



Cloudy Attack Paths

Use TruRisk GPS from
Code to Cloud



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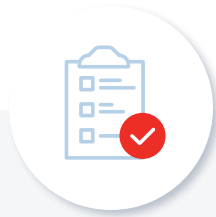


Challenges in Cloud Risk Prioritization



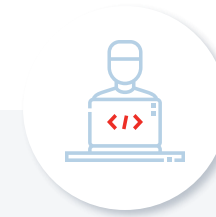
Cloud ROC Team

- ✓ Remediated Cloud Risks are resurfacing
- ✓ **Increased attack surface** generates more findings
- ✓ Managing risks in **ephemeral environments** is always challenging.



Compliance Team

- ✓ Always **get exception** requests with no concrete plans to remediate
- ✓ Unaddressed compliance issues persist for a long duration
- ✓ Security Policies are evolving at a later stage



Developers

- ✓ **Many security issues** with no context for prioritization.
- ✓ Releases are rejected at a very late stage, delaying product rollouts.
- ✓ Security concerns are addressed too late in the development process.

**And
breaches
are only
increasing
for this
vector of
attack.**

01

In 2025, Qualys Research Unit identified **that 70% of the Azure resources are misconfigured**, leading to a potential open attack surface.

02

Attackers injected **malicious code** into 1000s of **popular container images** on public registries. 51% of Docker images scanned has a **critical security vulnerability**

03

FTC fined a consumer DNA sequencing company after determining **1000s of customer's DNA information** was stored in **public S3 buckets**

Qualys' CNAPP TotalCloud Platform Overview



Qualys TotalCloud

The Risk-Minded CNAPP

Kubernetes and Container Security (KCS)

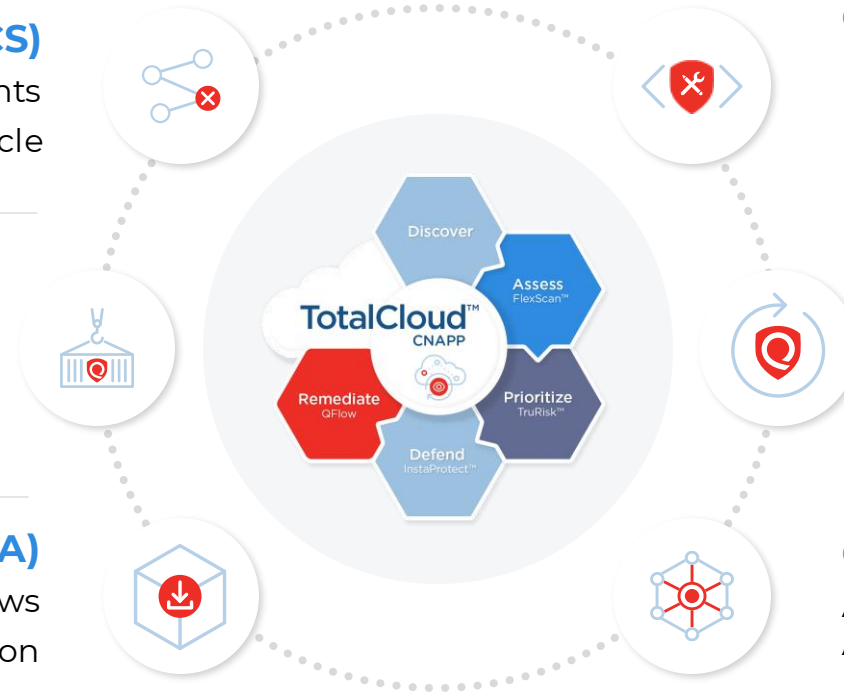
Prioritize Risks In Container Environments
Manage Risk Across The Dev Lifecycle

Cloud Detection & Response (CDR)

Detect Malicious Threats In Runtime
Respond To Zero-Day Malware

Cloud Workflow Automation (CWA)

Implement Custom Remediation Workflows
Leverage 200+ Playbooks for Remediation



Cloud Security Posture Management (CSPM)

Prioritize Risk With Attack Path Context
Enforce Compliance From Code To Cloud (IaC)

Cloud Infrastructure and Entitlement Management (CIEM)

Manage Excessive Permissions and Identities
Enforce Least Privilege At Scale

Cloud Workload Protection (CWP)

Achieve Full Vulnerability Coverage With Agent, Agentless, Network, and API Scanning



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Risk Prioritization with Qualys Enterprise TruRisk Management Platform

