



HORNETSECURITY



DUEL OF THE HACKERS 2.0

WEBINAR
21st JUNE 2023

REGISTER NOW

OUR EXPERTS



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COLIN WRIGHT

VP, EMEA Sales
Hornetsecurity GmbH



TIMO HÜTTICH

Presales Consultant
Hornetsecurity GmbH

THAT IS HORNETSECURITY

NEXT-GEN SECURITY

SECURITY - BACKUP - COMPLIANCE - SECURITY AWARENESS TRAINING



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Ransomware/Phishing

We are under constant attack!



What we think a hacker looks like?



The new reality of Threat Actors/Hackers!

2022 trends

- Lockdown and home usage drove more attacks
- Growth of 365, WFH and Teams
 - Use of any machine to access data and continue to work
- 82% increase Ransomware attacks
- CEO Fraud
- 170+ new adversaries
- 45% increase in intrusion campaigns
- PaaS
 - Phishing as a Service
 - Dark web
 - Great tech support!!
- Business email compromise
- Social engineering
- Account takeover attacks – LinkedIn new starters



Our brain struggles?

BECAUSE IT ADAPTS – MAKES IT EASIER TO TARGET

According to a research at Cambridge University, it doesn't matter in what order the letters in a word are, the only important thing is that the first and last letter be at the right place. The rest can be a total mess and you can still read it without problem. This is because the human mind does not read every letter by itself, but the word as a whole.

Everyone can “click”

Spot the Difference?

maybank2u.com is not the same as
maybank2u.com

citibank.com is not the same as
citibank.com
(the first one is correct, the second one
is from hackers)

The "a" in the later url is a cyrillic
alphabet.

An average internet user can easily fall
for this. Be careful for every mail
requiring you to click on a link.

- a – standard MSFT dictionary
- Cyrillic characters will not be “seen” by our brain

Alexa take my money!





PHISHING SIMULATION - EXAMPLES

The screenshot shows an Outlook window titled "We've Updated Your Email 12/04/2022 10:08:15 - Message (HTML)". The interface includes a ribbon with "File", "Message", and "Help" tabs. The "Message" ribbon is active, showing options like "Delete", "Archive", "Reply", "Reply All", "Forward", "Meeting", "More", "Quick Steps", "Move", "Send to OneNote", "Actions", "Mark as Unread", "Find", "Read Aloud", and "Language".


The email content is as follows:

We've Updated Your Email 12/04/2022 10:08:15

 colinjwright@btconnect.com
To colinjwright@btconnect.com

 If there are problems with how this message is displayed, click here to view it in a web browser.

Your mailbox is almost full.

0.92 GB  **0.95 GB**

We are closing all old versions of BTCONNECT Mailbox as from **13**.

[**CLICK HERE TO UPGRADE NOW**](#)

Thank You.

Please do not reply to this message. Mail sent to this address cannot be ans

12/04/2022 10:08:15

Your latest bill is ready

Hello,
Your latest bill is now ready to view in My BT. Go to bt.com/mybt or click the button below:

[View your bill in My BT](#)

You don't need to do anything to pay it. We'll take your Direct Debit as normal. To find out when, take a look at the bill.

Need some help?

BT STATUS: *Active*****

[Call 0800 800 150](#) [Read our FAQs](#)

The legal stuff

Please don't reply to this email - we won't see it.


Phishing Quiz

<https://phishingquiz.withgoogle.com/>

Let's start with this Google Doc email

Make s
 **Sharon Mosley** <sharon.mosley@westmountdayschool.org>
to me

Good day colin,

 **Luke Johnson**
to me

Please find attached the 2022 financial a

Thanks and regards,

Ms. Sharon Mosley
Westmount Day School

PDF

PDF 2022 F.A.R.pdf

Good effort, colin!
You got 4/8 correct.

Practice makes perfect and the more you understand what to look for, the safer you are from phishing attacks.

You can also take a few simple steps to protect your online accounts better. Learn more at g.co/2SV.

Share the quiz:



HOW CAN SECURITY AWARENESS HELP?

