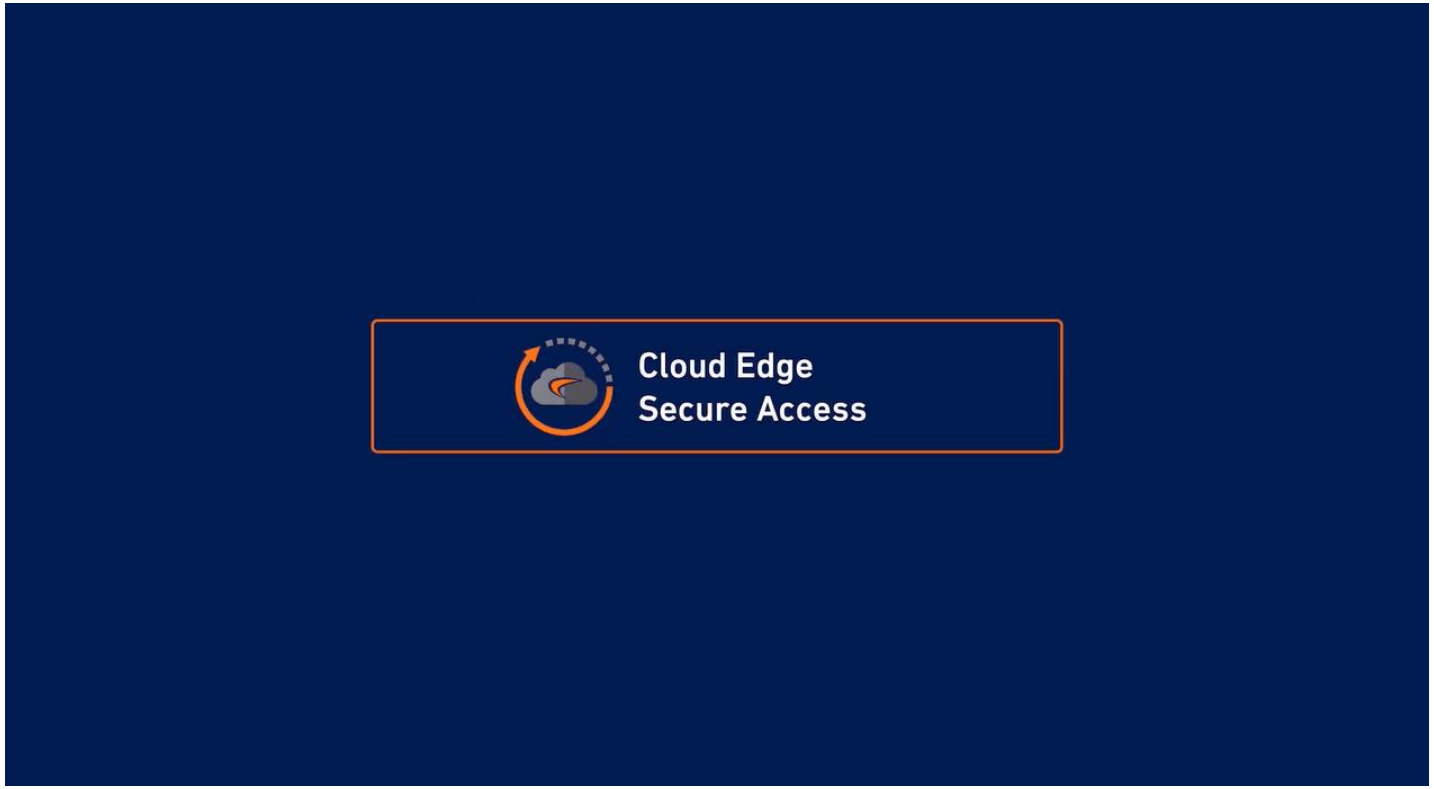
SONICWALL®

A CLOUD-NATIVE NETWORK-AS-A-SERVICE WITH INTEGRATED ZERO-TRUST SECURITY

Digital Transformation Redefines Perimeter Security



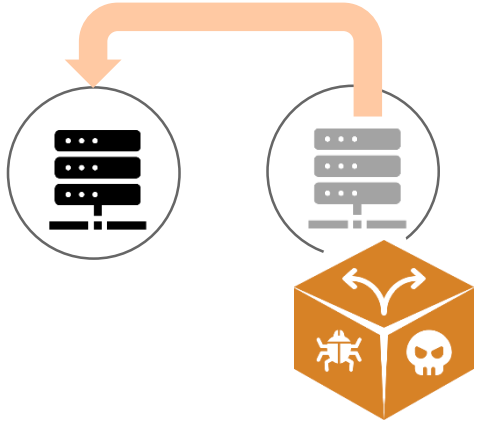
VPN Challenges

Days or months

Delays (hardware, backhaul capacity) and downtime availability

Location dependent

Long lead time in deployment and scaling

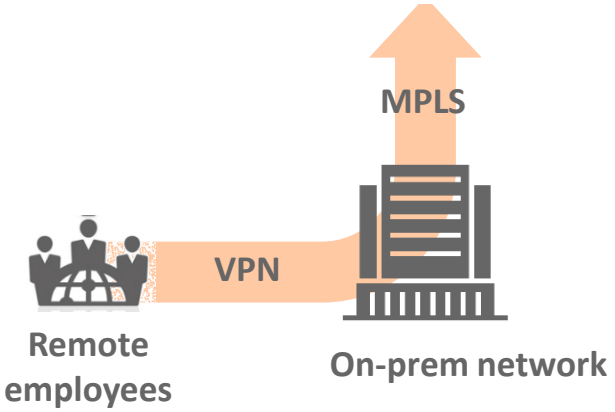


Remote employees

Partners on unmanaged devices

Broad network access,

Threats move laterally



Suboptimal cloud experience due to added latency

Enterprise Secure Access Evolution

- By 2023, 60% of enterprises will phase out most of their remote access virtual private networks(VPNs) in favor of ZTNA.
- By 2022, 80% of new digital business applications for ecosystem partners will be accessed through zero trust network access (ZTNA).

Gartner, April 2019 –
Market Guide for Zero Trust Network Access

Why Zero-Trust Security is the new security paradigm

CLOUD EDGE SECURE ACCESS

FAST AND SELF-SERVICE DEPLOYMENT

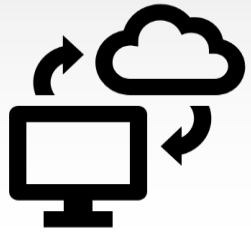
Deploy Zero-Trust in minutes

LEAST PRIVILEGE ACCESS

To protect corporate assets

CLOUD DIRECT

Fast, secure and reliable access from anywhere



Secure Access Service Edge

- SASE is a Convergence of Network and Security as-a-Service
- By 2024, at least 40% of enterprises will have explicit strategies to adopt SASE

