

Innovazione nell'approccio IBM Zero Trust alla Cybersecurity

Cristiano Tito
Security Consulting and Delivery Leader – IBM Italia

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Organizations are undergoing rapid digital transformation

Shift to hybrid cloud

Infrastructure distributed across hybrid cloud, edge, IoT and OT



Cloud threats & Linux malware



Regulatory & privacy demands

As data is shared, regulations and end-users demand more control



High security standards in place are yielding concrete results



Growing remote workforce

Employees & partners accessing data from anywhere, using any device



Threats to supply chain, manufacturing, OT & IoT



Evolving threats

Increasing ransomware and other sophisticated attacks



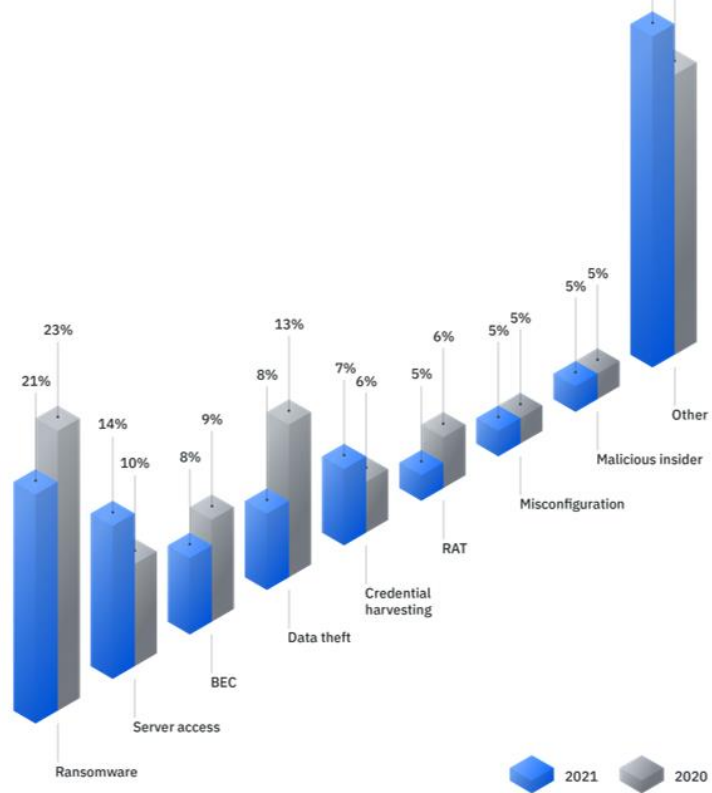
Ransomware: 21% = 1 of 5
Server Access: 14%
BEC & Data Theft: 8% each

IBM Security X-Force Threat Intelligence Index 2022 (1/2)

Top attack types, 2021 vs. 2020

Breakdown of top attack types, 2020-2021

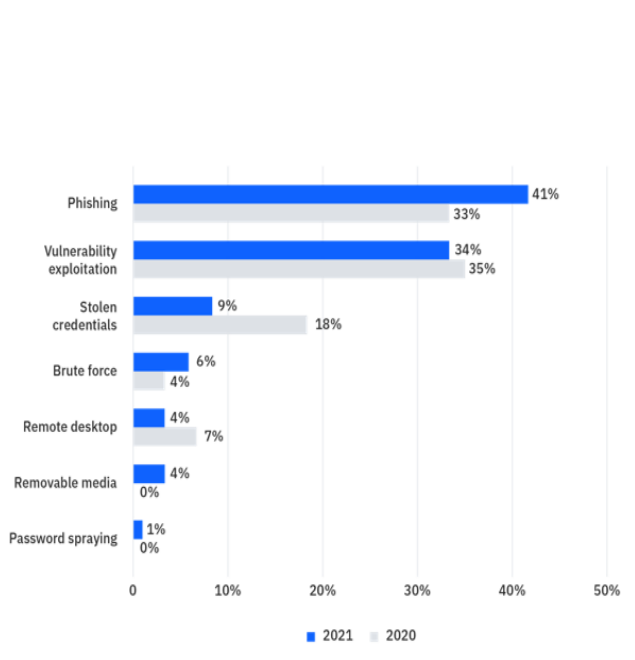
(Source: IBM Security X-Force)



Top infection vectors, 2021 vs. 2020

Breakdown of infection vectors observed by X-Force Incident Response, 2020-2021 (Source: IBM Security X-Force)

(Source: IBM Security X-Force)



Ransomware the top attack type

21%

Percentage of attacks that were ransomware

17 months

Average time before a ransomware gang rebrands or shuts down

Phishing and vulnerability exploitation the top attack vectors

41%

Percentage of attacks that used phishing for initial access

3X

Click effectiveness for targeted phishing campaigns that add phone calls

33%

Increase in the number of incidents caused by vulnerability exploitation

IBM Security X-Force Threat Intelligence Index 2022 (2/2)