Hornetsecurity Security Awareness Service



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REQUIREMENTS FOR A SUSTAINABLE SECURITY CULTURE



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MINDSET

Motivation and open communication

- Understanding of threat situation
- Emphasize personal responsibility



Communication aids for all stakeholders

SKILLSET

Acquire skills and knowledge

- Phishing-Simulation
- E-Learning
- Short Videos



Awareness Materials

TOOLSET

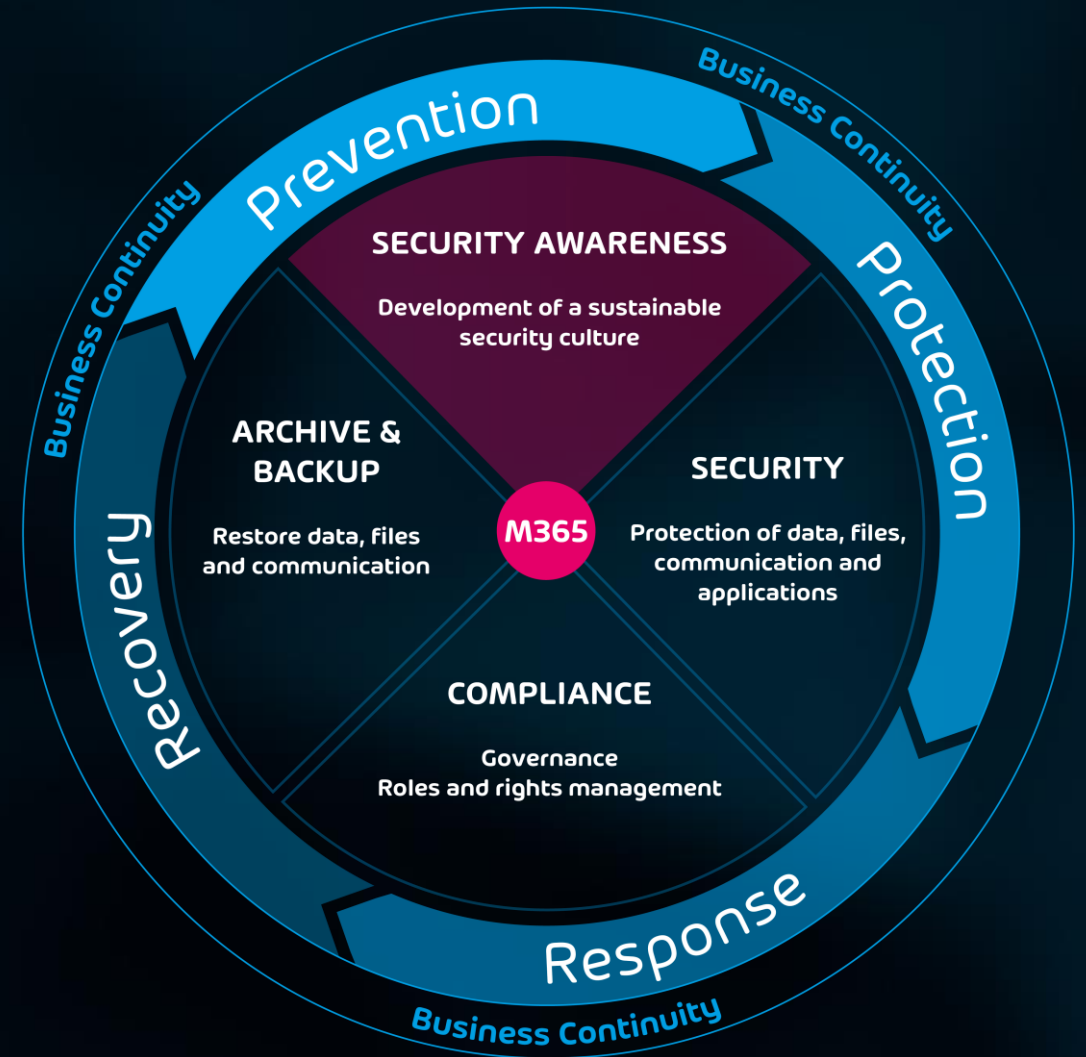
Actively get involved in taking action

- Live-Dashboard
- Incident reporting chains



Reporter-Button
Outlook Add-In

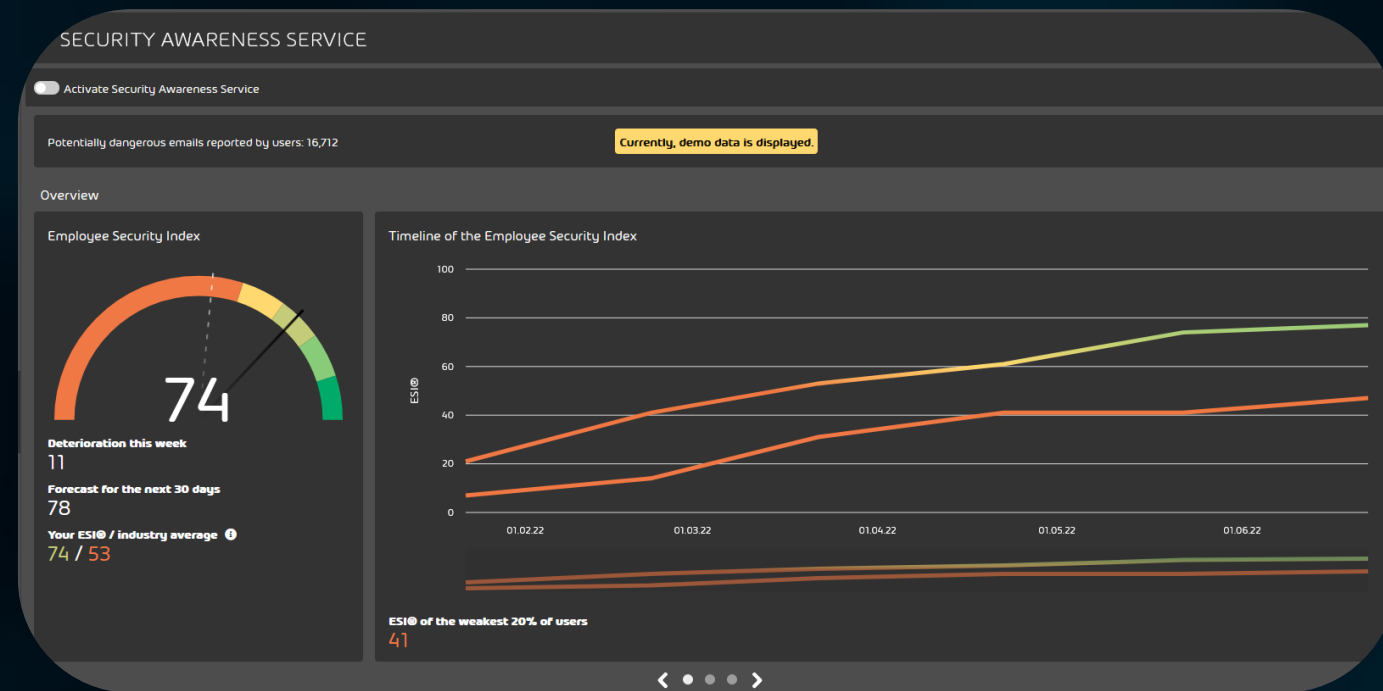
NEW: NEXT-GEN SECURITY AWARENESS SERVICE



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AWARENESS DASHBOARD IN CONTROL PANEL

- Monitoring the development of the security awareness training
- ESI®- Reporting incl. history and forecast and Training KPIs
- Configure and customize awareness training to meet the needs of your organization



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SECURITY HUB

Effective

- Central access to all learning content
- Evaluation of the individual phishing simulation
- Gamification approach spurs users to "give their best"



