



**tenable**<sup>®</sup>

Predictive Prioritization

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# About Tenable



Industrial IoT



ICS/SCADA



Container



Cloud



Enterprise IoT



Web App



OT Smart  
Scanning



Desktop



Laptop



Mobile



Virtual  
Machine

Web App  
Scanning



Active  
Scanning



Network  
Infrastructure



Server

Image  
Assessment



Agent  
Scanning

Passive  
Monitoring



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tenable

# The 4 key questions

**Where are we exposed?**

**What should we focus on first?**

**How are we reducing exposure over time?**

**How do we compare to our peers?**

# 16500+

## VULNERABILITIES DISCLOSED IN 2018

### 59%

Of vulnerabilities disclosed in 2018  
were rated critical or high.

Over 9,500+ Vulnerabilities

### 15%

Of vulnerabilities disclosed in 2018 were CVSS 9+

2,500 Vulnerabilities

### 7%

Of vulnerabilities disclosed had  
publicly available exploits

Over 1,100 Vulnerabilities

# Predictive Prioritization

# VPR + ACR

VULNERABILITY PRIORITY  
RATING

ASSET CRITICALITY  
RATING

Leverages machine learning and threat intelligence to reprioritize vulnerabilities based on real world risk

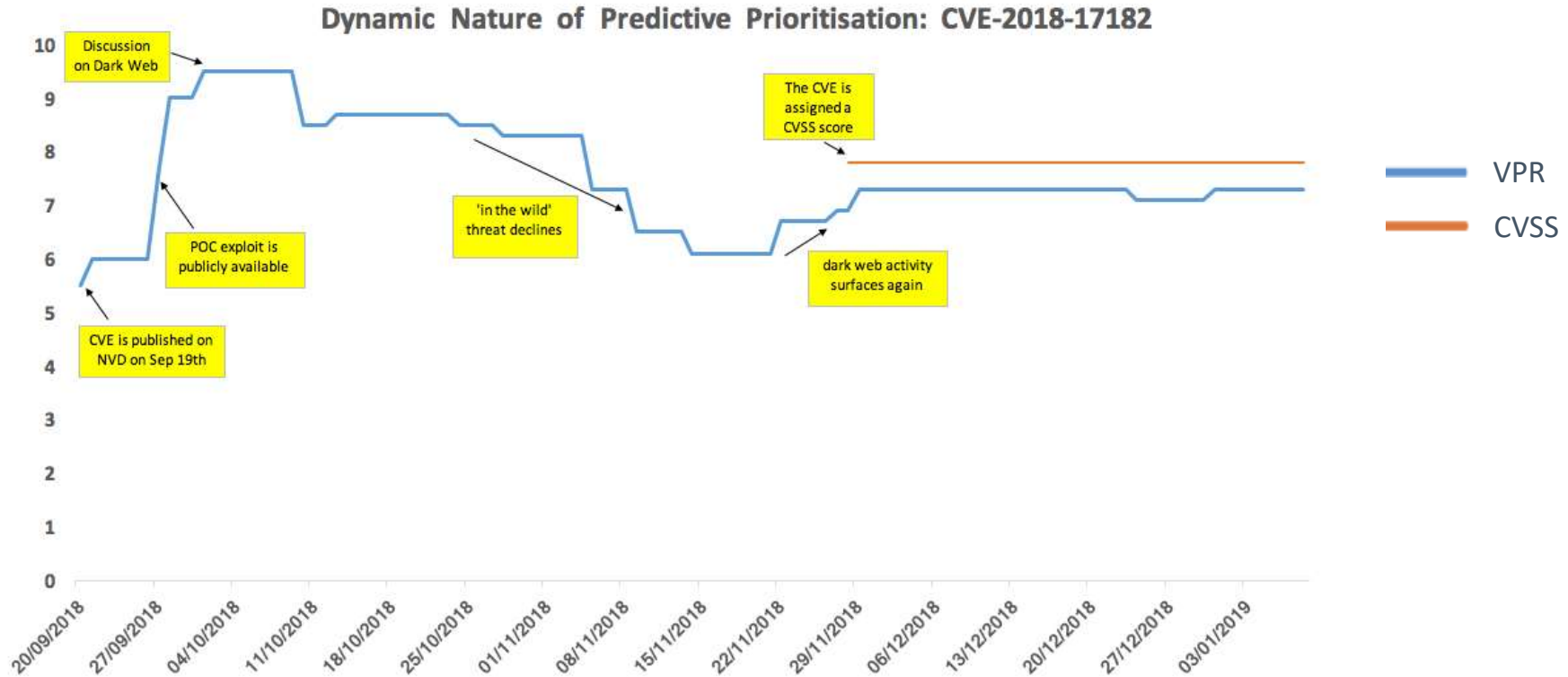
Prioritize assets based on indicators of business value and criticality

# Focus First On What Matters First



The **3%** of vulnerabilities you need to focus on first.

# VPR INSIGHT - 70 DAYS PRIOR TO CVSS SCORE



Linux Kernel Flaw

# TERMINOLOGY

- **Predictive Prioritization:**

The process of re-prioritizing vulnerabilities based on the probability that they *will* be leveraged in an attack.

- **Vulnerability Priority Rating (VPR):**

The output of the Predictive Prioritization process. VPR is the number that indicates the remediation priority (0 through 10, with 10 being the highest severity) of an individual vulnerability.



**tenable** | RESEARCH

World Class Cyber Exposure Intelligence



Cyber Exposure Alerts



Zero-Day Research



Data Science Insights

**+51K**

Vulnerabilities assessed  
with 130,000+ Plugins

**90+**

Vulnerabilities discovered so far  
in 2019 by Tenable Research

**<24hrs**

Median time for coverage of  
high profile issues



Thank You