

Zscaler Internet Access Update Webinar

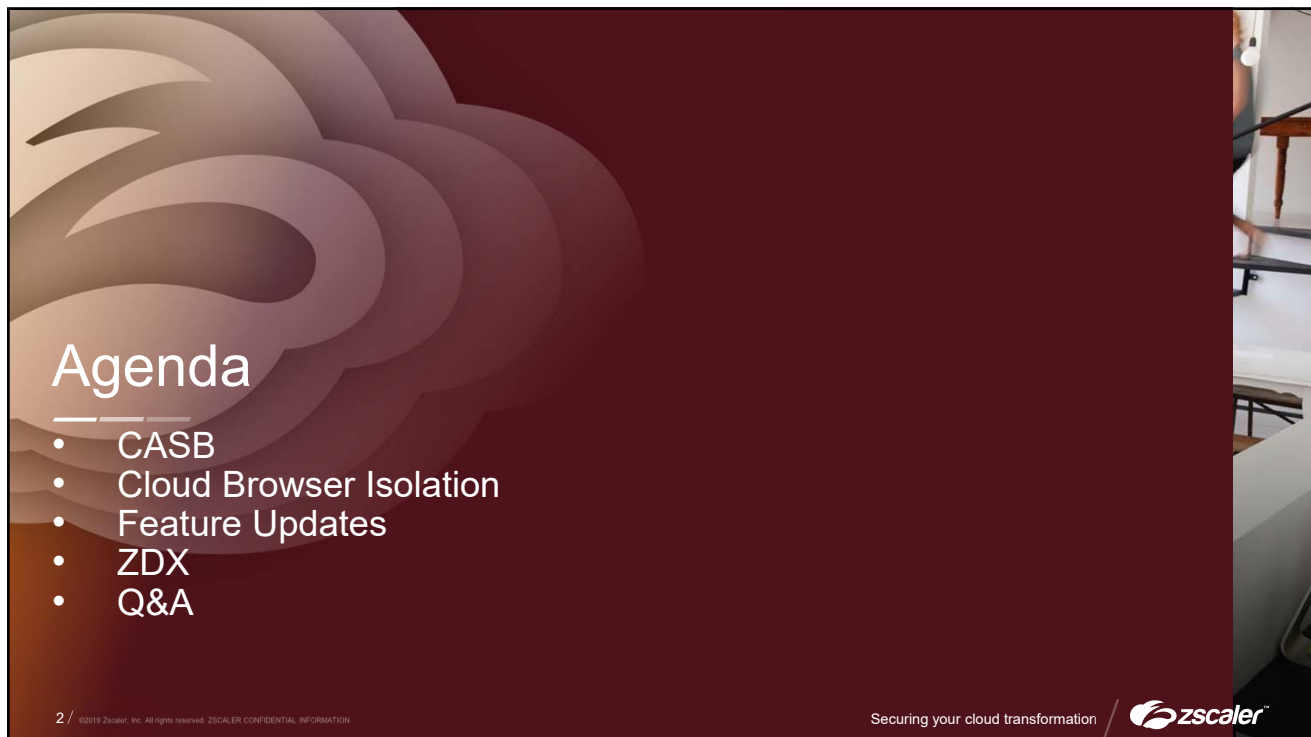
27. Oktober 2020



Zscaler Internet Access Update October 2020

Dominik Hetzer


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Agenda

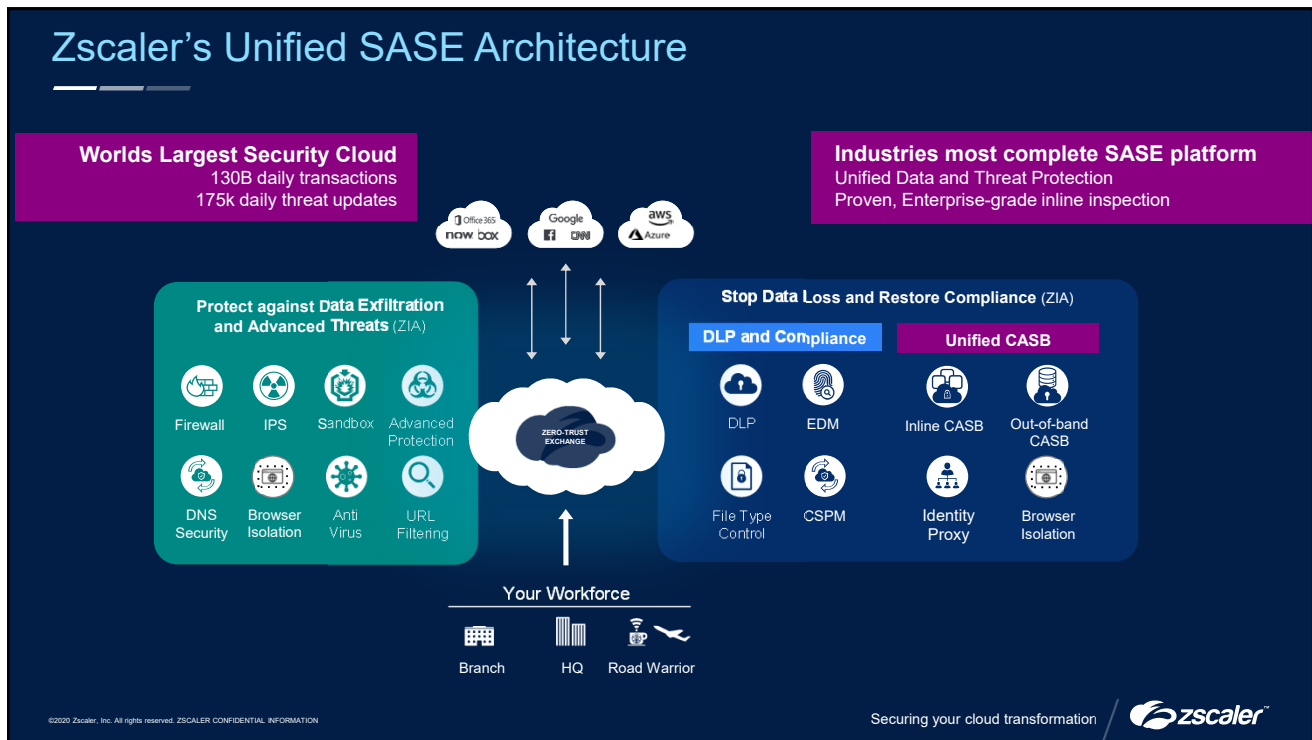
- CASB
- Cloud Browser Isolation
- Feature Updates
- ZDX
- Q&A

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Control Apps with Shadow IT Visibility

Use case: Understand cloud application usage across organization

Cloud App Dashboard

Quickly understand trending apps and usage

Shadow IT Visibility

Identify risky apps with Zscaler and partner threat scores

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Stop Data Loss with Cloud Application Control

Use case: Prevent outbound sensitive data

File Types CATIA Graphical Representation File	URL Categories Any
Users Any	Groups Engineering
Departments Any	Locations Any
Time Always	Protocols FTP over HTTP; HTTP; HTTPS; Native FTP

Allow, block or provide caution

- Granular policy
- Multi-criteria framework



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Inline real-time enforcement with DLP & CASB

