



Zscaler Data Protection Webinar




11. Mai 2023



Deliver unmatched
Data Protection with Zscaler



Protecting data must be a priority

Data Loss	Breaches	Ransomware
		
10,000 Data Loss Events Daily ¹	\$4.35M Cost Per Data Loss Event ²	+50% of Ransomware exfiltrated data ³

1,2,3 – 2022 ThreatLabz Data Loss Report
<https://www.zscaler.com/resources/industry-reports/2022-threatlabz-data-loss-report.pdf>

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11. Mai 2023



Top initiatives to secure data:

- 1 Prevent data loss and breaches**
Secure distributed and sensitive data
- 2 Secure data collaboration and prevent exposure**
Get better visibility of collaboration risks
- 3 Restore regulatory compliance**
Enforce proper risk controls per requirements
- 4 Reduce cost & complexity**
Simplify and centralize data protection operations

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Delivering Data Protection from an SSE platform

What you need to properly secure your data:



Scalable, reliable inspection
Required for business-critical traffic

Unlimited SSL inspection
from a high-performance platform



Unified platform
Avoids point product complexity

Protect it all: Web, Email, SaaS,
Private Apps, Endpoint & BYOD



Simplified operations
Faster deployments & workflows

Powerful **data discovery** and
workflow automation

Remember: You need a strong focus on both **Internal AND External** threats

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AVANTEC
Competence. Security. Trust.

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11. Mai 2023

Delivering scalable, reliable content and data security

Internet & SaaS
Private Apps

World's Largest Security Service Edge

Zero Trust Exchange

Daily traffic

6000+ customers 4Tbps throughput 13PB scanned

Daily Transaction Volume (in Billions)

Zscaler Transactions	250B
Salesforce.com transactions	14.9B
Google searches	8.5B
Credit Card transactions	1.1B
Tweets on Twitter	.5B

Daily protection

170M+ Files Inspected
(Office, PDF, Image, Zip, ect)

250B daily transactions 7B+ policies blocked 288M threats blocked

The most proven SSL inspection platform for data discovery

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One unified platform to protect ALL your data

1

Prevent loss to Web & SaaS

Block sensitive data with DLP for Web, Private App & Email

Gmail & Exchange Internet & SaaS Private Apps

Unified Policy
Single policy protects everywhere. Powerful classification engine.

Zero Trust Exchange

3

Protect data inside cloud apps

Prevent risky data oversharing and exposure with CASB

2

Secure data on Endpoints

Control device data with Endpoint DLP

Enable secure BYOD by isolating data with Browser Isolation

4

Stop breaches with posture control

Close dangerous misconfigurations and control native apps with SSPM

Control risky SaaS Platform connections with Third-party App Security

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11. Mai 2023

Faster deployments with Zero Configuration Data Protection

Zero Configuration Data Protection
ML-Powered Auto Discovery

See all data risks with ease

Accelerated deployments – no administration needed!

Pivot to policy creation in a few clicks

Discovered data leaving the organization

8,000 Total Files (at top 10 ML categories)

Category	Count	Percentage
Resumes	2,640	33%
Legal Documents	2,000	25%
Financial Documents	1,360	17%
Tax Forms	640	8%
DMV	480	6%
Securities & Exchange Commission forms	320	4%
Medical Documents	240	3%
Mortgage Documents	160	2%
Immigration and Passport	80	1%
SSN	77	<1%
Other Files	342	

Data Timelines

Top Users

User	Sanctioned	Unsanctioned
Alex Abdi	1,580	0
Ben Bates	964	0
Cynthia Cider	859	0
Hannah Roy	748	0
Jim Scott	636	0

Top Data Destinations

Destination	Sanctioned	Unsanctioned
Google Drive	3,170	0
OneDrive	2,565	36%
Dropbox	1,125	0
Box	605	0
Microsoft Teams	363	0

The risks associated with the Third-Party Apps

1

IT installs hundreds of SaaS Platform Apps

2

Users connect thousands of unapproved & risky apps

3

The results?

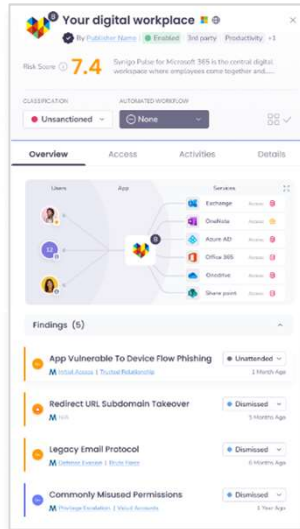
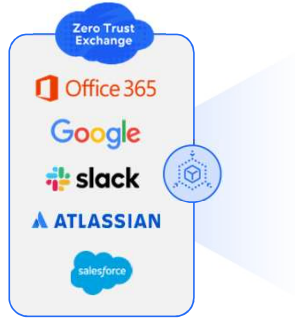
- Potentially Harmful**
Is it really what it says it is? Has it been compromised?
- Vulnerable**
Where can it connect to or from?
- Over-privileged**
Does it really need the privileges it asks for?
- Data Leakage**
Has data left your platform? Where was it copied to?

These third-party app risks increase potential for data loss

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11. Mai 2023

Zscaler AppTotal for risky third-party apps



Protect SaaS platform data from dangerous Third-Party connections

Discover Third-party App Connections
Full visibility over unapproved apps and APIs.

