The Millenium Alliance – Breakfast Keynote Panel

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"SASE and how it is revolutionizing the Cybersecurity landscape"

Moderated by:

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Agenda and Discussion Plan

I. Introduction (5-10 min)

II. What is SASE (secure access service edge)

      a. Architecture

      b. Components

      c. Benefits

III. SASE Use Cases

IV. Implementation Challenges

V. Vendor Selection

VI. Best Practices

VII. Closing Thoughts

Talking Points
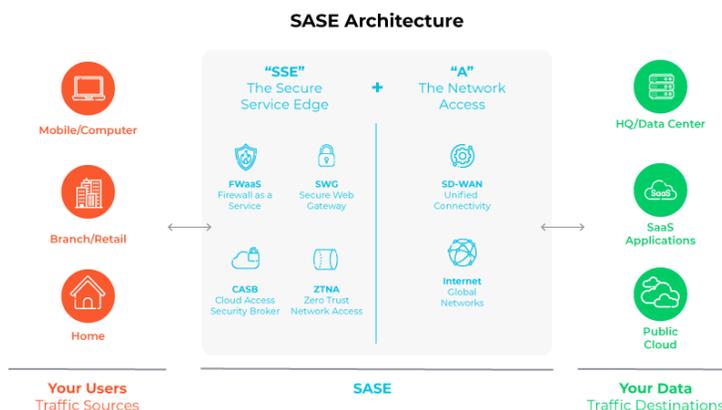
Sources

- Cybersecurity Readiness Podcast (www.cybersecurityreadinesspodcast.com) -- Excerpts from Dr. Dave Chatterjee's conversations with CEOs, CISOs, and other subject matter experts.
- Research and practitioner articles.

I. What is SASE (secure access service edge)

- SASE (Secure Access Service Edge) is revolutionizing the cybersecurity landscape by consolidating network and security functions into a single, cloud-based service.
- This offers a more unified and streamlined approach to protecting data and user access, particularly for organizations with a significant cloud presence and remote workforce. It makes it easier to manage security across diverse locations and devices while improving overall protection against modern cyber threats.
- The model radically simplifies management and reduces complexity, two of SASE's main goals. It transforms the perimeter into a consistent set of cloud-based capabilities that can be deployed where and when needed. This is a more streamlined alternative to establishing a perimeter around the data center using a collection of disparate, point-product security appliances.

II. SASE Architecture

III. Components

Components of SASE

ZTNA
Zero Trust Network Access

SWG
Secure Web Gateway

FWaaS
Firewall as a Service

CASB
Cloud Access Security Broker

SD-WAN
Software-defined, wide-area network

IV. Benefits

- **Reduced Complexity:**

Simplifies network and security management by consolidating multiple functions into a single platform.

- **Cost Savings:**

Eliminates the need to manage multiple separate security devices, potentially reducing operational costs.

- **Enhanced Security Posture:**

Provides a more robust security posture with comprehensive protection across the network, including cloud environments.

- **Improved Agility:**

Enables faster response to evolving threats and changing business needs due to cloud-based delivery.

V. SASE Use Cases

- Powering Hybrid Workforces

- Connecting and Securing Branch and Retail Locations

- Supporting Cloud and Digital Initiatives

VI. Implementation Challenges

- Redefining Team Roles and Collaboration

- Navigating Vendor Complexity

- Ensuring Comprehensive Coverage

- Building Trust in SASE

- Product Selection and Integration

- Addressing Tool Sprawl

VII. Vendor Selection

- Assess Integration of Network Security

- Confirm Cloud-Native Design

- Evaluate Global Network Performance

- Check for Zero Trust Network Access

- Weight Simplicity and Cost Effectiveness

- Ensure Scalability and Flexibility

- Look for Multi-Tenancy Capabilities

- Review Costs and Associated Features

VIII. Best Practices

- Foster Team Alignment and Collaboration

- Draft a Flexible SASE Roadmap

- Secure C-Suite Buy-in

- Establish a Plan

- Select, Test, and Deploy

- Monitor, Optimize, and Evolve