Rule Order	Rule Name	Criteria	Action
1	EDM for Employee PII	DLP ENGINES Employee-PII PROTOCOLS Native FTP; HTTPS; HTTP	Block Auditor Notification: admin@safemarch.com
2	005_Allow-CCN-Exception	CLOUD APPLICATIONS Salesforce DLP ENGINES CCN GROUPS Finance	Allow Auditor Notification: admin@safemarch.com
3	005_Block CCN-All	DLP ENGINES CCN	Block Auditor Notification: admin@safemarch.com
4	007_Internal-Documents	DLP ENGINES Internal Documents OR Zscaler Inc FILE TYPES Microsoft Word (doc, docx, docm, docx...)	Block Auditor Notification: admin@safemarch.com

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

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Zscaler Out-Of-Band CASB

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Secure Data at Rest in SaaS applications

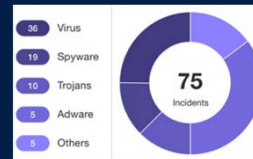
1 Scan



Sensitive Information

Malware

2 Discover



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



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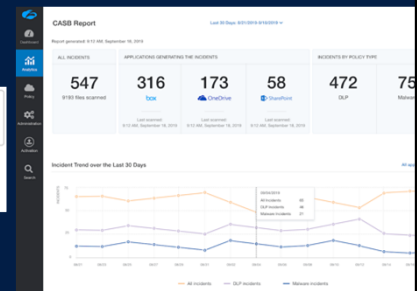
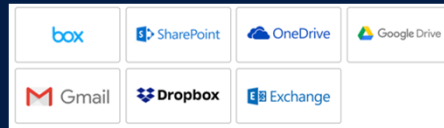


