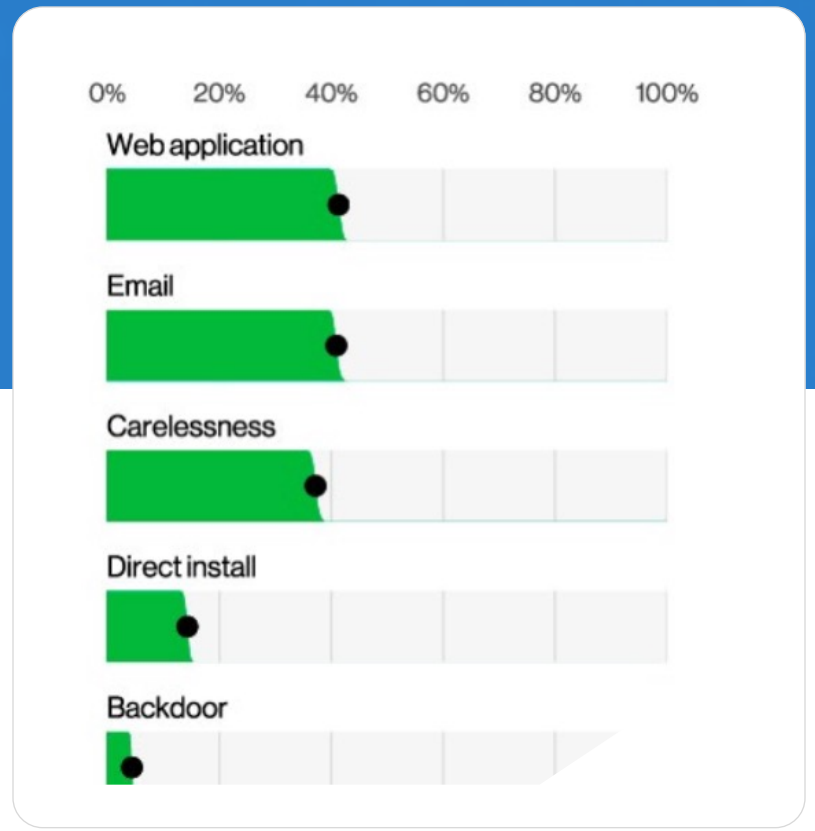
De-Risk Your APIs and Web Applications

Asma Zubair
Director, Product Management
Web Application and API Security

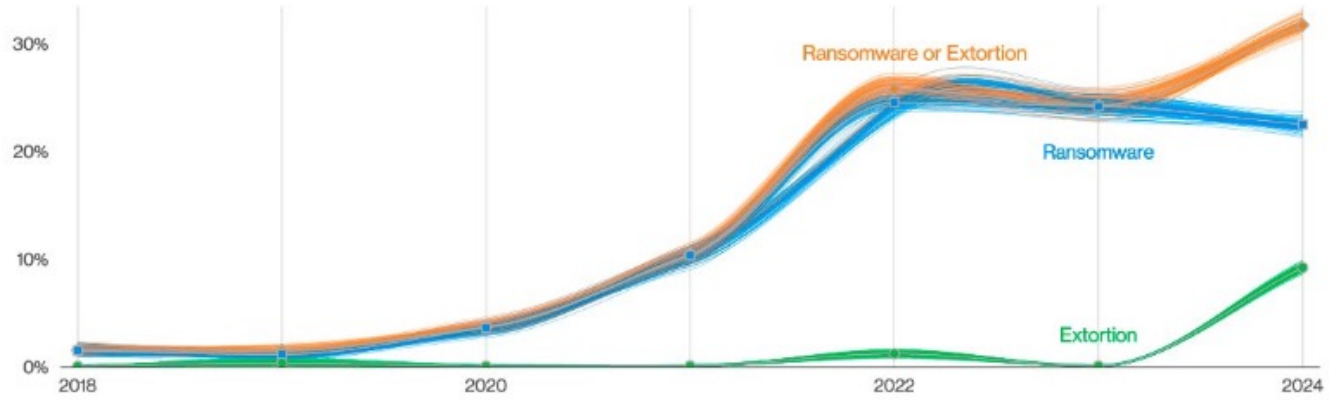
The Threat Landscape Is Evolving, but Web Apps Remain the Top Entry Point for breaches



