

CLOUDY WITH A CHANCE OF MALICE

FORECASTING THE NEW ERA OF CLOUD-ENABLED THREATS

WEB VS CLOUD TRAFFIC

53%

APPS & CLOUD SERVICES



More than half of web gateway traffic is related to cloud

90%

TLS ENCRYPTED



90% of traffic is TLS encrypted*

* Google HTTPS Transparency Report Worldwide Windows Platforms 14 November 2020

More than 50% of web gateway traffic is related to apps and cloud services, plus over 90% is TLS encrypted. The data context of cloud and web traffic is vital for data and threat protection within SASE architecture.

MALWARE DOWNLOADS



61%

of malware downloads originate from the cloud using:



Trusted domains



Valid certificates

Attacks continue to shift to cloud apps with 61% of malware downloads originating from the cloud where the **Top 5 apps account for more than 50% of these malicious downloads.**

MALICIOUS OFFICE DOCUMENTS



Up to **38%**

of malware downloads were malicious Microsoft Office documents in 2020

More specifically, malicious **Microsoft Office documents represented up to 38% of all malware** during 2020 driven by Emotet-based attacks finishing the year at 27%.

CLOUD APP RISKS



47.5%

of apps have a **poor Cloud Confidence Index™ (CCI)** creating a risk to data and users



Top **poor rated** apps with user data uploads include:

- 1 Yahoo Mail
- 2 ILovePdf
- 3 PDF to PNG
- 4 PDF2Go.com
- 5 AOL Mail

Nearly 50% of apps have poor risk ratings putting data at risk where real-time coaching can advise users on safer alternatives.

DATA TO PERSONAL APPS



83%

of users use **personal app instances** on managed devices and average 20 file uploads each month

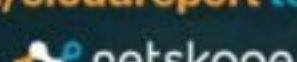


Top **personal apps** users upload sensitive data from managed devices include:

- 1 Microsoft OneDrive
- 2 Google Drive
- 3 Google Gmail
- 4 iCloud
- 5 WeTransfer

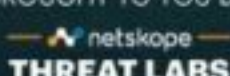
Data protection and advanced DLP **require app instance awareness to prevent data exfiltration** to personal apps.

Visit www.netskope.com/cloudreport to download the full report



The Netskope security cloud provides unrivaled visibility and real-time data and threat protection when accessing cloud services, websites, and private apps from anywhere, on any device. Reimagine your perimeter with Netskope.

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