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Frictionless Out-of-Band Protections

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



Rule Order	Rule Name	Severity	Criteria	Action
1	Intellectual Property	High	<ul style="list-style-type: none"> CLOUD APP TENANT: ZSC-Corporate-OneDrive GROUP: Engineering DEPARTMENT: Engineering DLP ENGINE: Source Code, Patents COLLABORATION SCOPE: External 	<ul style="list-style-type: none"> Report Incident Only Revoke Sharing / Make Private Make sharing read only Make external sharing read only Make internal sharing read only Remove external collaborators Report Incident Only
2	PII	Medium	<ul style="list-style-type: none"> DLP ENGINE: Employee-PII 	

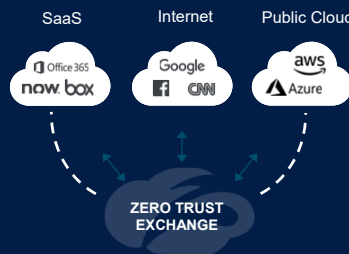
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Fully Integrated Zscaler Data Protection Platform

Data at Rest (Out-of-band CASB)

- Prevent SaaS & Office 365 exposure
- Scan for DLP violations and threats



Cloud Providers (CSPM)

- Remediate misconfigurations in Clouds, SaaS and Office 365

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

Data in Motion (Inline CASB/DLP)

- Stop business-critical data loss in real-time
- Control unsanctioned and shadow apps



Endpoints

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

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Zscaler Cloud Browser Isolation

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Understanding Browser Isolation

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



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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

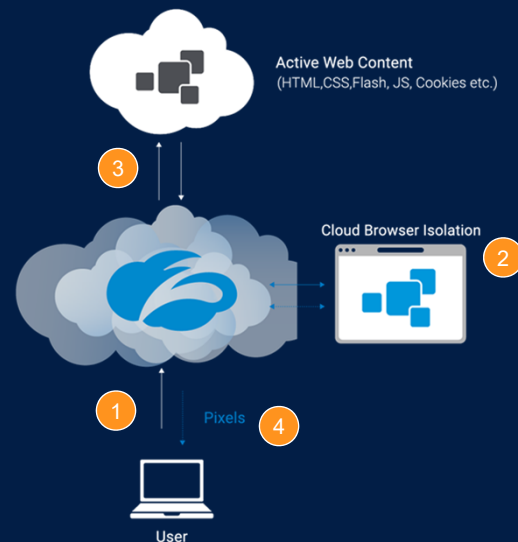
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How it works

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

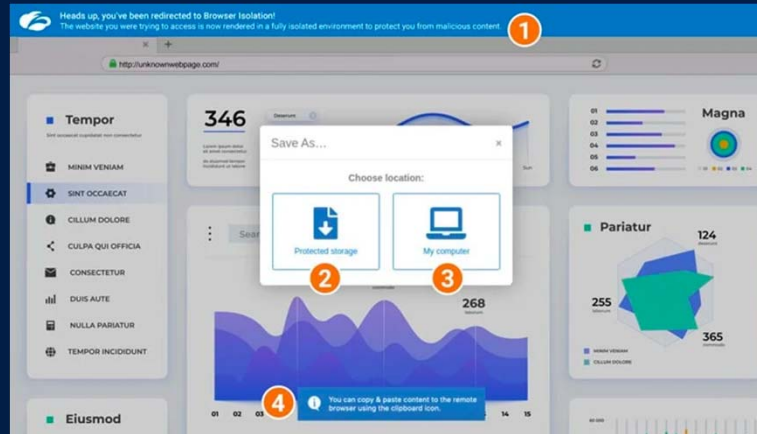


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Granular and customizable protection for your users and data



1 Provide safe access to active content by containing it inside a cloud browser isolation session

2 Protect endpoint devices from threats by confining downloaded files to the isolation container

3 Stop theft of confidential business data with granular policies that prevent file downloads

4 Prevent data leakage by controlling user ability to cut and paste data

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Feature Updates

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New Naming (sorry 😊)