Revoke Risky App Access
Reduce attack surface by revoking suspicious or over-privileged apps

Enforce Access Governance
Automating app-vetting and app access recertification processes

Powered by a best-in-class Data Protection Engine

Data Loss Prevention (DLP)

Adv. Data Classification
Customize detection with EDM, IDM & OCR

Protect custom data & list, documents, and screen shots

Machine Learning
Unmatched detection intelligence

Continuous learning across 170M+ daily files

Microsoft Information Protection
Integrate with existing ecosystem

Block tagged data inline & write tags for data at rest

Cloud Access Security Broker (CASB)

Shadow IT Discovery
Stop risky app usage

Comprehensive cloud app catalogue

Tenancy Restrictions
Granular control over account usage

Full control over corporate vs personal account usage

Collaboration Management
Prevent risky data sharing

Unified DLP to help find and revoke sensitive data sharing

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11. Mai 2023

Streamline workflows with closed-loop investigations

Workflow Automation
Cloud Hosted incident management

Internet & SaaS Private Apps

Zero Trust Exchange

Incident justification across users & managers

User Coaching - Improve protection program

Incident Response - Details

Overview: Incident ID 9433717344758, Incident Date and Time Jul 01, 2022 10:19:40 AM, Priority Select Priority, DLP Admin Select Admin

Violation Details: Name: Samirj Mandol, Client IP: 214.236.166.93, Policy: Rules: Block-HTTP-S-MIN, Engines: HTTPS, Dictionaries: Medical-Information

State Changes:

Incident Time and Date	Priority	Incident ID	Responsible
Jul 01, 2022 11:43:19 AM	High	9433717344758	Blocked/Notified the remediation owner samandia@zscaler.com
Jul 01, 2022 11:43:19 AM	Critical	9433717344758	Changed status from Escalated to Validating with User
Jul 01, 2022 11:43:19 AM	Low	9433717344758	Admin changed from subhampati202p to SankayM
Jul 01, 2022 11:43:19 AM	Medium	9433717344758	Notified the remediation owner samandia@zscaler.com
Jul 01, 2022 11:43:19 AM	High	9433717344758	Changed status from Investigating to Escalated
Jul 01, 2022 11:43:19 AM	Critical	9433717344758	Changed severity from Critical to High
Jul 01, 2022 11:43:19 AM	Medium	9433717344758	Changed severity from Critical to High
Jul 01, 2022 11:43:19 AM	High	9433717344758	Comment Changed

Easily manage, assign and escalate incidents

Track state changes and case priority

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The industries most complete SSE Platform

Cyber Threat Protection
Secure users, workloads and devices

- Reduce your attack surface
- ML-based Adv. Threat Protection

Data Protection
Holistic approach to stop data loss

- Secure all cloud channels
- Simplify Operations

Zero Trust Exchange

Zero Trust Connectivity
Connect to apps, not networks

- Prevent lateral movement (*segmentation*)
- Branch & multi-cloud connectivity

Digital Experience Management
Resolve device performance issues

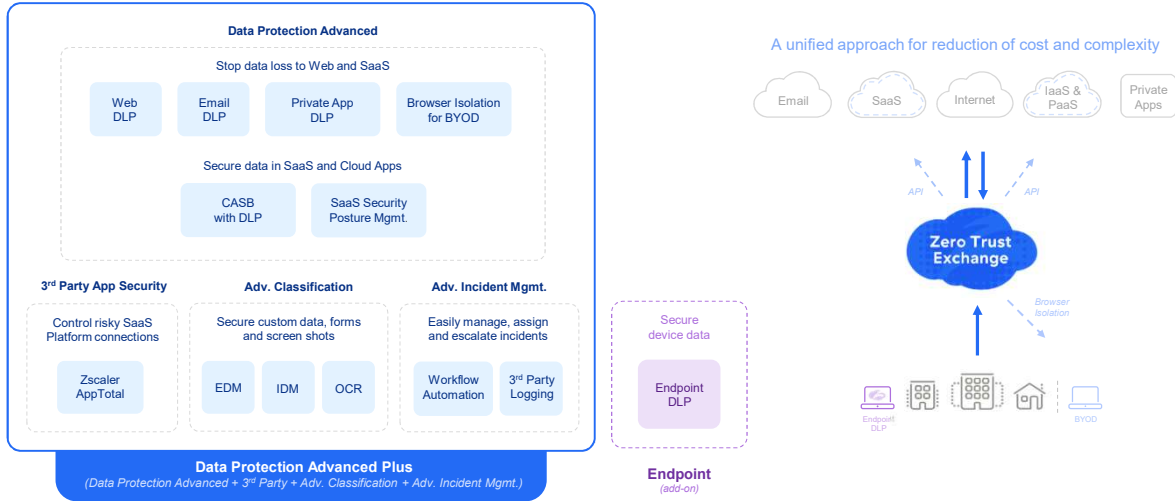
- End-to-end user experience monitoring
- UCaaS Monitoring (Zoom, Teams)

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11. Mai 2023

Getting started with Zscaler Data Protection



Ready to see Zscaler Data Protection in action?



Watch Videos

zscaler.com/data-demos

See a quick demo of key data protection features

CASB Shadow IT Discovery

CASB Collaboration & Sharing Mgmt

BYOD Control with Browser Isolation

SaaS Security Posture Management (SSPM)

DLP Dictionaries and Policies

DLP User Notifications

Tenancy Restrictions

Exact Data Match (EDM)

Indexed Document Matching (IDM)

Optical Character Recognition (OCR)

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11. Mai 2023



Thank you!

