

# CYBER SECURITY ROUNDTABLE 2022



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## OUR AGENDA

- Introductions
- The Hornetsecurity Cyber Security Report
- An analysis of email communications and top detected threat-types
- Major threats from 2022 and how they shaped where we're headed
- Predictions for 2023
- What can businesses do to prepare?
- Wrap-Up and Q & A



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# YOUR HOST FOR THIS SESSION



Andy Syrewicze  
Technical Evangelist  
Microsoft CDM MVP and VMware vExpert

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# YOUR PANELISTS



Mark Hofmann

Behavioral & Cyber Profiling Expert



Hasain Alshakarti

Principal Cyber Security Advisor  
TRUESEC



Umut Alemdar

Head of Security Lab  
Hornetsecurity



# HORNETSECURITY – LEADING CLOUD EMAIL SECURITY, COMPLIANCE, AND BACKUP PROVIDER

## • Our portfolio

- 365 Total Protection - Covers all aspects of security for Microsoft 365: from spam, malware, and threat protection, compliance and email management, to backup and recovery
- 5,000+ partners & 50,000+ customers worldwide



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## • About Hornetsecurity

- In-house development: From the initial idea to the final product, our services are planned, conceived, and developed in house
- In-house support in our offices in German, English, Spanish, and French
- Security Lab: 24/7 monitoring of email traffic; continuous evaluation, analysis, and reporting of email threats

# THE HORNETSECURITY PRODUCT STACK

## CLOUD SECURITY SERVICES FOR MICROSOFT 365



## SECURITY SERVICES



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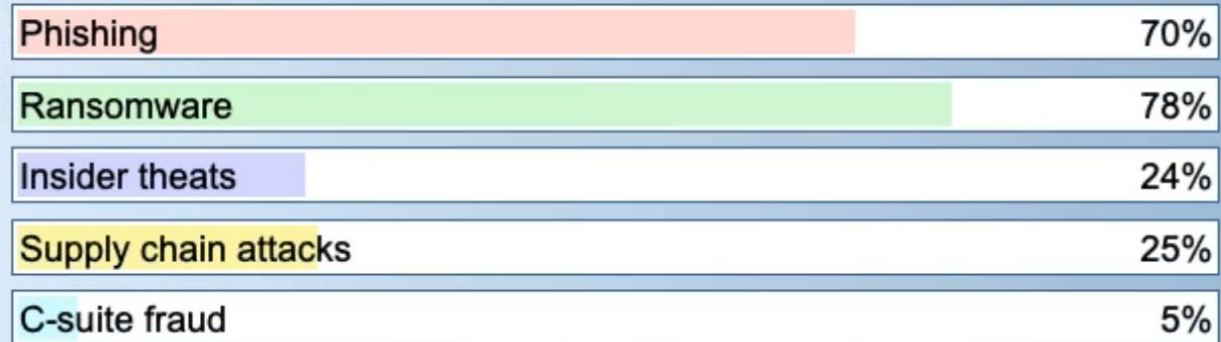
Poll: What are your security concerns for 2023



## QUICKPOLL

### What is your top security concern for 2023?

#### Poll Results:





# THE HORNETSECURITY CYBER SECURITY REPORT



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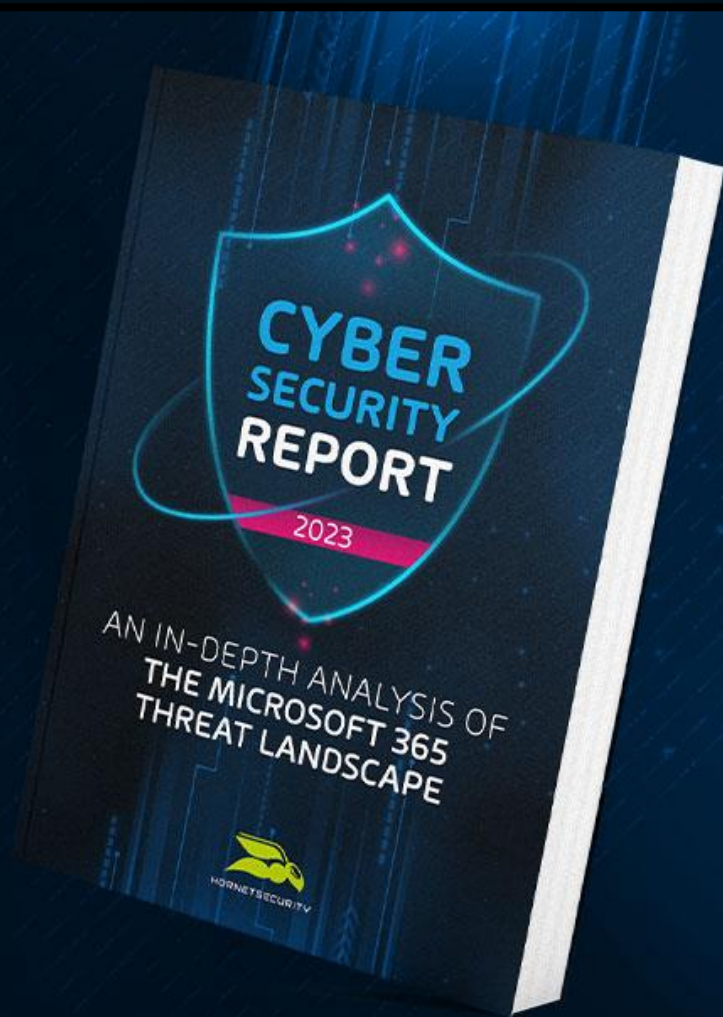
## THE CYBER SECURITY REPORT