Asset Level Risk Score

Complete 360 Context
with Threat Intel



**TruRisk
Score**

Correlate signals
from many source

Toxic Combination



**TruRisk
Insight**

Visualize Attack
Path exposure

Blast Radius
impact analysis



**Attack
Path**

Visualize Risks with Attack Path

Multi-dimensional Approach to Cloud Security



Visualize critical resource exposure

Identify blast radius enabling proactive threat analysis



Prioritize risk findings w/ security graph

Navigate to important findings on critical resources



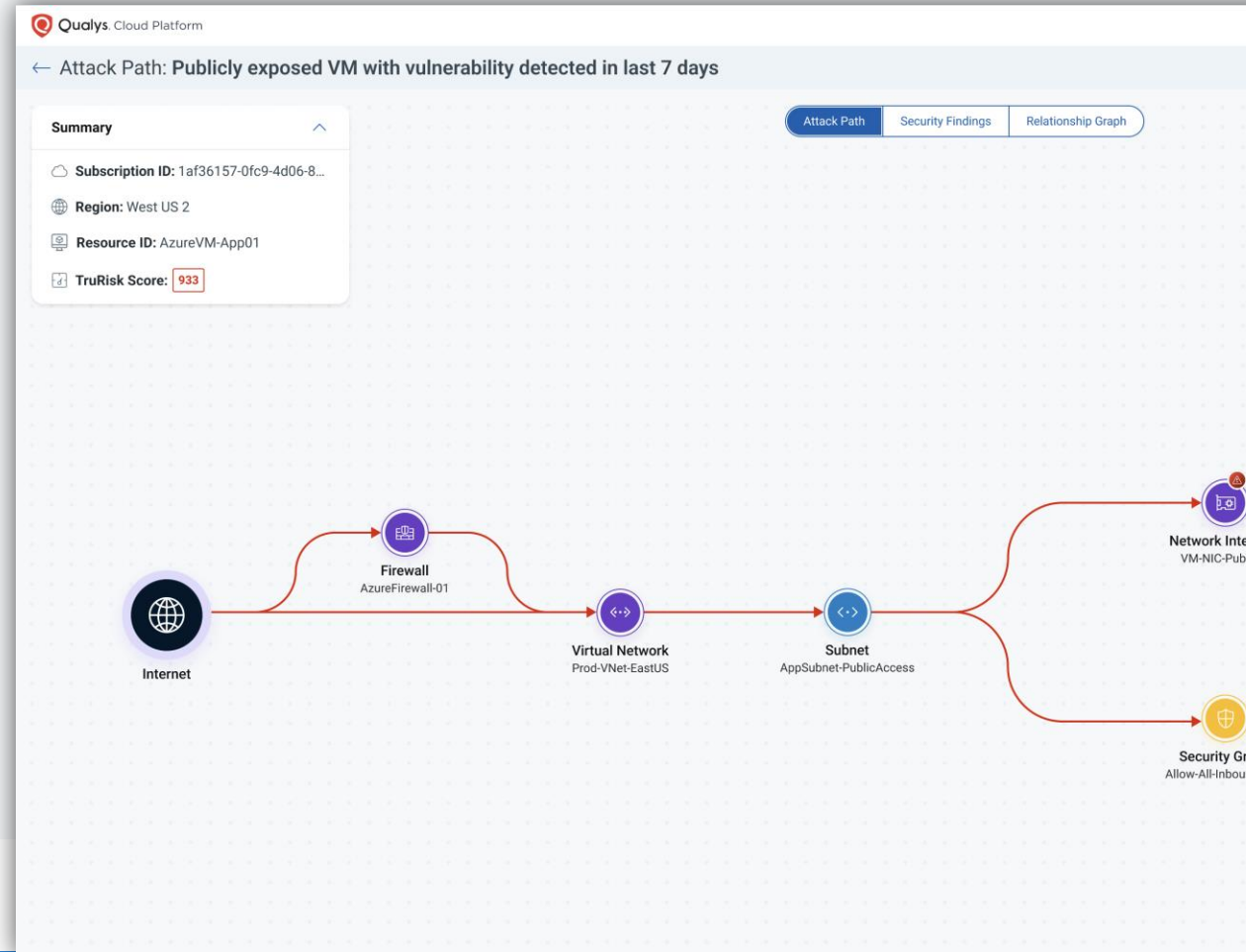
Understand resource relationships

Capture communication flows of attached resources



Scale with rapid remediation of risk

Drive accelerated risk-based prioritized threat remediation



Remediate Risks with Cloud Workflow Automation

No Code / Low Code QFlows



Simplify workflow creation with drag and drop visual nodes and no code