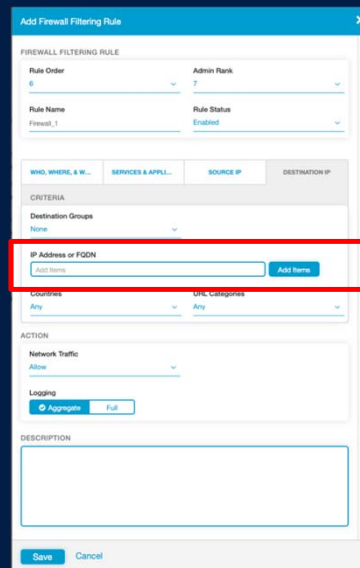
- Zscaler App (Z App) is changing to Zscaler Client Connector
- ZIA Zscaler Enforcement Node (ZIA ZEN) is changing to ZIA Public Service Edge
- ZPA Zscaler Enforcement Node (ZPA ZEN) is changing to ZPA Public Service Edge
- VZEN is now called Virtual Private Service Edge
- PZEN is now called Physical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

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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.



The screenshot shows the 'Add Firewall Filtering Rule' configuration window. The 'IP Address or FQDN' field is highlighted with a red box, indicating the new feature for FQDN evaluation. The window includes fields for Rule Order, Admin Rank, Rule Name, Rule Status, Criteria (Destination Groups), IP Address or FQDN, Location, URL Categories, Action (Network Traffic, Logging), and Description.

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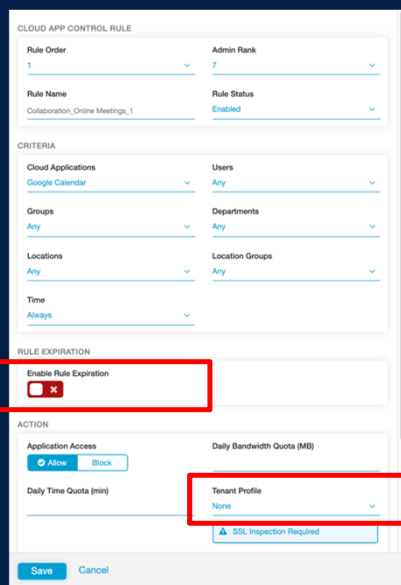
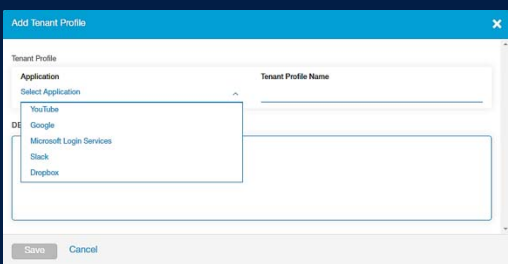
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Enhancement to Tenancy Restriction

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.



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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.

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Preview: Zscaler Digital Experience (ZDX)

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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

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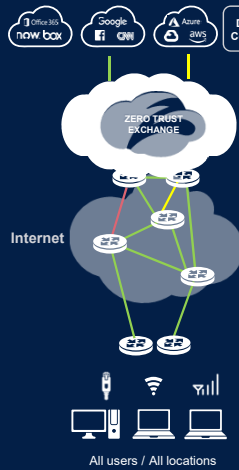
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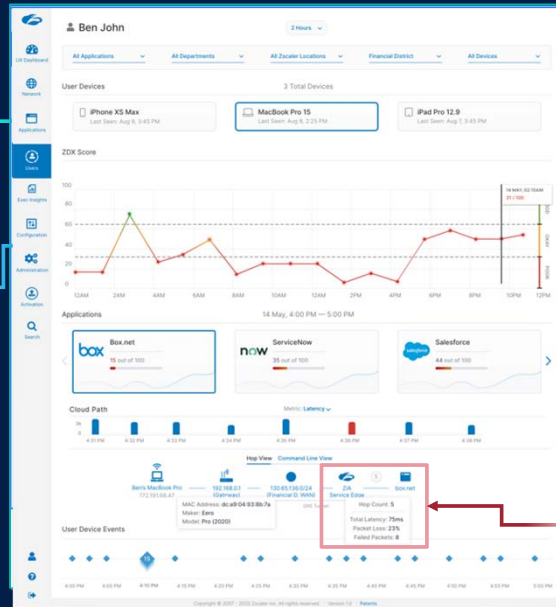
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ZDX Score - Baseline User, App, and Regional Performance Issues



ZDX Score computed for Apps, Devices, Users and Locations

Ben is experiencing slowness, with Box service, but not others in NY



ZDX score timeline for Box app

Latency and packet loss on Ben's sessions between ZIA and box service

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

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Weitere Webinare

Performance Monitoring

Zscaler Digital Experience (ZDX) stellt Visibilität und Troubleshooting-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