# CYBER SECURITY REPORT 2023

AN IN-DEPTH ANALYSIS OF THE  
MICROSOFT 365 THREAT LANDSCAPE



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<https://www.hornetsecurity.com/en/cyber-security-report/>



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# AN ANALYSIS OF EMAIL COMMUNICATIONS AND TOP DETECTED THREAT-TYPES

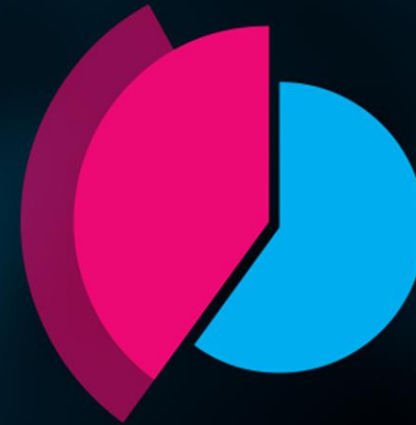


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# SOME STATISTICS

FROM AN ANALYSIS OF 25 BILLION+ EMAILS

40.5%  
UNWANTED



60.5%  
"CLEAN"  
EMAILS



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## Breakdown of "Unwanted" Emails Below

79.45% REJECTED

15.03% SPAM

4.28% THREAT

1.20% ADVTHREAT (CEO fraud, spear phishing, etc.)

0.04% CONTENT (Emails with illegal attachments predefined by the admin at Hornetsecurity)