Customize security control workflows and scale inventory discovery

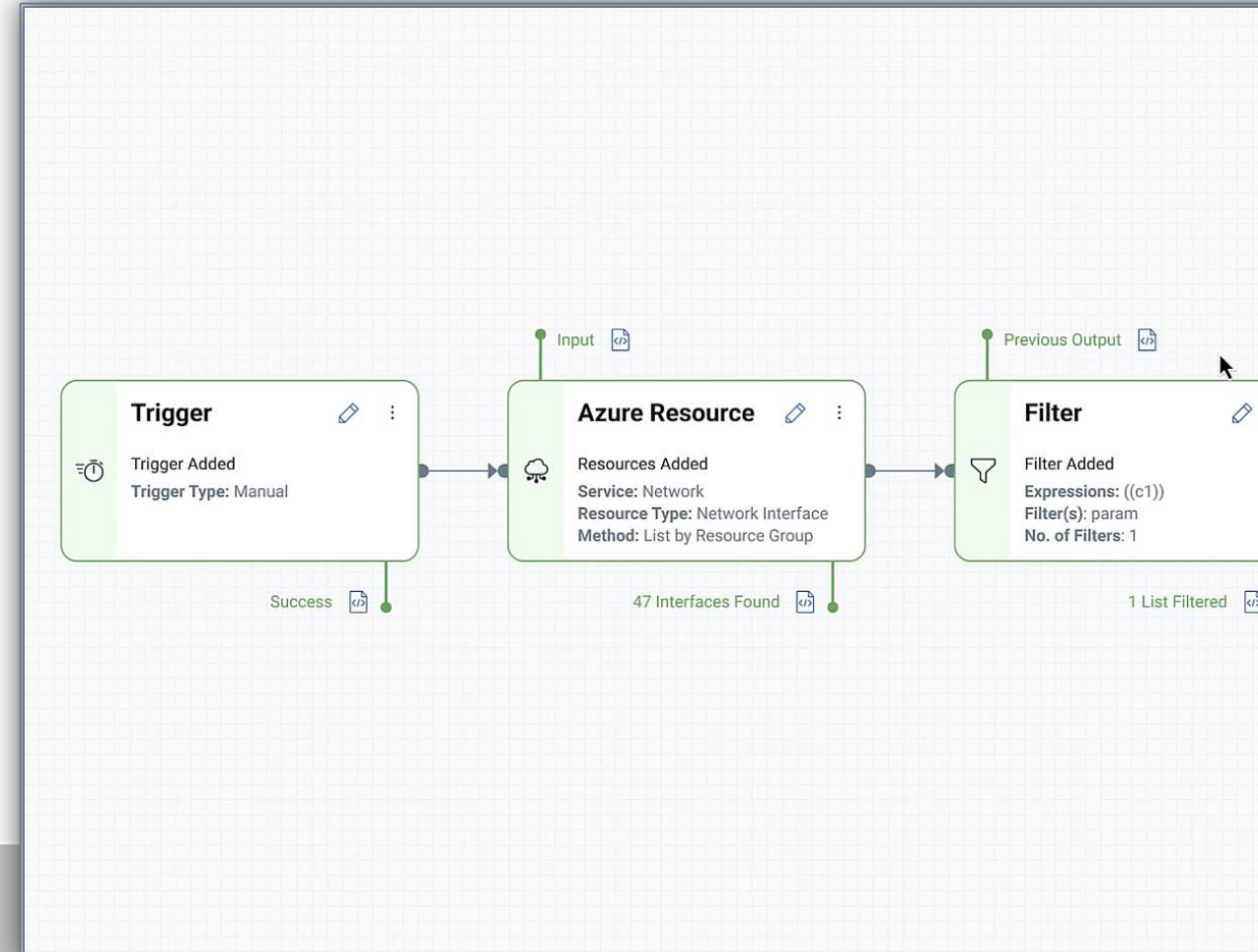


Enrich the security teams by automating efforts to manage security efficiently



Orchestrate remediation workflows and integrate with DevOps and ITSM tools

Over 300 out-of-the-box remediation playbooks



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Announcing New Capabilities

You asked
We are delivering



Qualys Risk Operations Center For **Policy Audit** for Cloud, Containers and AI Models



Cloud Security Posture Management (CSPM)

Audit Ready Reporting

- ✓ Compliance monitoring of **35+ global frameworks**
- ✓ Validate with the latest CIS v3.0.0 benchmarks

Attack Path Analysis

- ✓ Public exposure via load balancers, NSG, VNETs, gateways, and Azure Firewall

K8s Security Posture Management (KSPM)

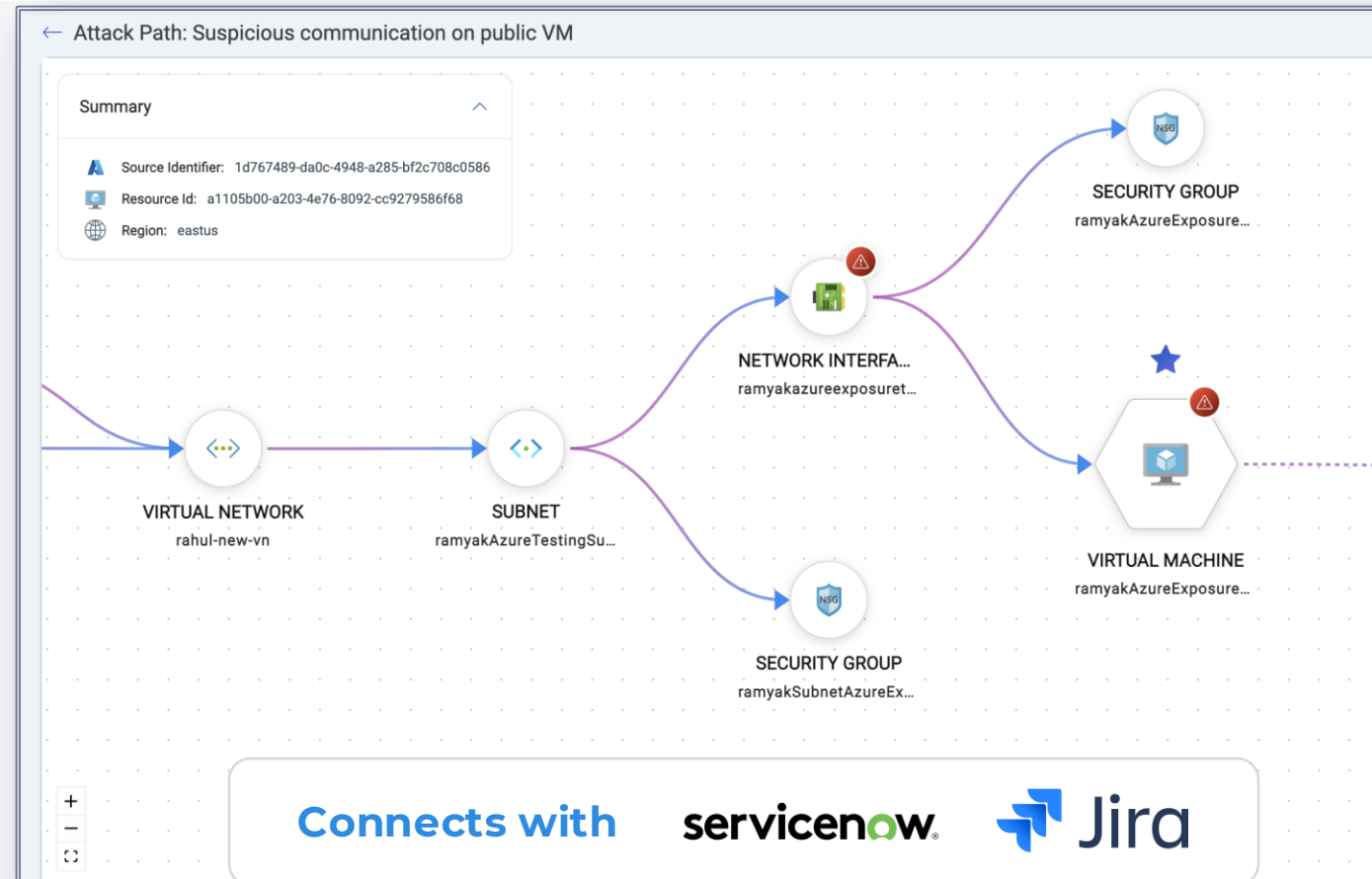
- ✓ CIS for Azure Kubernetes (AKS)