Exploitation of vulnerabilities in breaches has tripled y/y

Continued rise in Ransomware

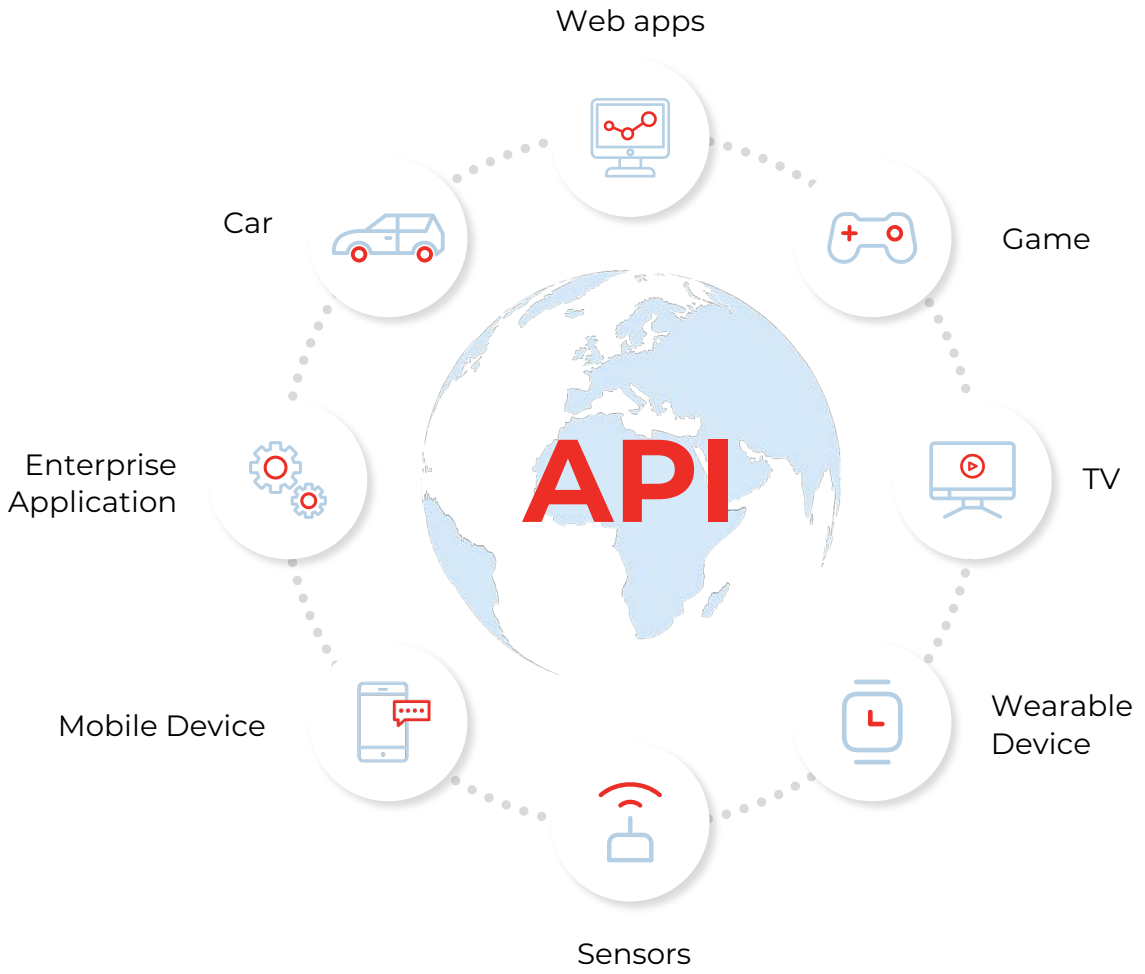
Web applications are commonly leveraged in Ransomware Attacks



Source: Verizon 2024 Data Breach Investigations Report

APIs Drive The Majority of Internet Traffic, and Cybercriminals Are Taking Advantage

- Optus data breach was caused by forgotten APIs
- 33 millions phone numbers collected by abusing Authy APIs
- Zendesk had a GraphQL endpoint that was vulnerable to SQLI



Top Challenges Faced by Information Security Leaders

01 Lack of visibility into application and API inventory

02 Limited resources

03 Prioritization: Too many factors to account for

You Need

Discovery

Comprehensive inventory of web apps & APIs

Risk Assessment

Automated, user-friendly, and accurate security testing that comprehensively identifies all weaknesses, including new and emerging threats

Response

Automated prioritization, and integrations to simplify triaging, and remediation

Meet Qualys WAS

Discovery

Comprehensive inventory of web apps & APIs

- Covering known and unknown web assets

Risk Assessment

Automated, user-friendly, and accurate security testing including

- OWASP Top 10
- PII exposure detection
- Malware detection and monitoring

Response

Automated prioritization, and integrated triaging and remediation

- Consolidated list of vulnerabilities (with Burp, Bugcrowd)
- TruRisk Based Prioritization
- Integrations for triaging and remediation

