Zscaler Internet Access Update Webinar
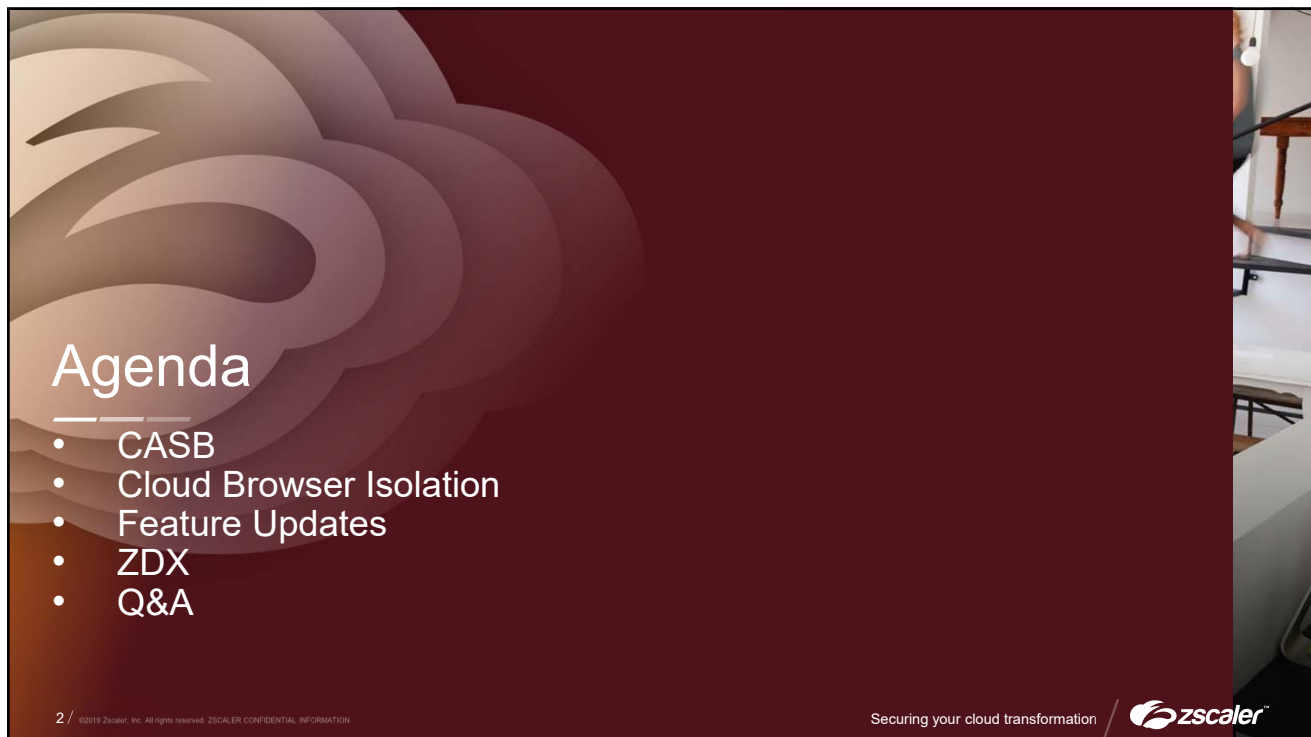# 27. Oktober 2020

Zscaler Internet Access
Update October 2020

Dominik Hetzer

Agenda

- CASB
- Cloud Browser Isolation
- Feature Updates
- ZDX
- Q&A

Securing your cloud transformation

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar
27. Oktober 2020

Zscaler Internet Access Update Webinar
27. Oktober 2020

Stop Data Loss with Cloud Application Control

Use case: Prevent outbound sensitive data

Allow, block or provide caution
- Granular policy
- Multi-criteria framework

Inline real-time enforcement with DLP & CASB

Block other users from credit card # transfer to any cloud application

Allow finance to transfer credit card numbers to Salesforce

Block Word, Excel, PowerPoint and PDF documents

Full Content and SSL Inspection
All Ports and Protocols – Unlimited SSL capacity – On and Off network

Securing your cloud transformation

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar
27. Oktober 2020

Zscaler Out-Of-Band CASB

Securing your cloud transformation zscaler™

Secure Data at Rest in SaaS applications

1 Scan

box

Sensitive Information | Malware

2 Discover

246	Customer List
98	Source Code
72	PCI
53	PII
3	Others

472 Incidents

36	Virus
19	Spyware
10	Trojans
5	Adware
5	Others
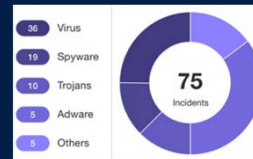
75 Incidents

3 Remediate

Enforce sharing | Quarantine

Revoke Sharing / Make Private
Make sharing read only
Make external sharing read only
Make internal sharing read only
Remove external collaborators
Report Incident Only