Gartner, October 2019 – Secure Access Service Edge

SonicWall SASE Capabilities

Security as a Service

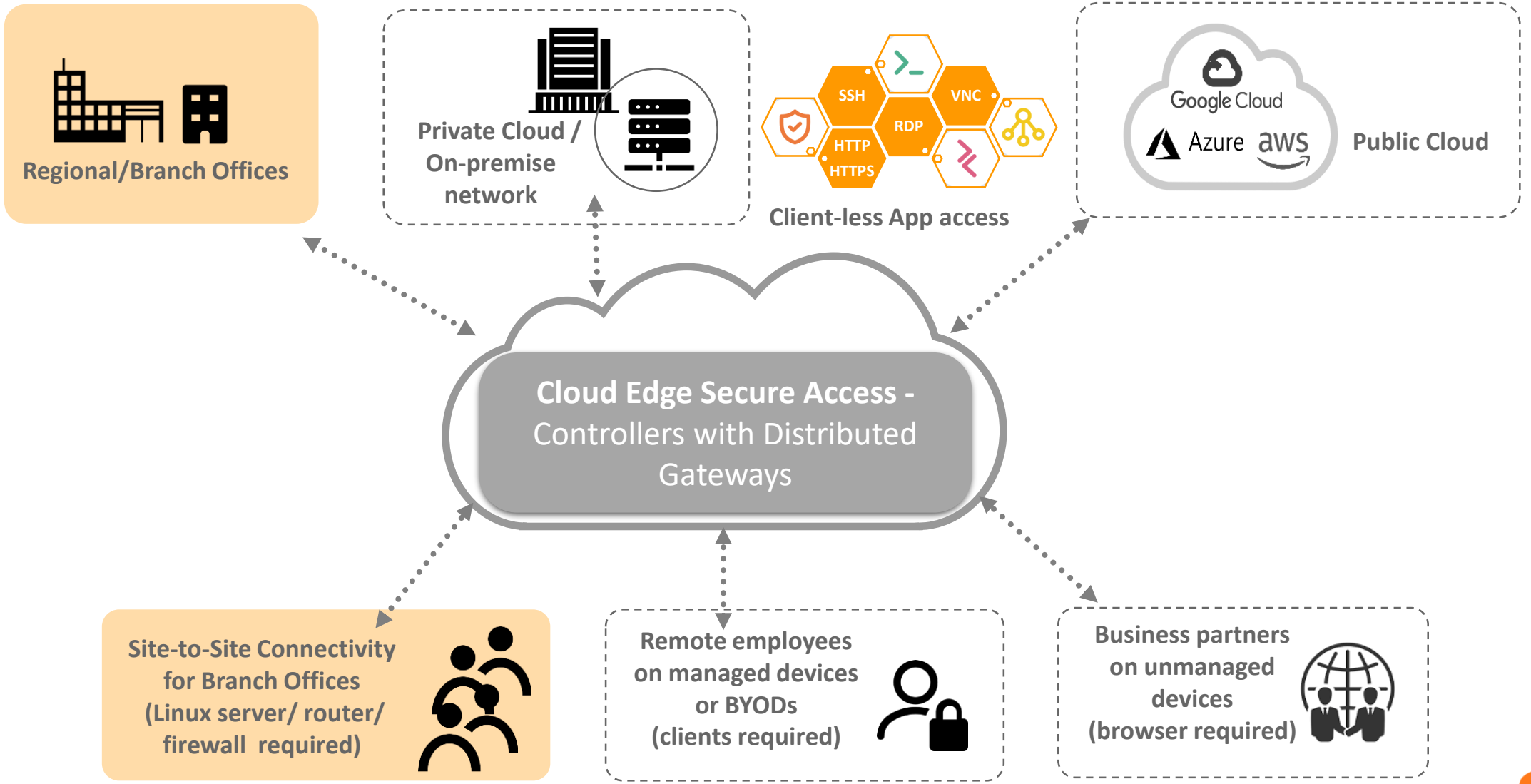
ZTNA FWaaS SWG Sandbox DNS

Secure Access Service Edge (SASE)

Site-to-Site Connectivity | WAN Load-Balancing | SD-WAN | PBR | QoS

Network as a Service

Cloud Edge Secure Access Overview



Cloud Edge Global Backbone

- Multi-regional service with **Zero-Trust Policy-based Access** built-in
- Point of presence
  - Starting with 30 locations, 50 is next and more coming
  - High-speed interconnects
  - SoC-2, and ISO compliant
- Terminates site-to-site and direct user traffic
- Load balances traffic across gateways
- Built-in gateway and geo-redundancy (PoP)