Trusted by
~4500
Organizations

For
370K
apps

Reported
25M
vulnerabilities

Discover Known and Unknown Web Assets

API Gateways

- APIgee, Mulesoft, Azure Gateway

Containers Deployment

- Kubernetes, Docker
- Service Mesh Arch
- Istio, Kuma

Multi-cloud Environment

- AWS, GCP, Azure
- TotalCloud, Direct Cloud APIs

Web Apps & API Attack Surface Discovery

Comprehensive Attack Surface Discovery Known + Unknown/ Forgotten

3rd Party Import

- Swagger, Postman, Burp Suites

Internet Exposed

- EASM, Certificates

Internal

- VMDR, CSAM
- Policy Compliance
- Passive Sensor

Risk Assessment with Web App Scanning, Including Malware Detection

Our deep learning model analyzes thousands of attributes to provide robust threat detection, especially for zero-day malware for which no known antivirus signatures exist.

~1900
detections

(including OWASP Top 10 and PII & Sensitive Data leakage checks)

99%
Accuracy

Detect and Monitor Malware

Risk Assessment with API Scanning and OAS Compliance Checks

Comprehensive security and compliance testing with

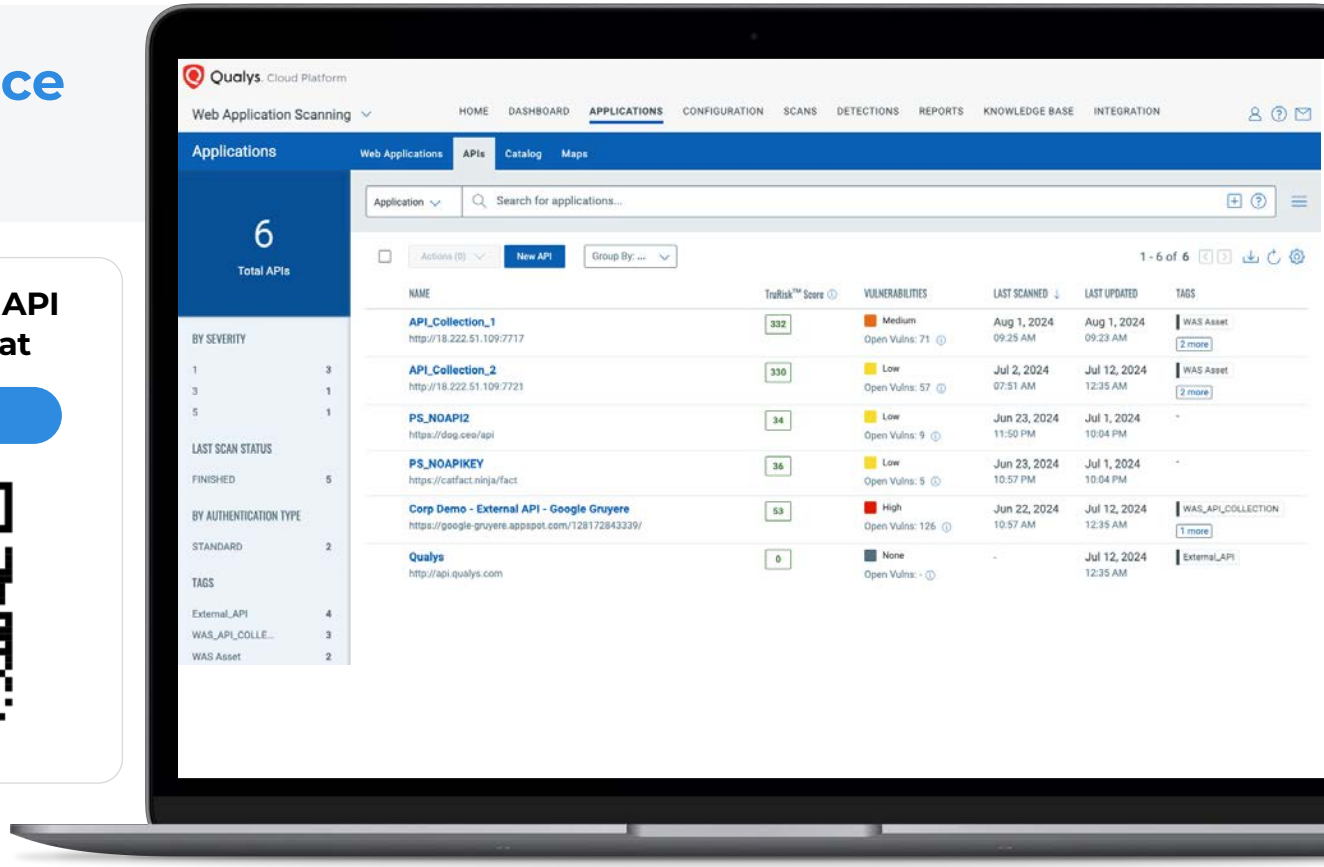
~150 **OpenAPI compliance checks** for adherence to industry standards for API security and interoperability