Securing your cloud transformation zscaler™
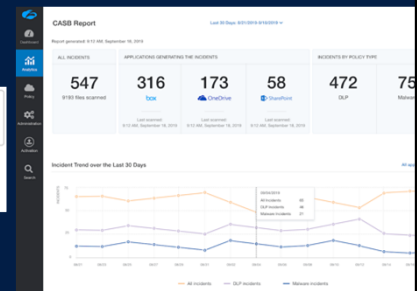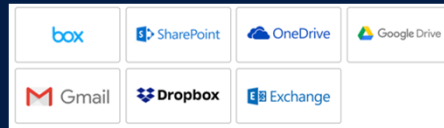
AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar 27. Oktober 2020

Frictionless Out-of-Band Protections

1. Onboard sanctioned applications
2. Setup policies
3. Review findings
4. Automate remediation

Securing your cloud transformation

Fully Integrated Zscaler Data Protection Platform

Data at Rest
(Out-of-band CASB)
- Prevent SaaS & Office 365 exposure
- Scan for DLP violations and threats

SaaS   Internet   Public Cloud
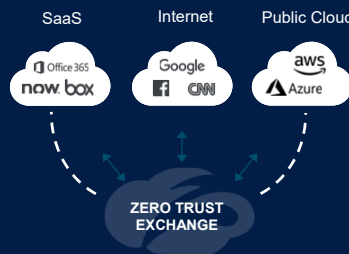
Cloud Providers
(CSPM)
- Remediate misconfigurations in Clouds, SaaS and Office 365

ZERO TRUST EXCHANGE

Edge Compute in 150 DCs (SASE)
-- Proven Inline/SSL Inspection --

Data in Motion
(Inline CASB/DLP)
- Stop busines-critical data loss in real-time
- Control unsanctioned and shadow apps

Remote   Branch   Data Center   BYOD Partners Customers

Endpoints
- Restrict unauthorized/BYOD access
  (Identity Proxy)
- View data as pixels and stop leakage
  (Browser Isolation)

Securing your cloud transformation

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar 27. Oktober 2020

Zscaler Cloud Browser Isolation

Securing your cloud transformation / ⚡zscaler™

Understanding Browser Isolation

Web App

Active Web Content
(HTML,CSS,Flash, JS, Cookies etc.)

Key capabilities

"Air Gap" between the user and the actual web site

Physically isolates the user's browser, machine and the network from the app

The web app is accessed and loaded on the remote browser and only the rendering of the webpage is served

Isolated Browser

Malware free content rendering

Business customer

Securing your cloud transformation / ⚡zscaler™

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar
27. Oktober 2020

Cloud Browser Isolation Use Cases

Accessing unknown and risky web content

Provide safe access to newly registered domains and uncategorized content

Preventing internal theft of IP and data

Allow viewing access while preventing file downloads and copy or paste from business apps

Protecting high-value targets

Protect executives and others dealing with confidential information from web-based attacks

Browser sandboxing

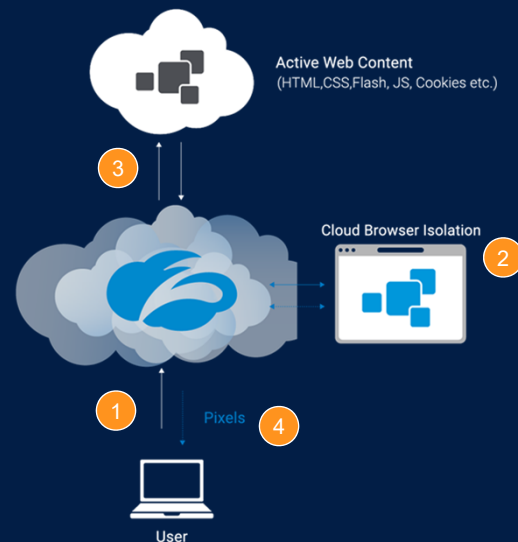Protect against zero-day threats embedded in web pages and scripts

Securing your cloud transformation / ⬢ zscaler™

How it works

Zscaler physically isolates the browser, machine and the network from the app/web site

1. User tries to access a potentially malicious webpage

2. Request is evaluated against defined policies, and if there is a match, creates an isolated browser session

3. Zscaler connects to the webpage and loads the content onto the remote isolated browser

4. Web content is streamed to the end user's native browser as pixels over a HTML5 canvas

Active Web Content
(HTML,CSS,Flash, JS, Cookies etc.)