OT industries targeted, 2021

Breakdown of attacks against six operational technology industries, as observed by X-Force IR, 2021 (Source: IBM Security X-Force)



Threats to manufacturing, OT and IoT

#1

Manufacturing's rank in top attacked industries

61%

Manufacturing share of compromises in OT-connected organizations

2,204%

Increase in reconnaissance against OT

74%

Share of IoT attacks originating from Mozi botnet

Cloud, Linux threats rise

146%

Increase in Linux ransomware with new code

Europe is #2 attacked geo

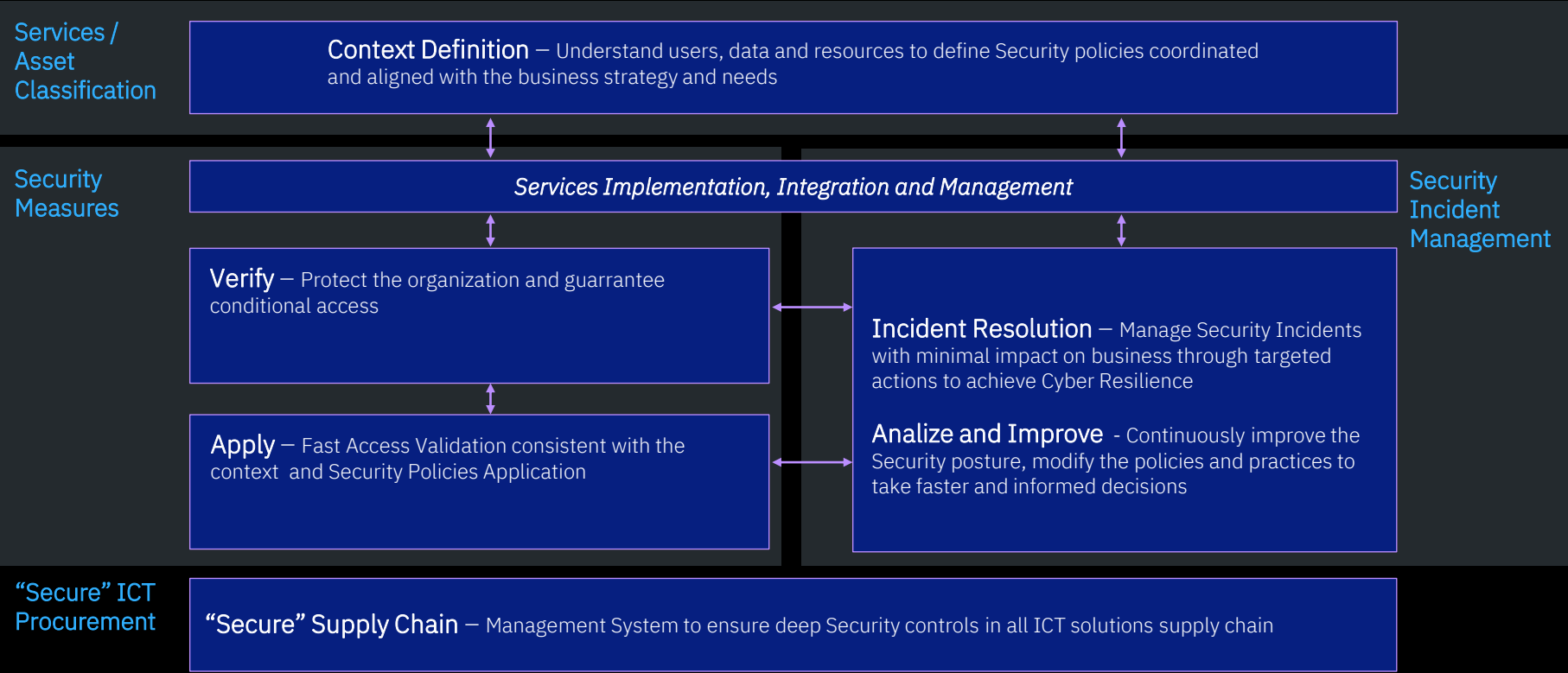
26%

Share of global attacks that targeted Europe

European Countries under attack

United Kingdom, [Italy](#) and Germany

Best Practices for a “Secure” and Integrated Solutions Management in an extended ecosystem



Innovation directly addressing rapid changes



Security Innovation

Zero Trust, QRadar
XDR, Artificial
Intelligence, Cloud and
Quantum Safe
Cryptography



Cloud Pak for Security

New open multicloud
platform to gain
security insights, take
action faster, and
automate response



Integrated Solutions

- Strategy Risk & Compliance
- Zero Trust Services
- Security Managed Services



Unified Key Orchestrator

The industry's first cloud
service to perform key
management across
hybrid, multicloud
environments, helping
enterprises mitigate risk
to critical data from
cyberattacks and insider
threats.