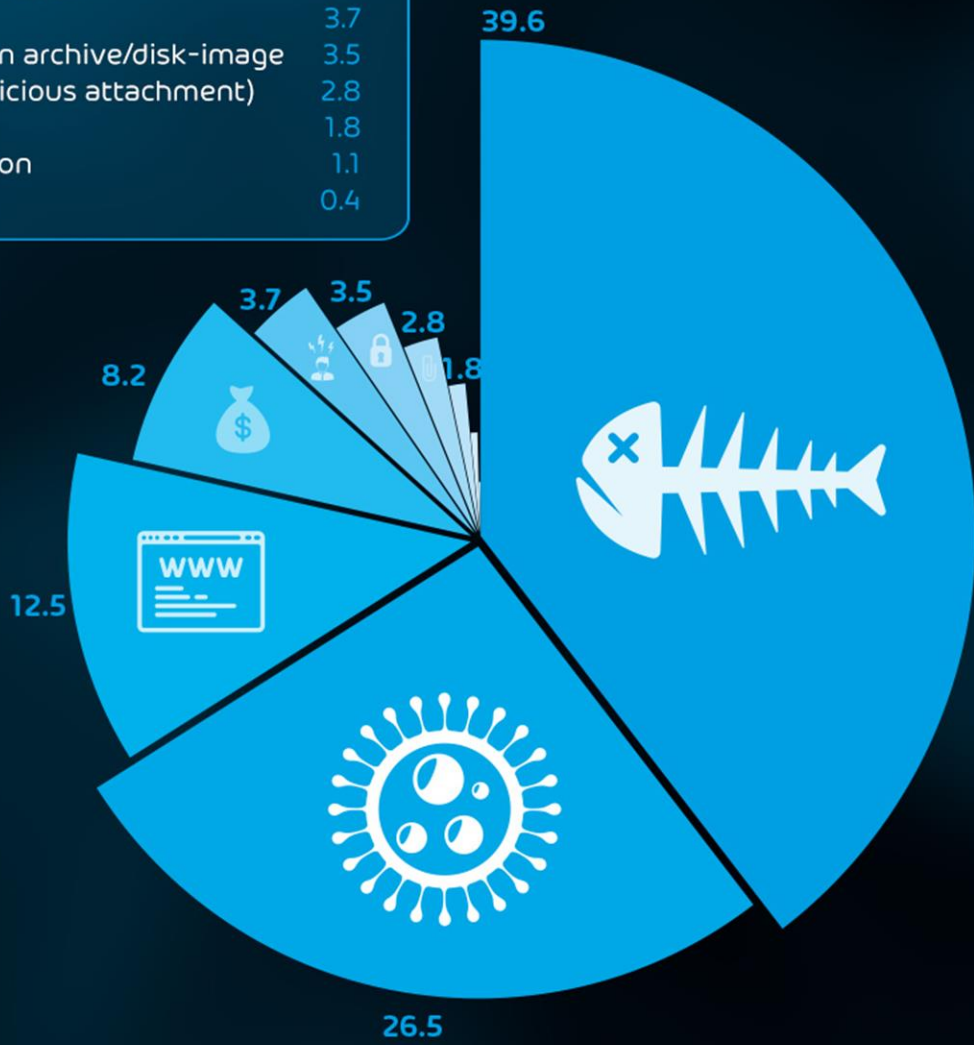
# ATTACHMENT TYPES USED FOR ATTACKS



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	2021	2022	
	33.6	28.0	ARCHIVE
	15.3	21.0	HTML
	4.8	12.7	WORD
	14.5	12.4	PDF
	10.2	10.4	EXCEL
	4.2	5.4	DISK IMAGE FILES
	8.7	4.8	OTHER
	8.1	4.3	EXECUTABLE
	0.2	0.7	SCRIPT
	0.0	0.1	EMAIL
	0.0	0.1	LNK FILE
	0.4	<0.1	POWERPOINT

Phishing	39.6
Other	26.5
URL	12.5
Advance-fee scam	8.2
Extortion	3.7
Executable in archive/disk-image	3.5
Maldoc (malicious attachment)	2.8
HTML	1.8
Impersonation	1.1
PDF	0.4



Most popular attack vectors in 2022



# MAJOR THREATS FROM 2022 AND HOW THEY SHAPED WHERE WE'RE HEADED



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# PREDICTIONS FOR 2023



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# MORE DARING DEEPFAKES



▶ <https://youtu.be/oxXpB9pSETo>

▶ <https://youtu.be/iyiOVUbsPcM>



 **VFXCHRISUME**

**WHAT CAN BUSINESSES DO TO PREPARE?**



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**WRAP-UP AND Q & A**



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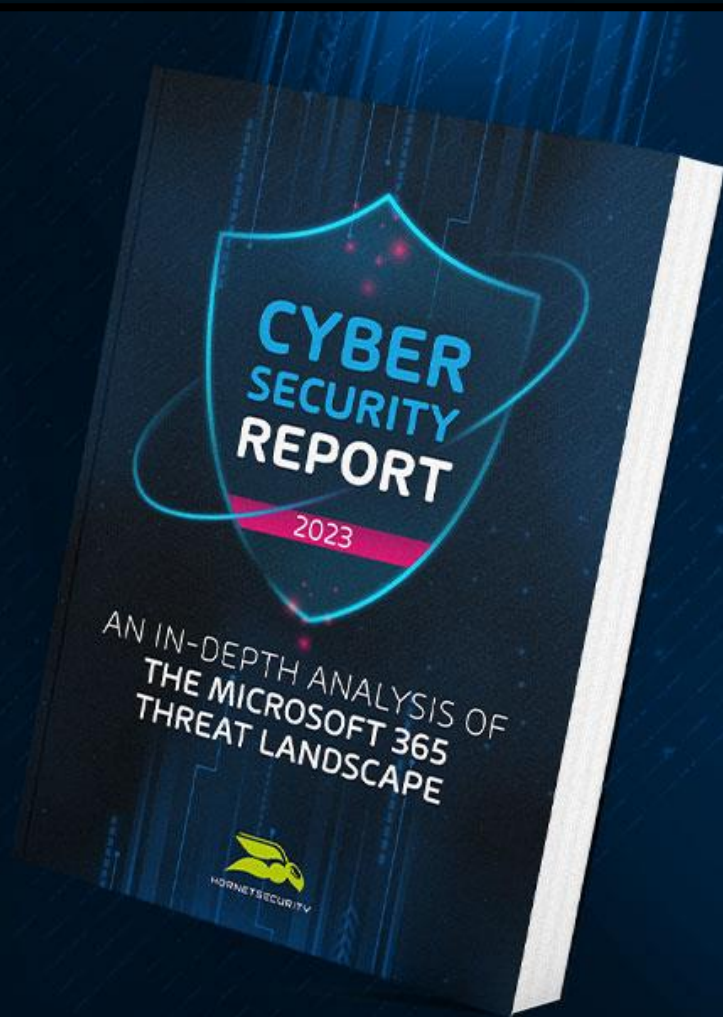
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- Demo – Hornetsecurity Total Protection