Cloud Browser Isolation

Pixels

User

Securing your cloud transformation / ⬢ zscaler™

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar
27. Oktober 2020

Granular and customizable protection for your users and data
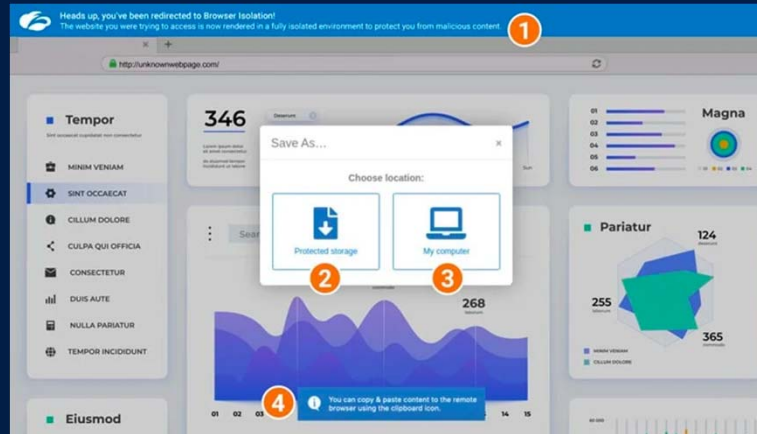
1	2	3	4
Provide safe access to active content by containing it inside a cloud browser isolation session	Protect endpoint devices from threats by confining downloaded files to the isolation container	Stop theft of confidential business data with granular policies that prevent file downloads	Prevent data leakage by controlling user ability to cut and paste data

Securing your cloud transformation

Feature Updates

Securing your cloud transformation

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar 27. Oktober 2020
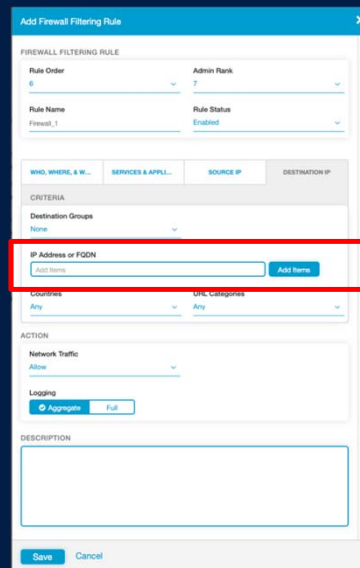
New Naming (sorry ☺)

- Zscaler App (Z App) is changing to Zscaler Client Connector
- ZIA Zscaler Enforcement Node (ZIA ZEN) is changing to ZIA Public Service Edge
- ZPA Zscaler Enforcement Node (ZPA ZEN) is changing to ZPA Public Service Edge
- VZEN is now called Virtual Private Service Edge
- PZEN is now called Physical Private Service Edge
- Private Broker is now called ZPA Private Service Edge

Securing your cloud transformation / ⊘zscaler™

FQDN Evaluation for Standard and Advanced Cloud Firewall

Zscaler now allows FQDN evaluation for both **Standard** and Advanced Cloud Firewall policies. Depending on your type of Firewall, IP addresses and FQDNs will have separate maximum limits.

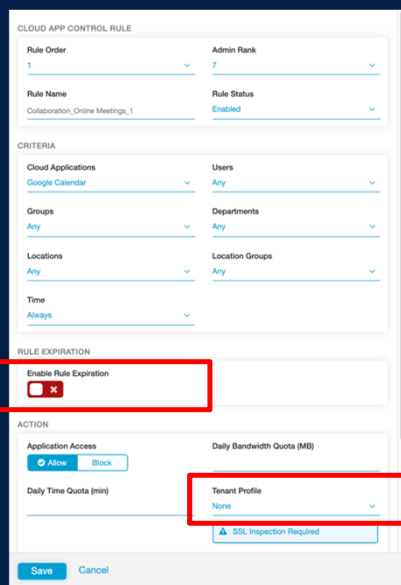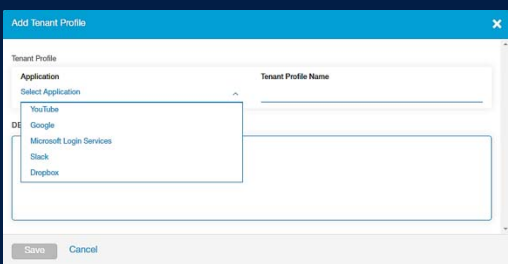Securing your cloud transformation / ⊘zscaler™

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar 27. Oktober 2020

Enhancement to Tenancy Restriction

Zscaler's tenancy restriction now allows you to create tenant profiles for cloud applications and associate them with cloud app control rules. This feature provides granular tenant restrictions for cloud applications, such as allowing multiple tenants for users, locations, or groups, etc.