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The screenshot displays the Security Hub interface. At the top, the Hornet Security logo and the text "SECURITY HUB" are visible. A navigation sidebar on the left includes "E-learning", "Phishing e-mails", "My progress", "Control Panel", "Your feedback", and "Data protection". The main content area features a welcome message for "LUKAS KATZENBERGER" and a search bar. Below this, a section titled "CONTINUE E-LEARNINGS" lists eight modules with their respective durations:

Module Name	Duration
QUICK-CHECK: IT AND ME	2 min
MEMO-RAYS: PHISHING	4 min
QUICK-CHECK: PASSWORDS AND AUTHENTICATION	6 min
DATA PROTECTION	30 min
MEMO-RAYS: VISHING	4 min
STAYING SECURE WHILE WORKING FROM HOME	15 min
QUICK-CHECK: INFORMATION PROTECTION CLASSES	4 min
BYOD AND MOBILE DEVICE SECURITY	4 min

NEXT-GEN SECURITY AWARENESS SERVICE

Measurable - Effective - Realistic - Efficient
Fully automated and easy to implement!



Training on autopilot: The learning content is automatically rolled out to users and groups according to their needs - no one-size-fits-all approach.



Highest level of spear phishing simulation: individual and role-specific spear phishing emails incl. file attachments, fake websites - all generated and sent fully automatically.



Scientifically based ESI[®] benchmark: Don't just count click-through rates, measure and compare realistic security behavior.



Automatic onboarding of new users into awareness training.



