



RIELA  
CYBER

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***THE HUMAN FIREWALL:  
LOCKING YOUR DIGITAL DOOR***



# PEBKAC





# THE IMPORTANCE OF THE HUMAN ELEMENT



# WRONG TOOL FOR THE JOB



# 74%

of CISO's said human error was their top cyber security risk

# 75%

of targeted cyber attacks started with an email in 2024

# 70%

of cyber security professionals say their organisation is affected by the skills shortage

# 95%

do not have any form of email security measure

# 62%

of incidents are through the supply chain

# 71%

of companies reported that they do not use MFA

# WHAT DO EMPLOYEE ERRORS LOOK LIKE?

## 1. PASSWORD ATTACKS



## 2. NO MFA



## 3. CLICKING LINKS



## 4. SOCIAL MEDIA



## 5. SAVING PASSWORDS IN BROWSERS



## 6. USE OF COOKIES



# HOW DO TECH STAFF MISTAKES HAPPEN?

**1.CONFIGURATION  
MISTAKES**



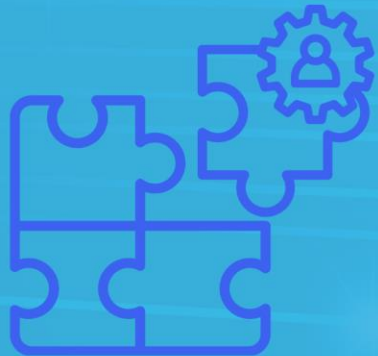
**2.NOT UNDERSTANDING  
THEIR TOOLS**