Securing your cloud transformation

Source-IP Anchoring

- Virtual Private Service Edge (VZEN) / Physical Private Service Edge (PZEN)
- Policy Based Routing / PAC file
- NEW: Source-IP Anchoring via ZPA Connector

This feature uses forwarding policies and Zscaler Private Access (ZPA) App Connectors. You can configure these granular policies on the ZIA Admin Portal to forward the selected traffic to ZPA. These policies use ZPA gateways to selectively forward the application traffic that requires Source IP Anchoring to the appropriate destination servers via the App Connectors of your choice. This allows you to control the source IP of the traffic.

Securing your cloud transformation

AVANTEC
Competence. Security. Trust.

Zscaler Internet Access Update Webinar
27. Oktober 2020

Preview: Zscaler Digital Experience (ZDX)

Securing your cloud transformation / zscaler

Zscaler Digital Experience: Visibility From The End-user To The App

Proactive visibility and diagnostics of end-user experience issues

End-to-end visibility
from user out to SaaS/web applications

Proactive monitoring
of performance anomalies on end-user device, network (local/WAN) and apps

Simplified monitoring workflow
with real-world performance benchmarking and scoring

Isolate issues faster
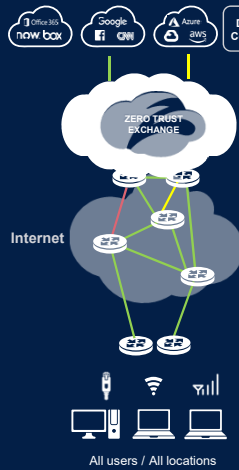eliminating IT delays and finger pointing

SECURING YOUR DIGITAL TRANSFORMATION // zscaler

AVANTEC
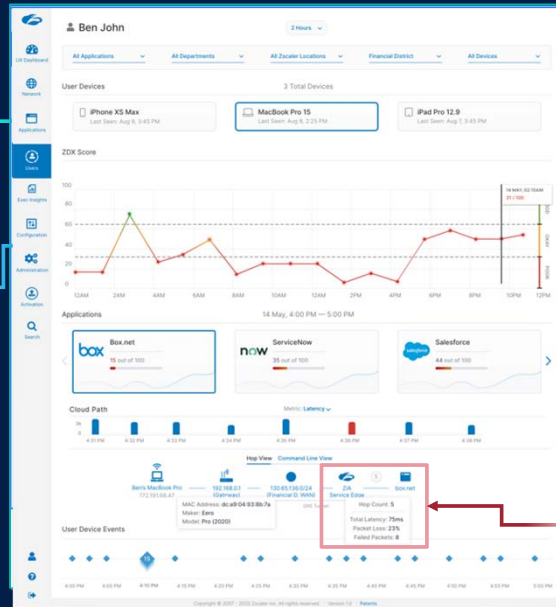*Competence. Security. Trust.*

Zscaler Internet Access Update Webinar
27. Oktober 2020

ZDX Score - Baseline User, App, and Regional Performance Issues

Global view of overall user experience, network performance issues, and device health

Weitere Webinare

Performance Monitoring

Zscaler Digital Experience (ZDX) stellt Visibilität und Trouble-Shooting-Unterstützung bereit, dank End-to-End-Monitoring für alle Zugriffe auf Internet, SaaS- und Cloud-Applikationen. Erfahren Sie alles über diese neue Lösung.

5. November 2020, 10 Uhr

FÜR DIESEN TERMIN ANMELDEN

Zero-Trust Remote Access

Zero-Trust-Zugriff dank **Zscaler Private Access (ZPA)** auf Ihre privaten Applikationen im Rechenzentrum oder in der Cloud und optimale Usability für Ihre Benutzer. Erfahren Sie alles über ZPA und die Zscaler Plattform.

29. Oktober 2020, 10 Uhr

FÜR DIESEN TERMIN ANMELDEN

ZPA-Update (für bestehende Kunden)

Die neuen Themen bei **Zscaler Private Access (ZPA)**: Fehlkonfigurationen und Schwachstellen in der Cloud erkennen und verhindern und sicherer Server-to-Server-Verkehr (nach Zero Trust). Erfahren Sie alles über die neuen Features.

29. Oktober 2020, 14 Uhr

FÜR DIESEN TERMIN ANMELDEN

AVANTEC
Competence. Security. Trust.