AI Security Posture Management (AISPM)

- ✓ Misconfiguration rules for Azure AI Services and OpenAI

Shift Left – Scan Azure IaC Templates

- ✓ Supports Terraform and ARM Templates
- ✓ Integrates with Azure DevOps pipelines



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Qualys Risk Operations Center For

Extending VMDR to Azure Cloud

Azure Workload Protection

Unmatched Accuracy of Detections

- ✓ Best in class Six Sigma Accuracy powered by VMDR
- ✓ Correlates with 25+ external threat feeds

Agentless and Agent-based Scans

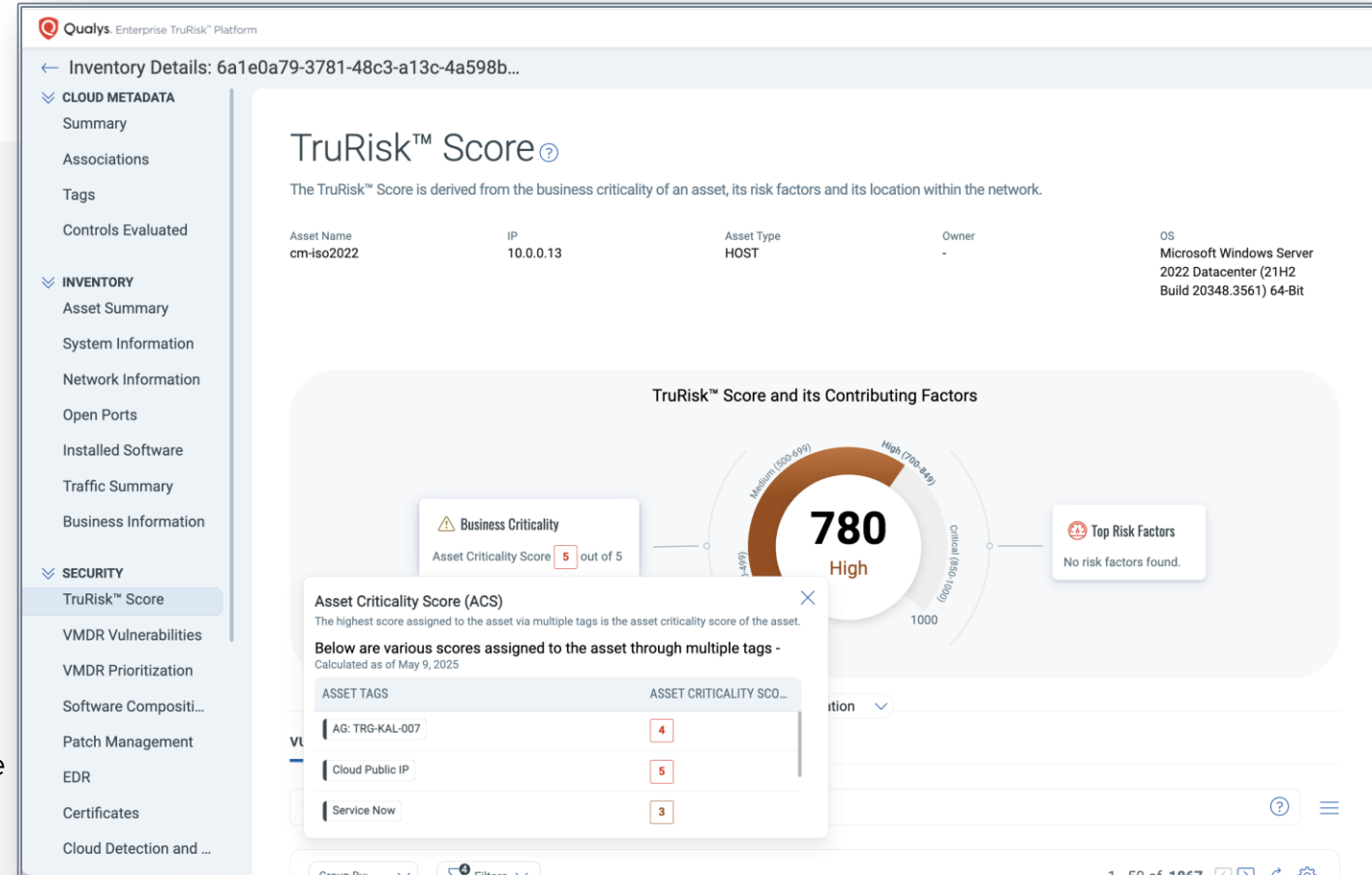
- ✓ Ensures all your cloud workloads are scanned
- ✓ Covers agents, network, and snapshot-based scans