~150 **Checks** for API security testing (including OWASP top 10 for APIs)

PII & Sensitive Data detections

Sign up for free API Security Beta at

API Security



Prioritize with Qualys TruRisk™

Quantify Score Based On Comprehensive Indicators

Prioritize based on – **Business Asset context + Threat Context correlated with Vulnerabilities detection**

- ✓ Prioritize remediation effort
- ✓ Measure, monitor and communicate risk effectively
- ✓ Reduce cyber insurance premium

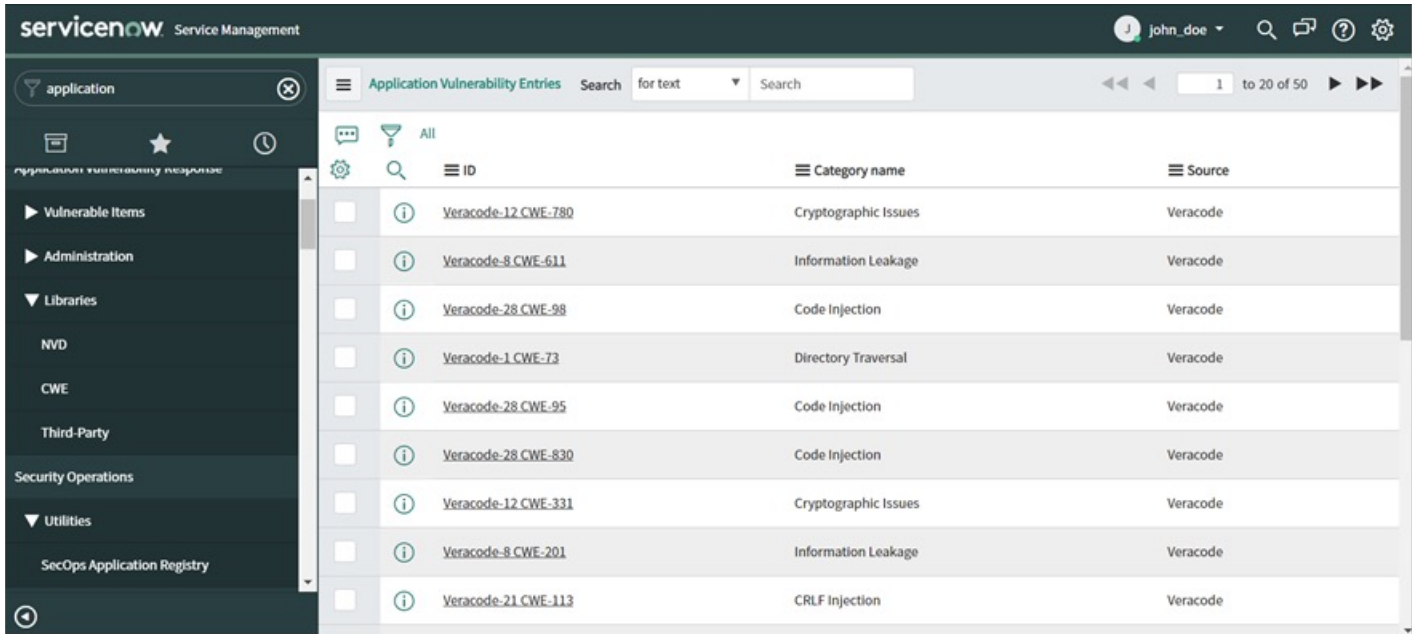
TruRisk

- Vulnerabilities (CVSS/EPSS)
- Malware
- Exploit Type Real Threat Indicator
- Certificates
- Unauthorized Software
- CISA **KEV**
- Exploited by malware threat actors
- Asset Criticality
- Unauthorized Ports
- EoL & EoS SW, OS, HW
- Trending – Chatter, Dark Web
- Exploit Code maturity
- Location of the Asset
- Required SW Missing
- Custom Rule-based Risk factor