**IT'S DANGEROUS TO GO ALONE!  
TAKE THIS!**

Hornetsecurity Website

[www.hornetsecurity.com](http://www.hornetsecurity.com)

Information on Hornetsecurity 365 Total Protection

[www.hornetsecurity.com/us/services/365-total-protection/](http://www.hornetsecurity.com/us/services/365-total-protection/)

Hornetsecurity Blog – Your location for IT Security News

[www.hornetsecurity.com/us/news/blog](http://www.hornetsecurity.com/us/news/blog)



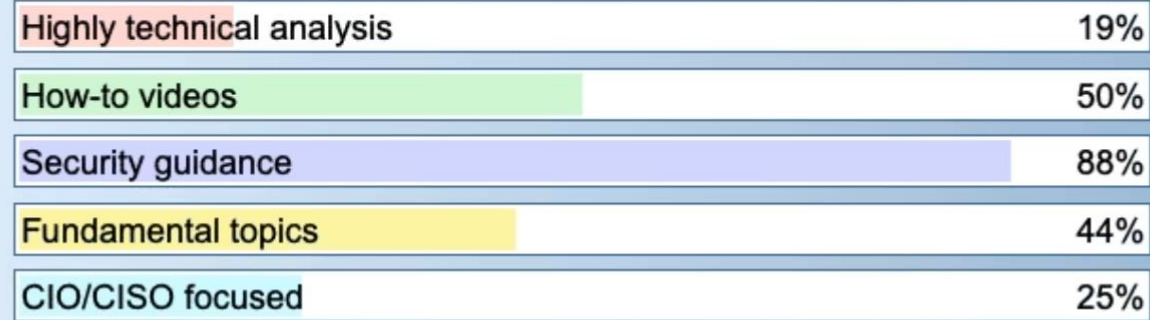
Poll: What type of security content are you looking for?



## QUICKPOLL

**What kind of security content would you like to get more of from us?**

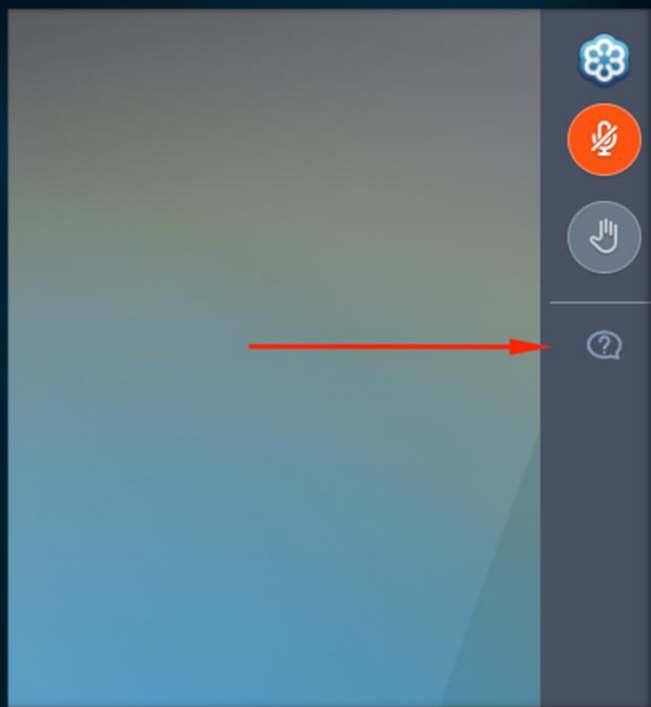
**Poll Results:**





## QUESTIONS???

Do you have questions or input of your own? Use the "Questions" box in GoToWebinar to join the conversation!



U Haz\_Question?

# How Would You Like Us to Follow Up?



Sign me up for your newsletters!



I'd Like a Free Trial of 365 Total Protection!



Schedule an individual appointment with one of our experts



Sign Me Up for More Content!

\*Type your selection in the Q & A Box!

**THANK YOU!**



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