Launching new - Azure Linux

- ✓ Cloud Agent and Container Sensor support for new Azure Default Operating System

Scan VM Scale Sets

- ✓ Ensures all your dynamic workloads are scanned before they vanish to get visibility



Connects with

servicenow

Jira

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 Qualys

Qualys Risk Operations Center For **CDR** for Azure Virtual Machines and Containers



Azure Threat Detection and Response

Powered by AI/ML Framework

- ✓ Detects known and unknown threats in real-time
- ✓ Ability to detect the mutated malwares

Detection using Azure Flow Logs

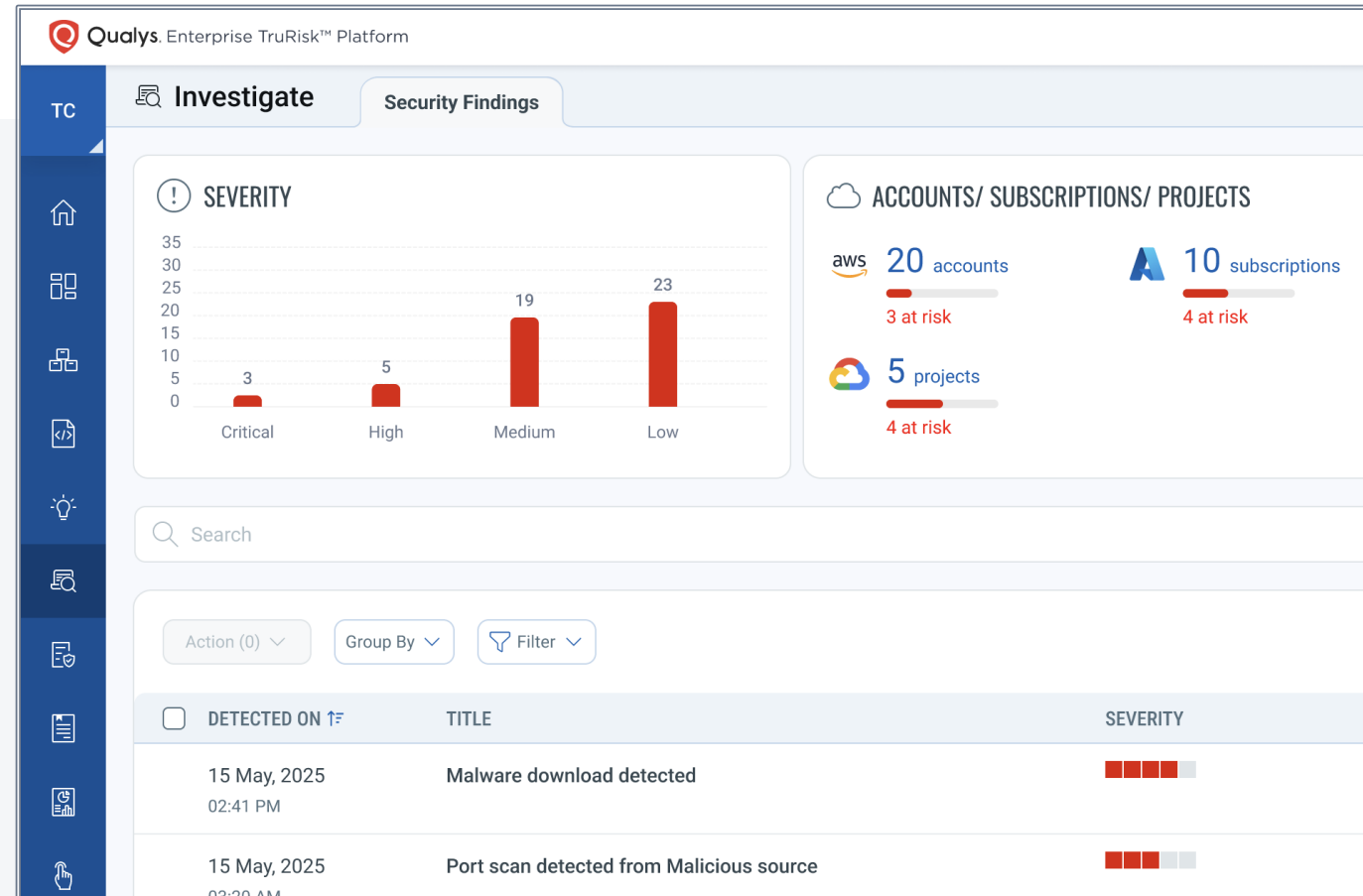
- ✓ Monitor and analyze network traffic
- ✓ Detects suspicious patterns, and indicators of compromise

Detection using Azure VTAP Traffic

- ✓ Mirror network traffic from Azure virtual machines
- ✓ Deploy appliances using simple terraform commands

Detect Zero-Day Malware

- ✓ In Azure Virtual Machines and Containers registry
- ✓ Detect runtime threats on AKS containers with EBPF



