

Zscaler Private Access Webinar

9. Mai 2023



AVANTEC
Competence. Security. Trust.

Sicheres Arbeiten von überall und in der Cloud

ZPA : Zscaler Private Access

Thanh Trieu – Partner Consulting Solutions Engineer - Zscaler

09.05.2022

Zscaler: The leader in secure digital transformation

Scalable, Zero Trust Exchange Platform
Largest security cloud, 150 DCs

Industry leader in SSE and Zero Trust
Gartner Magic Quadrant Leader

Security Cloud you can Trust
12+ years of operational excellence

Customer Value

80% Faster user experience



35x Fewer infected machines



70% Infrastructure Cost reduction

SIEMENS

Business Highlights

Nasdaq-100 Index: **ZS**

\$1B Annual Recurring Revenue
Cash Flow Positive

62% Year-over-year growth Q1FY22

80 Net Promoter Score
Avg SaaS NPS: 30

Market Leader across all Verticals - 5,600 enterprises of all sizes. 50% international business. 35% of Fortune 500.

Conglomerates



7 OF THE TOP **10**

Household & Personal Products



9 OF THE TOP **10**

Banks & Diversified Financials¹



8 OF THE TOP **10**

Aerospace & Defense



6 OF THE TOP **10**

Healthcare Equipment & Services



7 OF THE TOP **10**

Chemicals



8 OF THE TOP **10**

Apparel



6 OF THE TOP **10**



Experience your world, secured.

Customers by industry is based on the 2021 Forbes Global 2000 ¹ Outside of China

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Leader in Gartner Magic Quadrants

Secure Web Gateways > 11 years



Security Service Edge 2 years



3

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Zero Trust Network Access (ZTNA)

Gartner defines zero trust network access (ZTNA) as products and services that create an **identity- and context-based**, logical-access boundary encompassing a user and an application or set of applications.

The applications are **hidden from discovery**, and **access is restricted via a trust broker** to a collection of named entities. **The broker verifies the identity, context and policy adherence of the specified participants before allowing access**, and minimizes lateral movement elsewhere in the network. ZTNA **removes excessive implicit trust** that often accompanies other forms of application access.

Gartner®

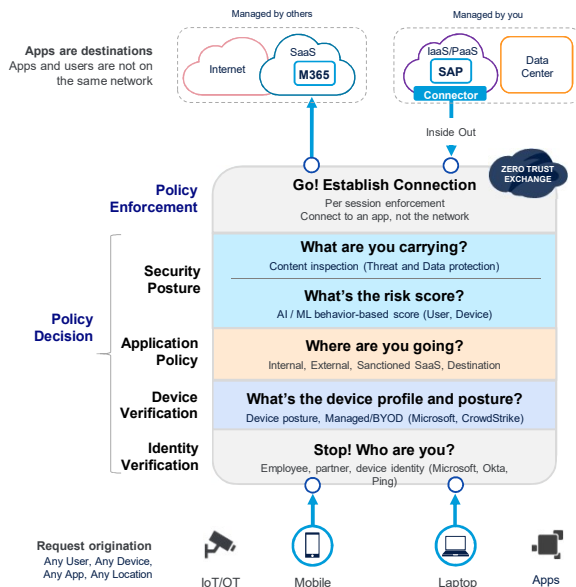
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Zscaler Zero Trust Exchange Architecture

Per session policy decision and enforcement across 150 DCs worldwide



Zscaler for Users

- Secure Internet and SaaS access (ZIA)
- Secure private app access (ZPA)
- Digital Experience (ZDX)



Zscaler for Workloads

- Secure Internet access
- Secure Workload-to-Workload communication
- Configuration and Exposure Scanning (CNAPP)

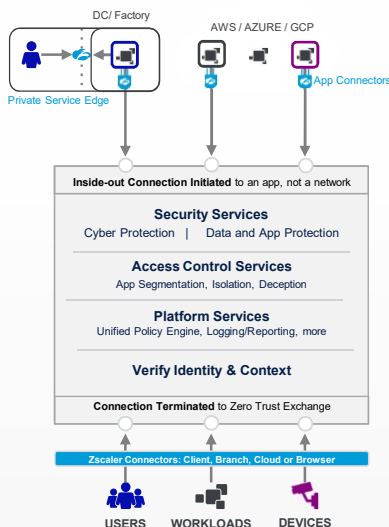


Zscaler for Devices (IoT/OT)

- Secure Internet, SaaS, private app access
- Privileged access to OT

5

Zscaler Private Access: Secure and fast private app access



Use Cases

Zero Trust App Access

- VPN Alternative**
 - Workforce, contractors
 - Remote access to OT Systems
- VDI Alternative**
 - Secure BYOD (Web, SSH, RDP)
- Zero Trust On-Premises**
 - Users and apps not on the same network
- B2B Customers / Suppliers**
 - Secure app access (clientless, isolation)

Zero Trust Connectivity

- Direct Access to Cloud Apps**
 - Eliminate Virtual DMZs, No Firewalls or VPNs
- Segmentation**
 - User to App, App to App
 - Microsegmentation
- Multi-Cloud Connectivity**
 - Cloud to Cloud, Cloud to DC
- Accelerate M&A IT Integration**
 - App access without integrating networks

Business Value

Reduce Risk

- Minimizes the attack surface
- Prevents lateral movement

Improve Productivity

- Access private apps like SaaS apps – no backhaul

Reduce Costs

- Eliminates VPN infrastructure
- Physical and Virtual DMZs



Global load balancing
DDOS protection
External firewall / IPS
Internal load balancer
VPN concentrator
Internal firewall

6

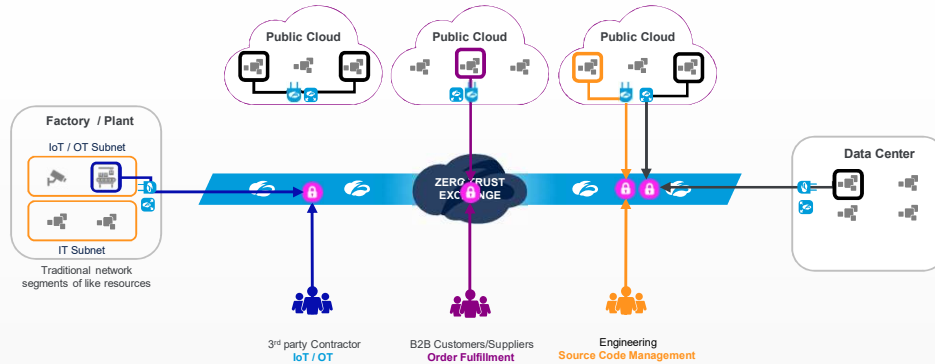
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Stop lateral movement by segmenting your apps

2 App to App Segmentation in Hybrid, Multi-Cloud Environments

- Virtual Private Cloud to Virtual Private Cloud (VPC to VPC)
- Network Segment to Network Segment (Cloud to Cloud or DC)



1 User to App Segmentation

- Business policies connect users to apps, not networks
- Eliminates the risk of lateral threat movement



Segmentation with active deception is the best defense against lateral threat movement

7

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Easy and fast to deploy

1

Authentication



Configure SAML 2.0

2

App Connector



Deploy VM or install RPM package

3

Client Connector
OR
Browser



Install on user devices

8

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Securing your cloud transformation /

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Vielen Dank!

 Experience your world, secured.

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Understanding Cloud Security Platform Frameworks

Gartner

Frameworks for Cloud Security Platforms

Secure Access Service Edge (SASE)

vs.

Security Service Edge (SSE)