Remediate with Integrated Workflows

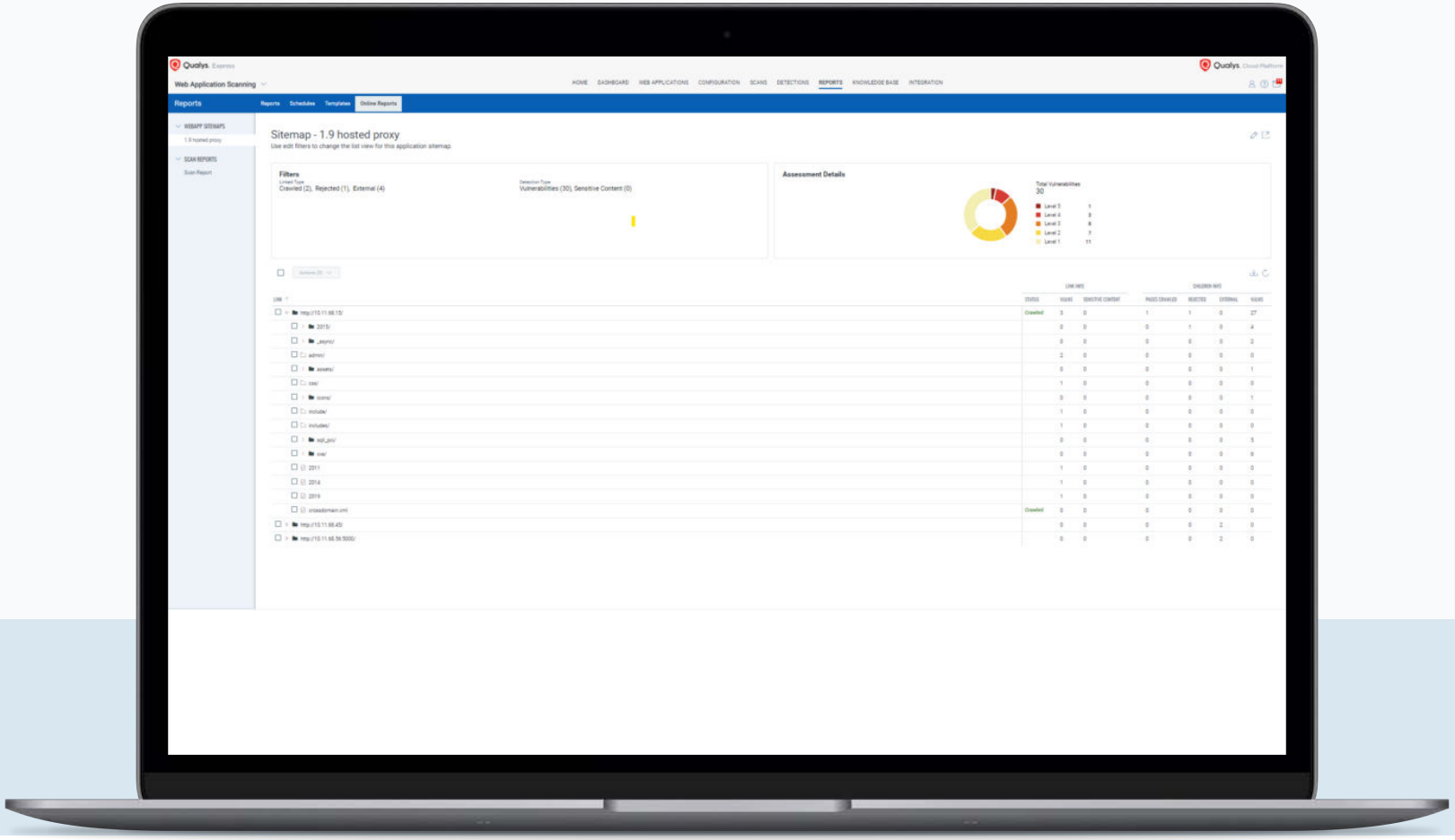
Reduce MTTR with Integrations

- **Process scan results into ticketing systems to start remediation as soon as vulnerabilities are detected:**
  - ServiceNow Application Vulnerability Response (AVR)
  - Jira
- **Create filters, build rules or manually assign tickets to developers for remediation**



Upgraded User Interface for Ease of Use

- Revamped home page
- Customized dashboards
- Enhanced QQL support
- CISA known exploitable vulnerability identification
- Sitemap report



Contact us if you have feedback on New UI

Qualys®