Qualys Risk Operations Center For

No code workflow automation using Qualys Flow

Azure Cloud Workflow Automation

Build custom checks in minutes

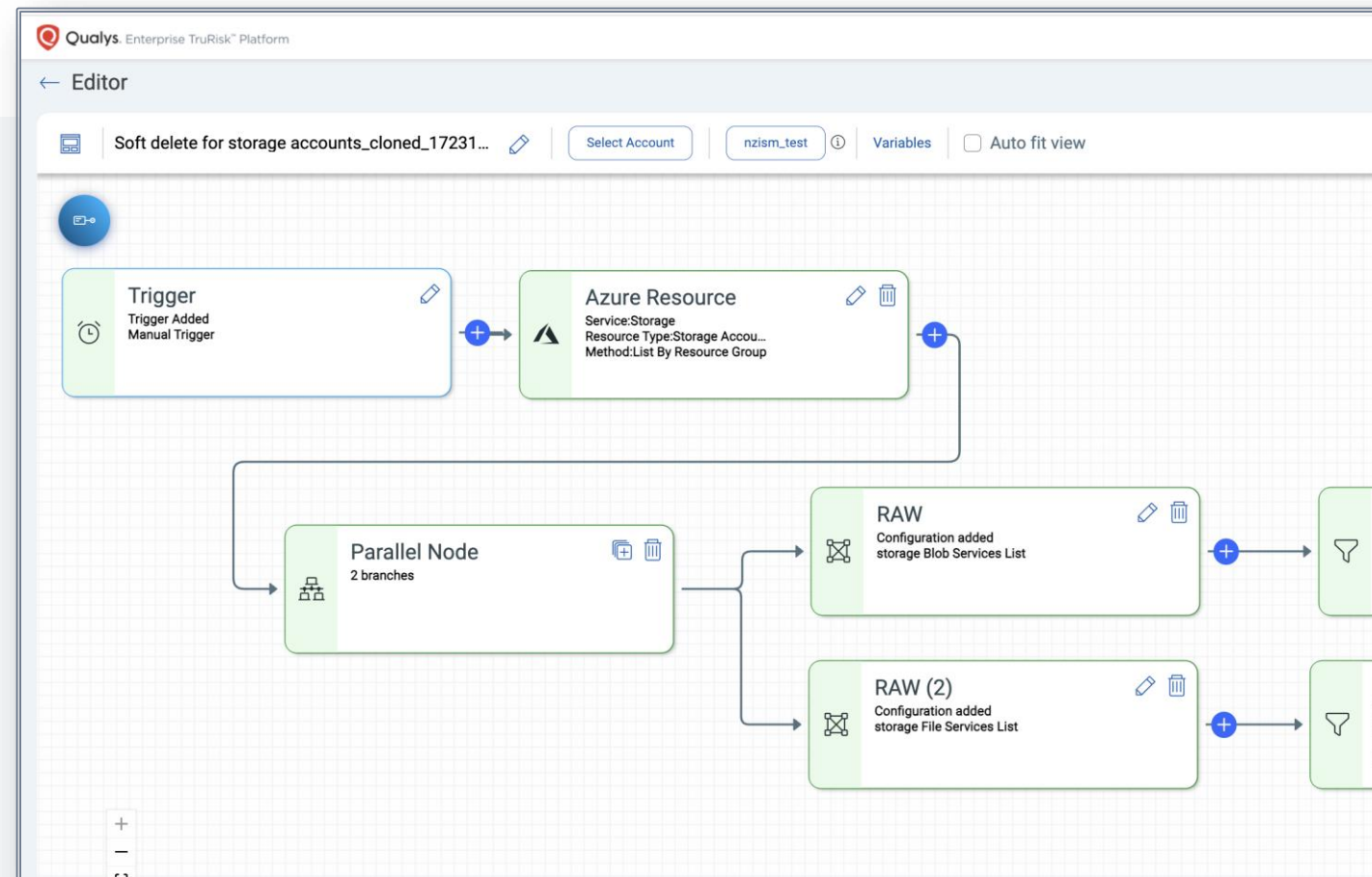
- ✓ Handles all custom compliance use cases
- ✓ Integrates with TotalCloud CSPM for continuous assessments

Custom Remediations to reduce risks

- ✓ Build custom remediation workflows to address specific security issues
- ✓ Vulnerability scanning, patching, quarantine, and triggering change control workflows.

100+ Azure Cloud Playbooks

- ✓ Best practices out-of-the-box workflows
- ✓ Based on real-world scenarios requested by users



Integrates with ServiceNow

Vulnerability/Misconfiguration
Assignment and Remediation

Many Qualys customers use ServiceNow



Comprehensive Tracking and Action:

Enable extensive coverage of findings in ServiceNow so that the IT team can efficiently track and take timely action.



Automated Vulnerability Assignment:

Utilize automated workflows to assign vulnerability fixes to developers based on asset ownership seamlessly.

