

# Five steps to creating an exposure management program:

Make the right decisions to efficiently reduce your cyber risk.



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OUR **GOAL** FROM THE BEGINNING:

 **nessus** *TO HELP YOU **PREVENT**  
SUCCESSFUL ATTACKS*



# TENABLE HAS CHANGED...A LOT!

 nessus



2019



RBVM

2019



OT

2021



AD

2021



CS

2022



Attack  
Path

2022



ASM

# THE MODERN ATTACK SURFACE

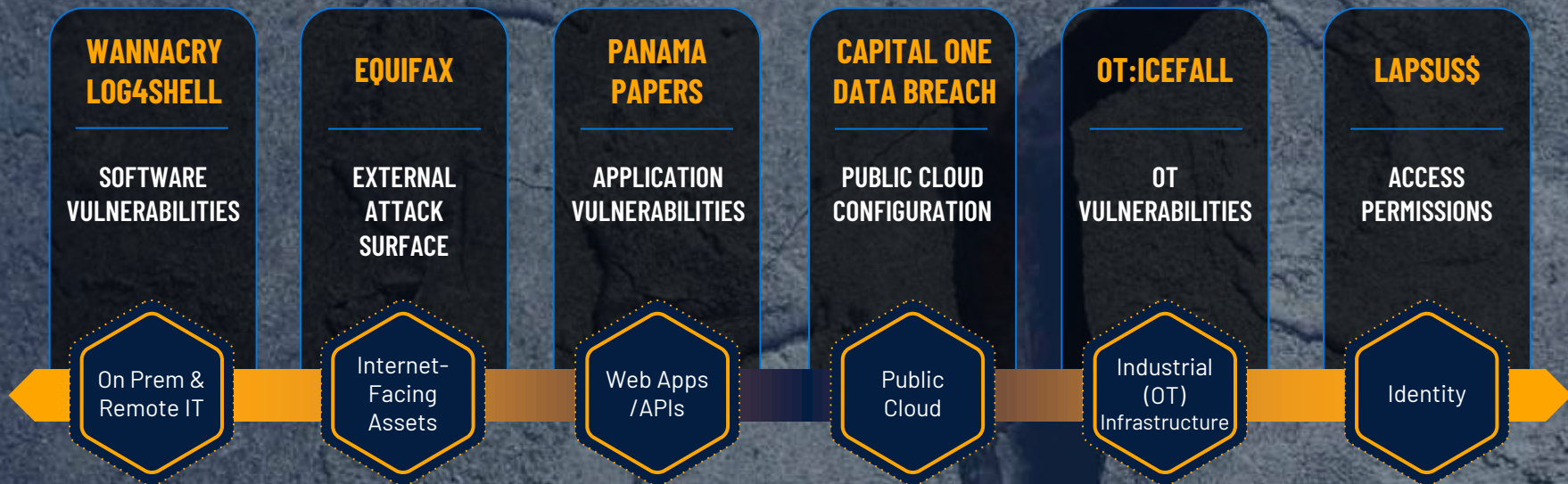
3 attributes make the modern attack surface more difficult than ever to defend:

- 1 **RAPIDLY GROWING**
- 2 **HIGHLY DYNAMIC**
- 3 **INCREASINGLY INTERCONNECTED**





# SIGNIFICANT **BREACHES** TARGET THE WEAKEST LINK ACROSS THE ENTIRE ATTACK SURFACE



# THE PROBLEMS



**Lack of  
Visibility Into  
Expanded  
Attack Surface**



**Solution Silos  
Contribute To  
Lack of Context**



**Resource  
Limitations**



**Lack of  
Comprehensive  
Metrics**



**Difficult to  
Assess &  
Communicate  
Security Status**

# THERE ARE ONLY 2 WAYS TO **COMPROMISE** A SYSTEM





# THREAT LANDSCAPE VULNERABILITIES EVOLUTION



25,112 CVEs  
in 2022\*

\*as of 1/9/2023



1,335  
breach  
entries  
analyzed



101 zero-days  
disclosed



CVE Growth Year Over Year





# Focus First On What Matters Most

## VPR

VULNERABILITY PRIORITY RATING

Leverage Machine Learning  
and threat intelligence  
to predict the vulnerabilities likely  
to be targeted in an attack

+

## ACR

ASSET CRITICALITY RATING

Leverage Machine Learning  
to predict the priority of assets  
based on indicators of business  
value and criticality

# EVOLUTION: VULNERABILITY MANAGEMENT TO EXPOSURE MANAGEMENT





EXPOSURE MANAGEMENT PLATFORM



### EXPOSURE VIEW

Aggregated Cyber Risk Insights



### ATTACK PATH ANALYSIS

Breach & Attack Mitigation



### ASSET INVENTORY

Centralized View of Assets

### EXPOSURE ANALYTICS

Data Aggregation, Risk Prioritization & Recommendations, Benchmarking

**VULNERABILITY  
MANAGEMENT**

**WEB APP  
SECURITY**

**CLOUD  
SECURITY**

**IDENTITY  
SECURITY**

**ATTACK  
SURFACE  
MANAGEMENT**

# TENABLE ONE EXPOSURE MANAGEMENT: IN SUMMARY



Visibility Into  
Expanded  
Attack Surface



Solution Silos  
Broken Down



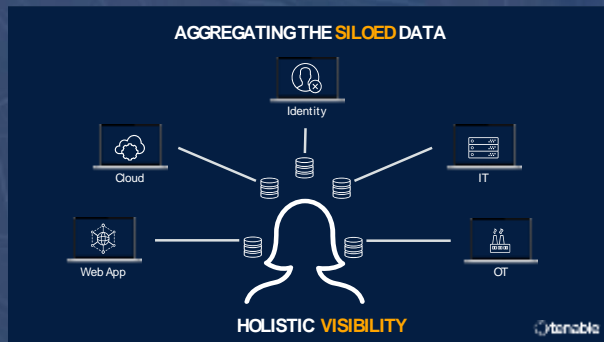
Resource  
Allocation  
Based On Data



Comprehensive  
Metrics



Security Status  
Clearly  
Communicated





# Thank you

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