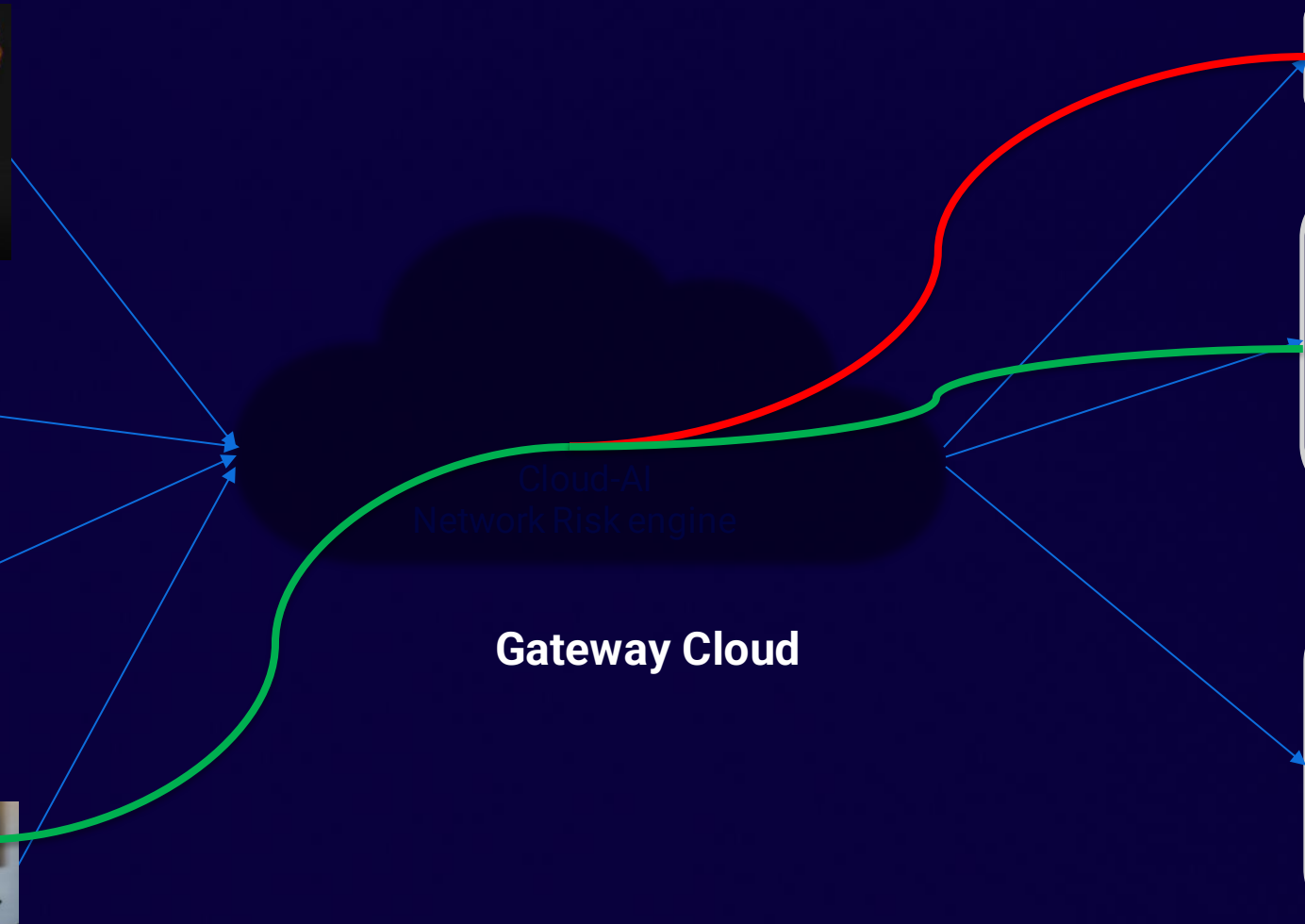
CLOUD WITH BLACKBERRY GATEWAY



Gateway Cloud

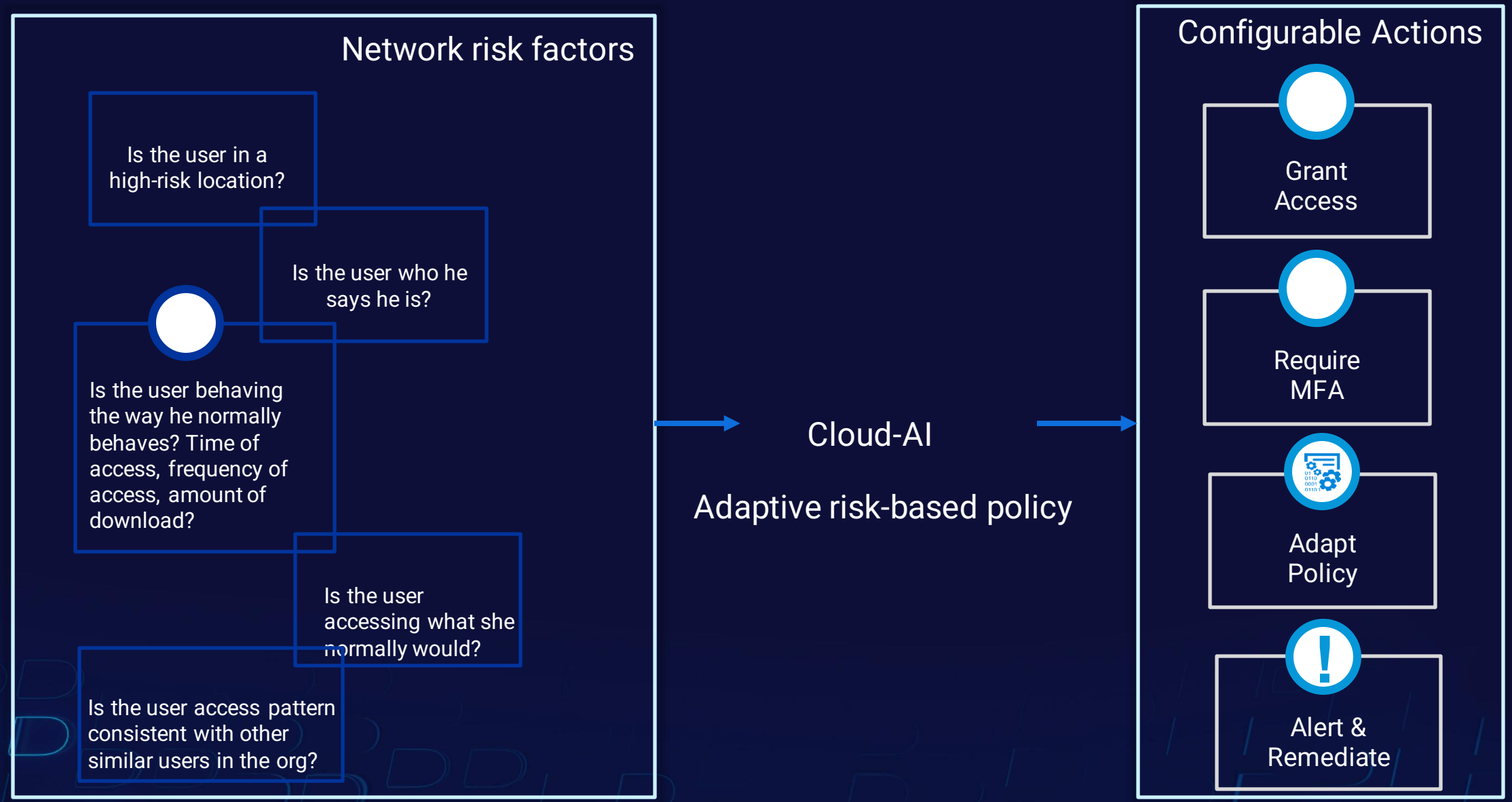


On-prem Apps





HOW DO WE USE CLOUD-AI TO ASSESS RISK IN THE NETWORK?



ADVANTAGES OF BLACKBERRY GATEWAY OVER VPN

VPN Technology

1. Grants access to the **network**, and once access is granted, threat actors can exploit vulnerabilities and try to access other resources within the network
2. Access control is based on static authentication and authorization methods that don't have enough barriers to keep external adversaries out
3. Backhauling to HQ for SaaS app connectivity
4. As your organization grows, you incur hardware and other expenses to enable secure access to new employees

BlackBerry Gateway

1. **Inherently secure**: Grants access to **an App** with no visibility to the network, drastically minimizing the attack surface
2. **Tighter access control**: Access control is based on multiple factors such as trusted healthy devices, user behavior, network and app access patterns – minimizing the attack surface again
3. **Better performance**: Direct access to SaaS apps from corporate or personal devices
4. **Better scalability**: No need for additional hardware, cloud-native solution scales seamlessly as you grow

Thank you

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