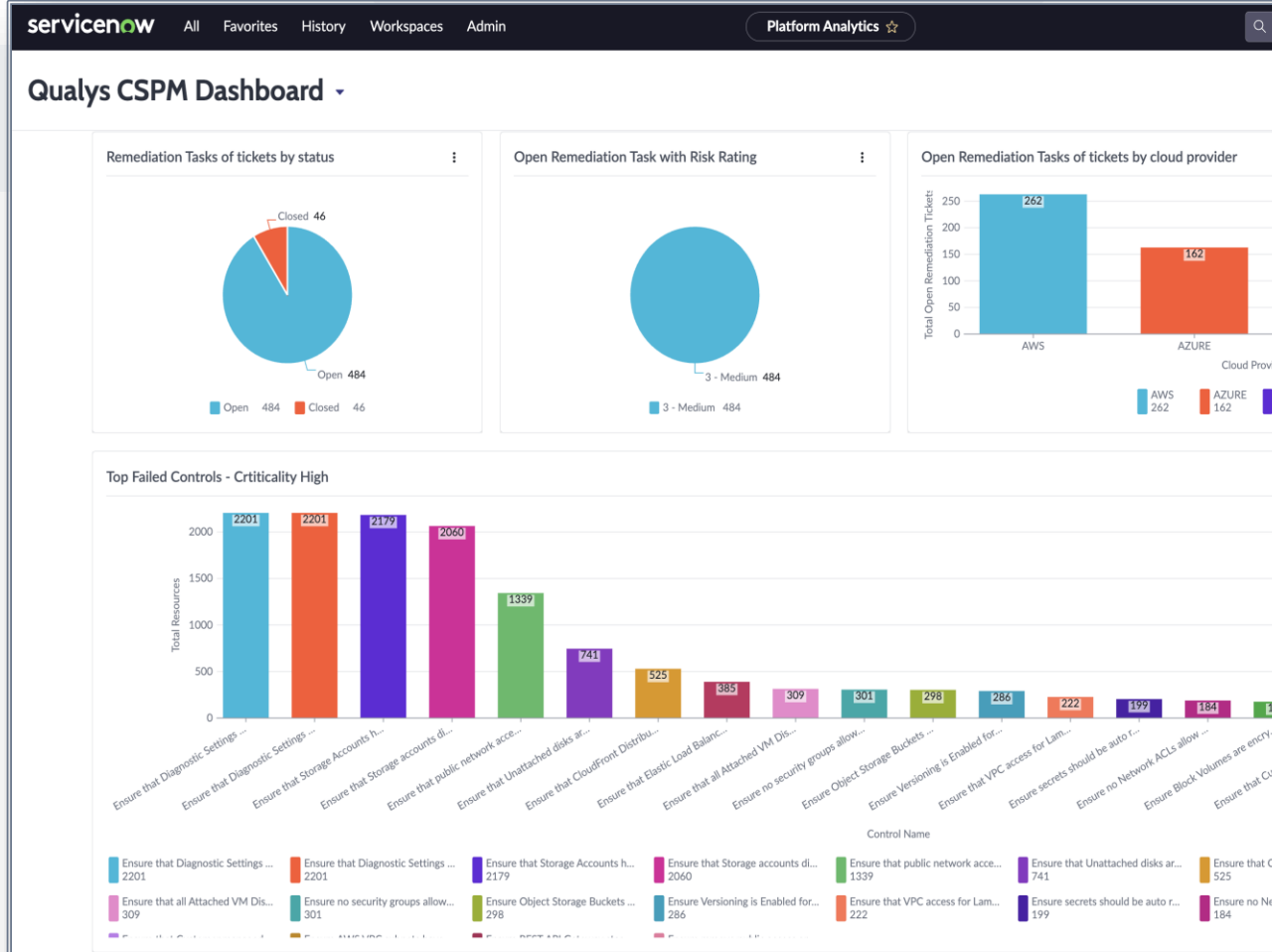


Wide Adoption of Key Capabilities:

Many Qualys customers leverage these essential integration features for enhanced vulnerability and misconfiguration management.

ServiceNow Modules

Vulnerability Response
Container Vulnerability Response
Configuration Compliance



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Cloud Exploitability Prevention

TotalCloud With TruRisk Eliminate



TruRisk Patch

- Automatic Playbooks For CISA KEVs
- Fully automate patch deployment based on attack paths
- Full support for any host, on-prem or cloud



TruRisk Mitigate

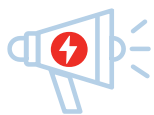
- Leverage Qualys Flow Playbooks to apply compensating controls while waiting for patch
- Includes ability to limit privileges, restrict network access, and any API supported by your CSP
- Apply Admission Control Policies in Kubernetes



TruRisk Isolate

- Isolate hosts/VMs to ensure vulns cannot be exploited
- Allow exceptions to ensure workloads and images can be patched and managed

We secure your **ORACLE** Cloud too!



Discovery and Inventory

Cloud Connectors to Oracle Cloud Tenancy

Discovers from all global regions of the OC-1 realm



Configuration Assessment (CSPM)

Extensive coverage of the security controls

CIS Foundation Benchmarks v2.0.0 and 40+ Global Compliance mandates.



Know and Eliminate the Risk

Build Custom Dashboard and Reports

Supports Alert Rule configurations – Email, PagerDuty, Slack, MS Teams

TC

Dashboard

Oracle Cloud Dashboard

Get an insight into your organization's security posture with executive summary reports.

Generate Report

Any

All

Last 24 Hrs

Total Widgets Count : 12 / 80

Vulnerable Public Instances

0

Unscanned Cloud Instances

0

Critical Misconfigurations

40

Threats

3

Perimeter Vulns

0

Cloud TruRisk Score

High (700-849)

Medium (500-699)

Low (0-499)

Critical (850-1000)

654

↑ 0%

Medium

Total Contributing Vulns

114

Critical

13

Medium

22

Critical

1

Medium

1

Low

1

Total Assets

2

showing last 1 day

1000

0

Trend data not yet available

Today

OCI Tenancy by Failed Controls

TENANTID	CONTROLS FAILED
ocid1.tenancy.oc1..aaaaaaaax2gwhq3hszjqhte5pg...	67

Top 5 Failed Controls

CONTROL	RESOURCES FAILED
Ensure boot volumes are encrypted with Customer Man... Criticality High	924
Ensure Bucket does not persists Expired Pre-Authentica... Criticality High	419
Ensure no security lists allow ingress from 0.0.0.0/0 or ::... Criticality High	343
Ensure Object Storage Buckets are encrypted with a Cus... Criticality High	297

Resource distribution by type

Security List: 575

Compute Instance: 845

1/3

1K

800

600

400

200

0

Sec...