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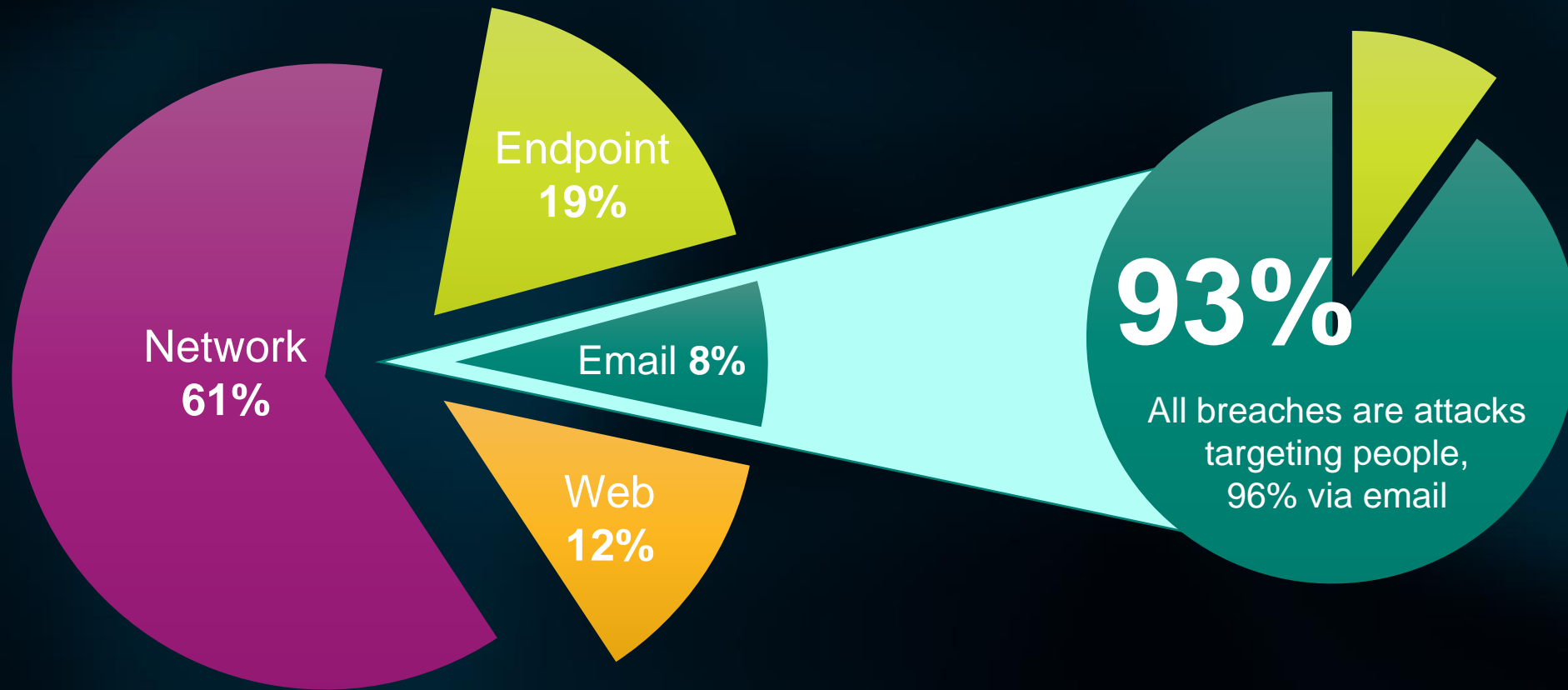


NOW IT'S TIME FOR THE...

LIVE DEMO!

Why is email security so important?

IT SECURITY SPENDING



Source* Gartner & Verizon DBIR



HORNETSECURITY SECURITY LAB

- Team of international developers and IT security specialists
- 24/7 monitoring of detection mechanisms
- Exclusive facts & figures (average):
 - 👁 33.120 new email-based threats observed on an average day
 - 👁 12996 ransomware attacks per hour
 - 👁 361 "sophisticated" phishing attacks per minute
 - 👁 8 multi-vector (phone, email) fraud attacks per minute