**3.OVERESTIMATING  
THEIR KNOWLEDGE**



**4.NOT RELYING  
ON THE TEAM TO  
FILL IN THE GAPS**



**5.ALLOWING THEIR EGO  
TO TAKE PRECEDENCE**



**6.STRUGGLING TO  
COMMUNICATE  
TECHNICAL  
CONCEPTS**





# ONE-OFF TRAINING VS CONTINUAL TRAINING



# HOW CAN I BE A HUMAN FIREWALL?



**CHECKING  
LINKS**

**ASKING  
SECURITY TEAM  
WHEN YOU ARE  
IN DOUBT**

**CHECKING  
EMAIL  
SENDERS**

**NOT VISITING  
INSECURE  
SITES**

**NOT  
DOWNLOADING  
UNAUTHORISED  
SOFTWARE**

**HOVERING  
OVER  
LINKS**

**NOT  
DOWNLOADING  
AND  
INSTALLING  
FREWARE**

**NOT POSTING  
LOCATIONS  
OR CHECKING  
IN ON SOCIAL  
MEDIA**

**AVOID USING  
WORK EMAIL  
FOR PERSONAL  
PURPOSES**



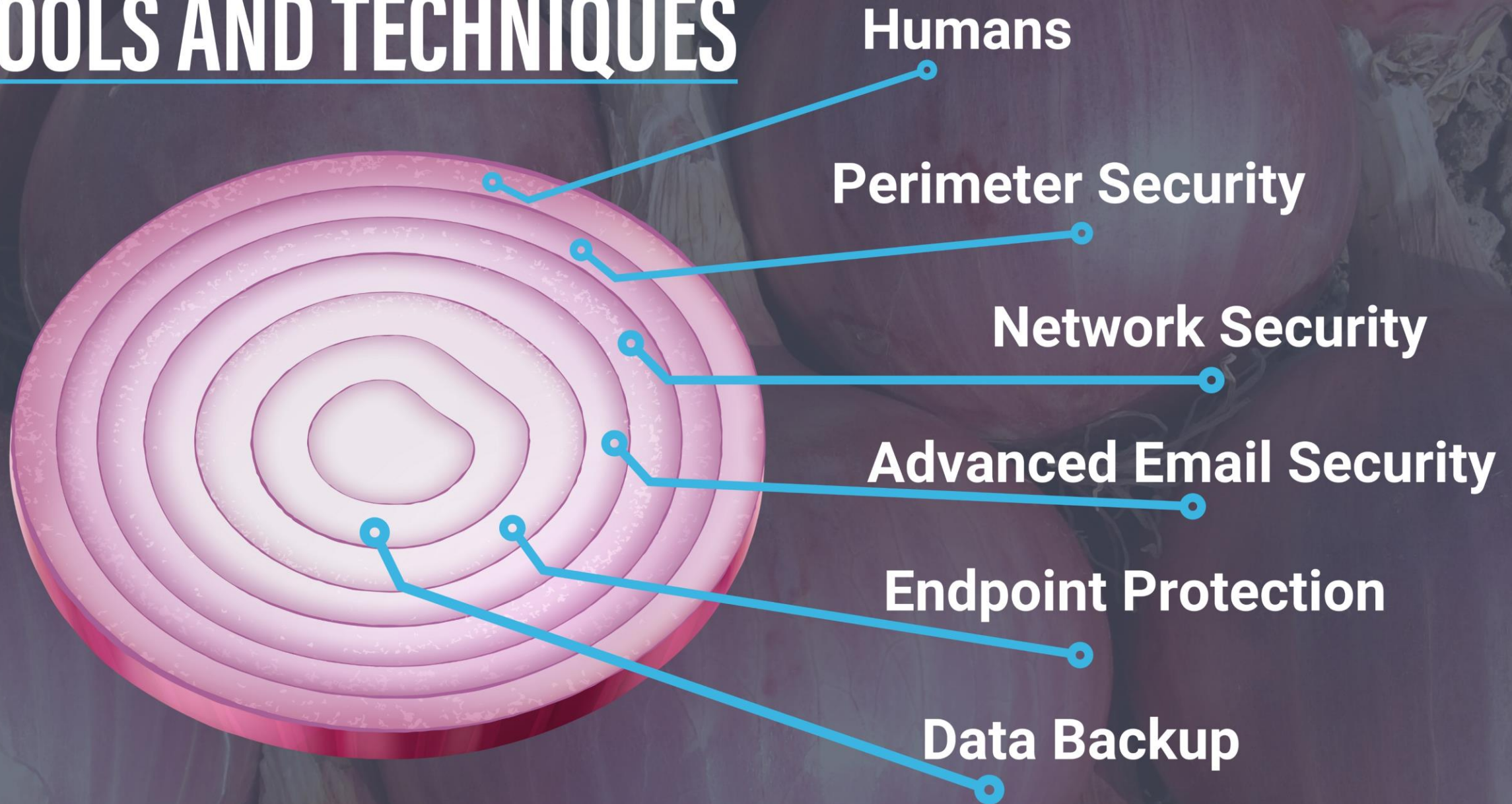
BACK DOOR

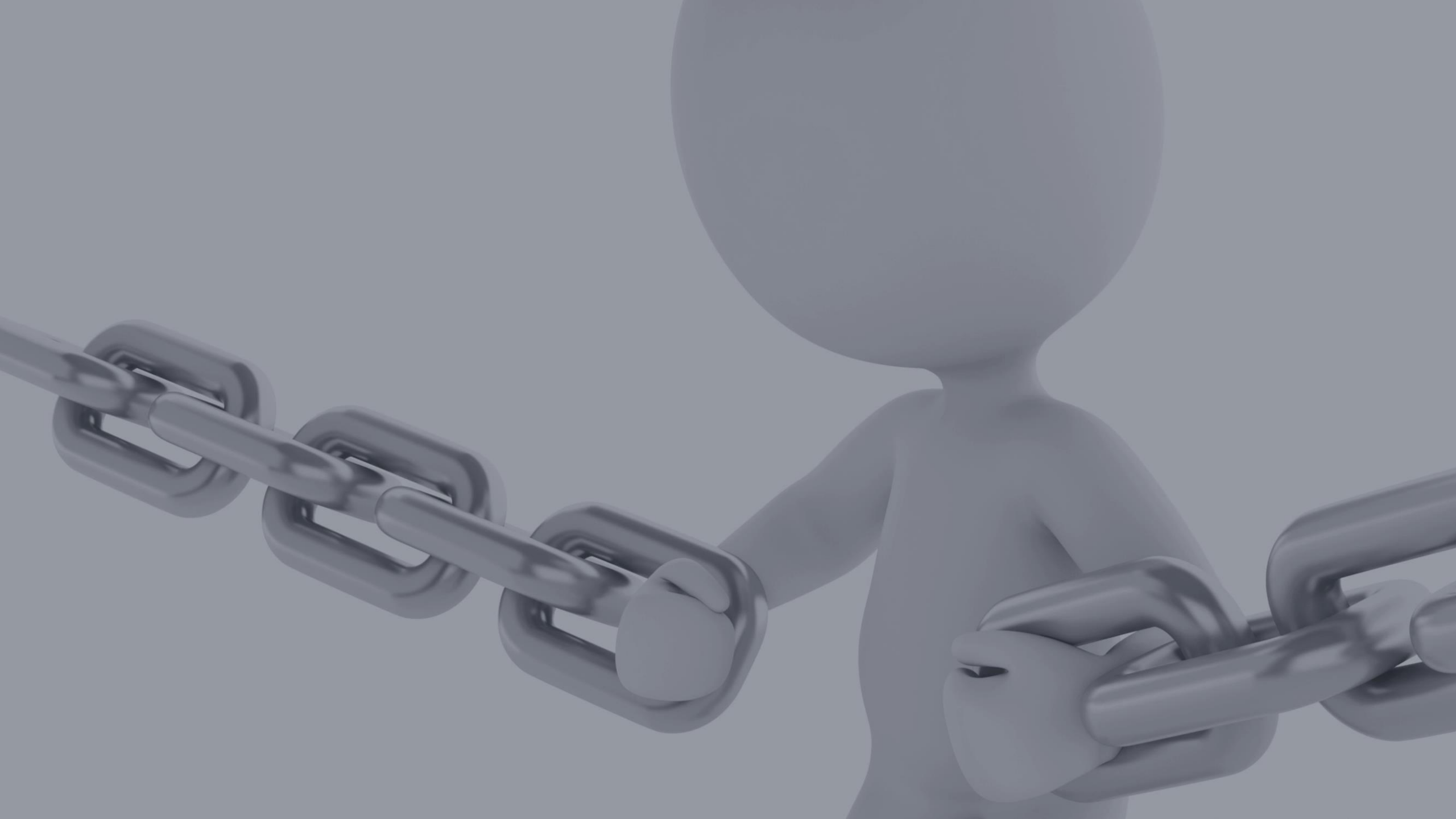


# SCENARIOS



# TOOLS AND TECHNIQUES







# RIELA CYBER THANK YOU!



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