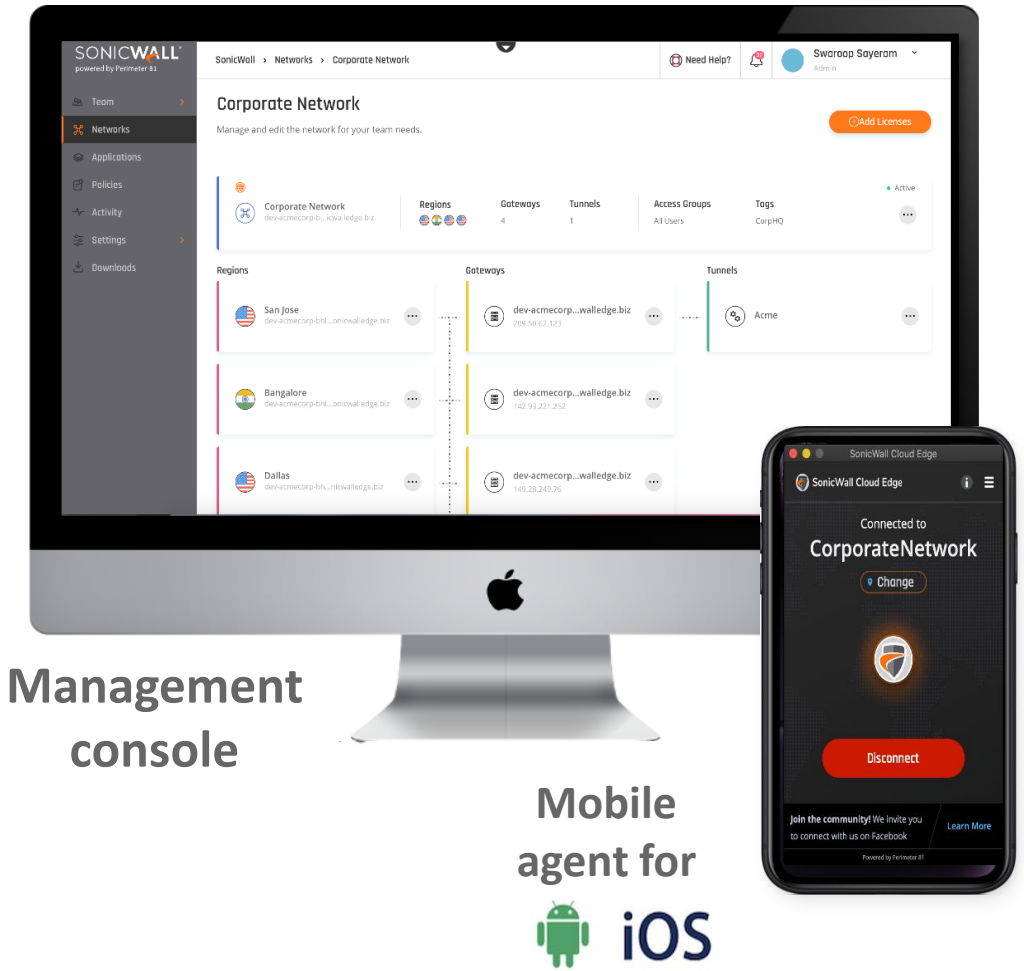
Deploy Zero-Trust Network Access under 15min

Instant Network to Quickly Onboard New Branch Offices

- Quick set up and tear-down solution
- Ideal for mobile kiosks, retail stores, point of sales or any branch offices in areas underserved by telco's MPLS, where only internet is available
- IT admin can configure a gateway and onboard a branch office in 15min