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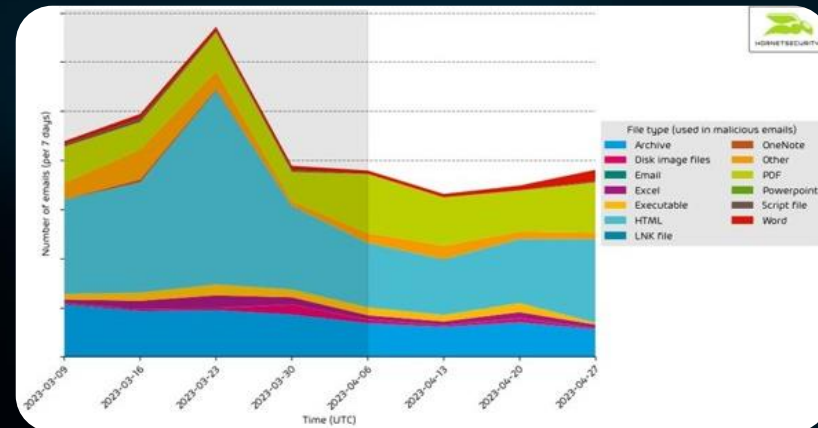
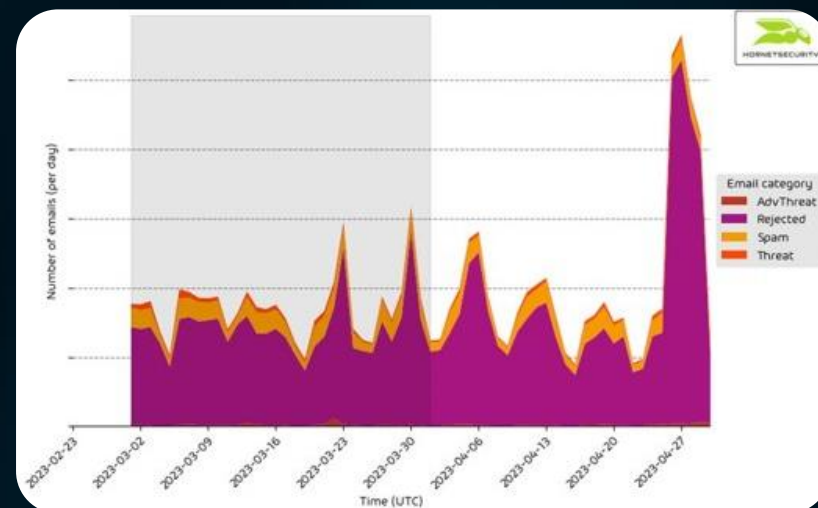


Fig. 1 & 2: Graphs of various email threats reported by the Hornetsecurity Security Lab

Who are we?



HORNETSECURITY



>400
employees



11
data centers



>50,000
customers
>121 countries



12
offices



8,000
sales partners
>121 countries




15
services


HORNETSECURITY GROUP - PORTFOLIO

CLOUD SECURITY SERVICES
FÜR MICROSOFT 365


PRODUCT SUITE
FOR 365

365 

365 TOTAL
PROTECTION
BUSINESS
(PLAN 1)

365 

365 TOTAL
PROTECTION
ENTERPRISE
(PLAN 2)

365 

365 TOTAL
PROTECTION
ENTERPRISE
BACKUP (PLAN 3)

BACKUP
FOR 365

365 

365 TOTAL
BACKUP

EMAIL SECURITY
AND ENCRYPTION



ADVANCED THREAT
PROTECTION



SPAM & MALWARE
PROTECTION



EMAIL
ENCRYPTION

EMAIL COMPLIANCE
AND PRODUCTIVITY



CONTINUITY
SERVICE



SIGNATURE &
DISCLAIMER



ARCHIVING

SECURITY
AWARENESS



SECURITY
AWARENESS
TRAINING

WEB SECURITY



WEB FILTER

HOSTED MAILBOX



HORNET.EMAIL

BACKUP
AND RECOVERY



VM BACKUP

SECURITY SERVICES



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365 365 TOTAL PROTECTION

1 365 TOTAL PROTECTION BUSINESS (PLAN 1)

NEXT-LEVEL MICROSOFT 365 SECURITY

-  SPAM & MALWARE PROTECTION
-  EMAIL ENCRYPTION
-  EMAIL SIGNATURES & DISCLAIMERS

2 365 TOTAL PROTECTION ENTERPRISE (PLAN 2)

PREMIUM NEXT-LEVEL MICROSOFT 365 SECURITY

-  SPAM & MALWARE PROTECTION
-  EMAIL ENCRYPTION
-  EMAIL SIGNATURES & DISCLAIMERS
-  ADVANCED THREAT PROTECTION
-  EMAIL ARCHIVING
-  EMAIL CONTINUITY

3 365 TOTAL PROTECTION ENTERPRISE BACKUP (PLAN 3)

SECURITY & BACKUP FOR MICROSOFT 365

-  SPAM & MALWARE PROTECTION
-  EMAIL ENCRYPTION
-  EMAIL SIGNATURES & DISCLAIMERS
-  ADVANCED THREAT PROTECTION
-  EMAIL ARCHIVING
-  EMAIL CONTINUITY
-  BACKUP & RECOVERY OF MAILBOXES & TEAMS
-  BACKUP & RECOVERY OF ONEDRIVE & SHAREPOINT
-  BACKUP & RECOVERY OF ENDPOINTS

OPTIONALES ADD-ON

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Q & A



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THANK YOU!



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