Instant Work-from-Anywhere Solution

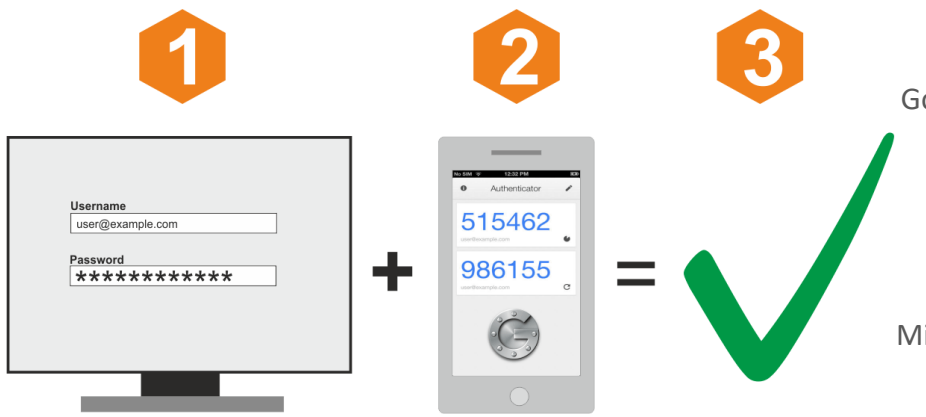
- Access based on identity, location and trust
- Direct to the cloud connection reduces latency and enhances user experience
- A user can install a client application in under 5 min



Management console

Mobile agent for iOS

Time-based One Time Password (TOTP)



Google Authenticator

Microsoft Authenticator

Duo Mobile

Benefits:

- Improve security with 2FA
- Low cost implementation
- Seamless user experience

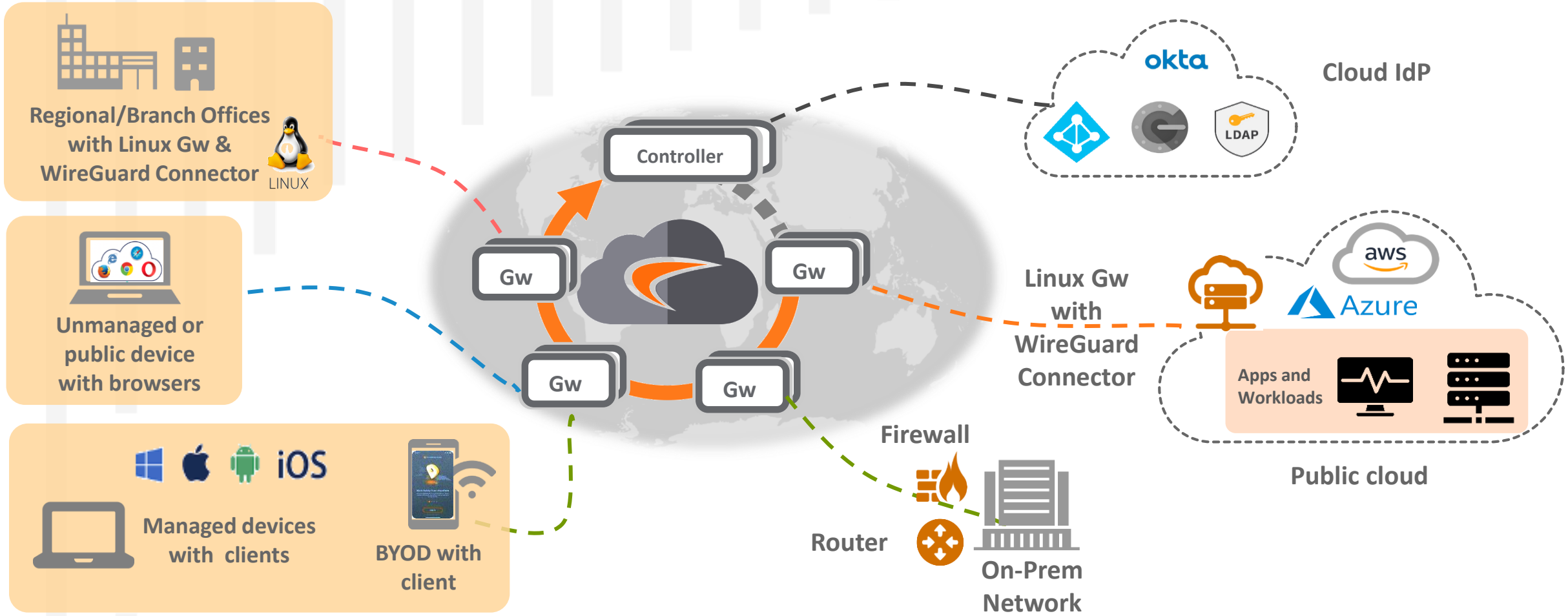
IDP Support

okta

onelogin

Ping Identity

Multi-Regional Private Network with Zero-Trust



Zero-Trust Policy-based Access in Action

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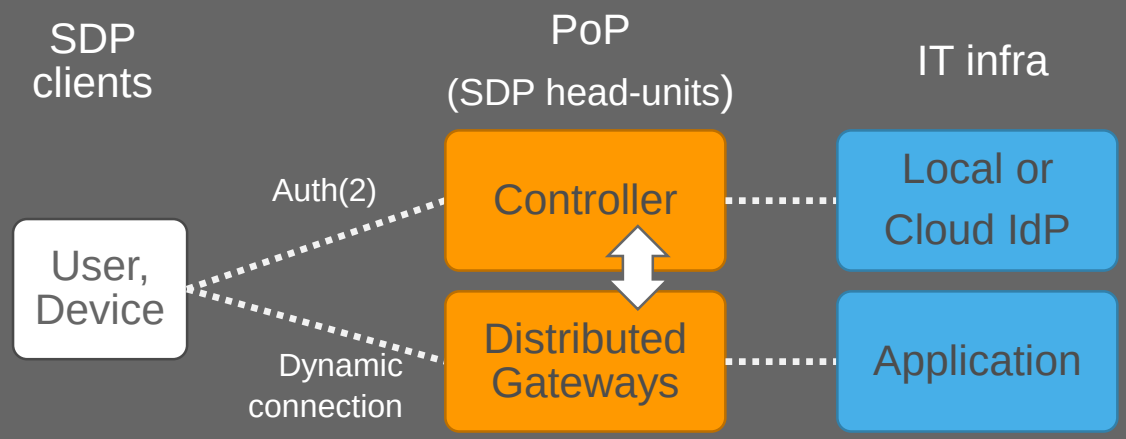
Private Cloud
On-Premises
aws
Azure
Public Cloud
Cloud Edge
Secure Access

Secure Access Based on SDP Architecture

- Software Defined Perimeter (SDP) architecture is developed by Cloud Security Alliance (CSA)
- Foundation of least privilege access services, easy to scale up and secure by design
- Stops common cyber threats (DDoS, Slowloris, public WiFi intercept, SYN flood) with ease



- SDP Controller
  - authenticates users and devices
  - grants access to network and applications (set of applications)
- SDP Gateway (distributed gateways)
  - trust broker between clients and protected resources
  - automatically unpacks encrypted traffic before forwarding to the target applications.

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Wi-Fi Security for Work-from-Anywhere Protection

Automatic Wi-Fi Security for public hotspots
To prevent Wi-Fi intercepts, a VPN connection is automatically established when an unsecured hotspot is detected

Always-on VPN
A convenience feature to reconnect a user or device to the application without re-login and re-authentication

Kill Switch
Instantly terminates the internet connection when a VPN connection is disrupted

Trusted Wi-Fi Network
Specifying an SSID would disable the Automatic Wi-Fi Security

Trusted areas

Public hotpots

SonicWall Secure Access Products

Zero-Trust Access

VPN Access

Cloud Edge Secure Access

For Enterprises
At least 100 and above users

Cloud native
(Delivered as-a-Service)

SMA 1000

For Enterprises
With thousand(s) of users

Available in virtual, physical and cloud form factors

SMA 100

For SMB
With hundred(s) of users

Available in virtual, physical and cloud form factors


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