Co...

Buc...

Loa...

Kub...

IAM...

575

845

494

39

12

352

OCI PCI 4.0 Compliance

31%

Passed

Pass

Fail

OCI CIS Compliance

25%

Passed

Pass

Fail

OCI NIST CSF Compliance

27%

Passed

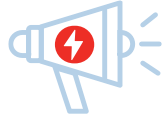
Pass

Fail

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We are Delivering Customer Commitments!



- ## Shift Left VMDR in Cloud
- Scan AWS AMLs for vulnerabilities.
 - Verify image hygiene and shift risk prioritization and remediation to the left.



Software Composition Analysis (SCA) using Agentless

- Extend vulnerability detections to Open-Source Software using Agentless Scans
- Elevate the cloud workload security with more detections



- ## Detect Secrets using Agentless
- Covers secrets of Cloud and SaaS providers
 - Correlate the secrets on the exposed assets with vulnerabilities and misconfigurations

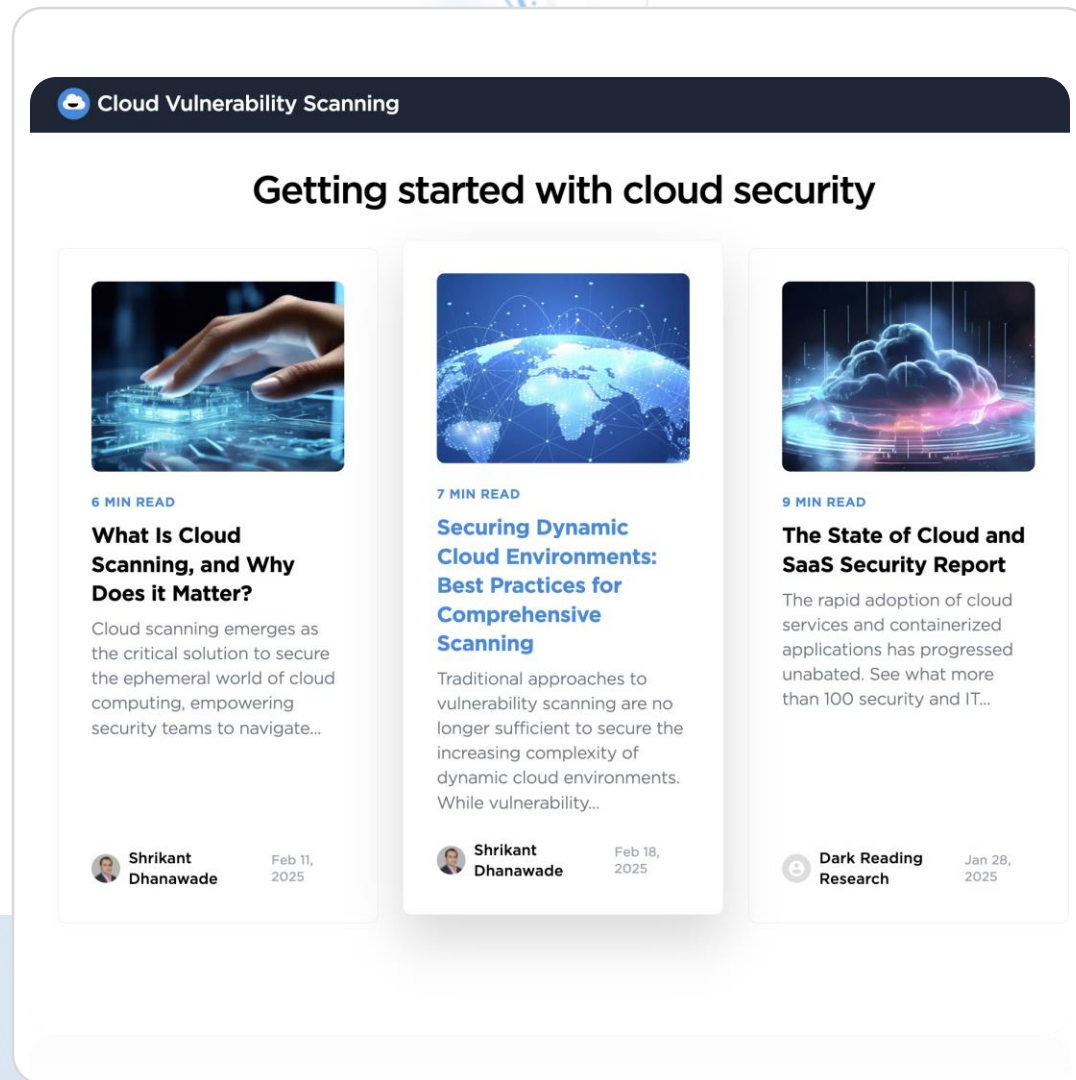
Qualys's Cloud Vulnerability Scanner

Website that showcases our expertise

<https://www.cloudvulnerabilityscanner.com/>

- ✓ **Updates on the latest cloud threats**
How experts address them?
- ✓ **Statistics on the most common cloud security issues**
How many do you have?
- ✓ **Dive in with more cloud scanning articles**
Elevate your knowledge in specific areas

Qualys offers a Free customized TruRisk Insights Report.



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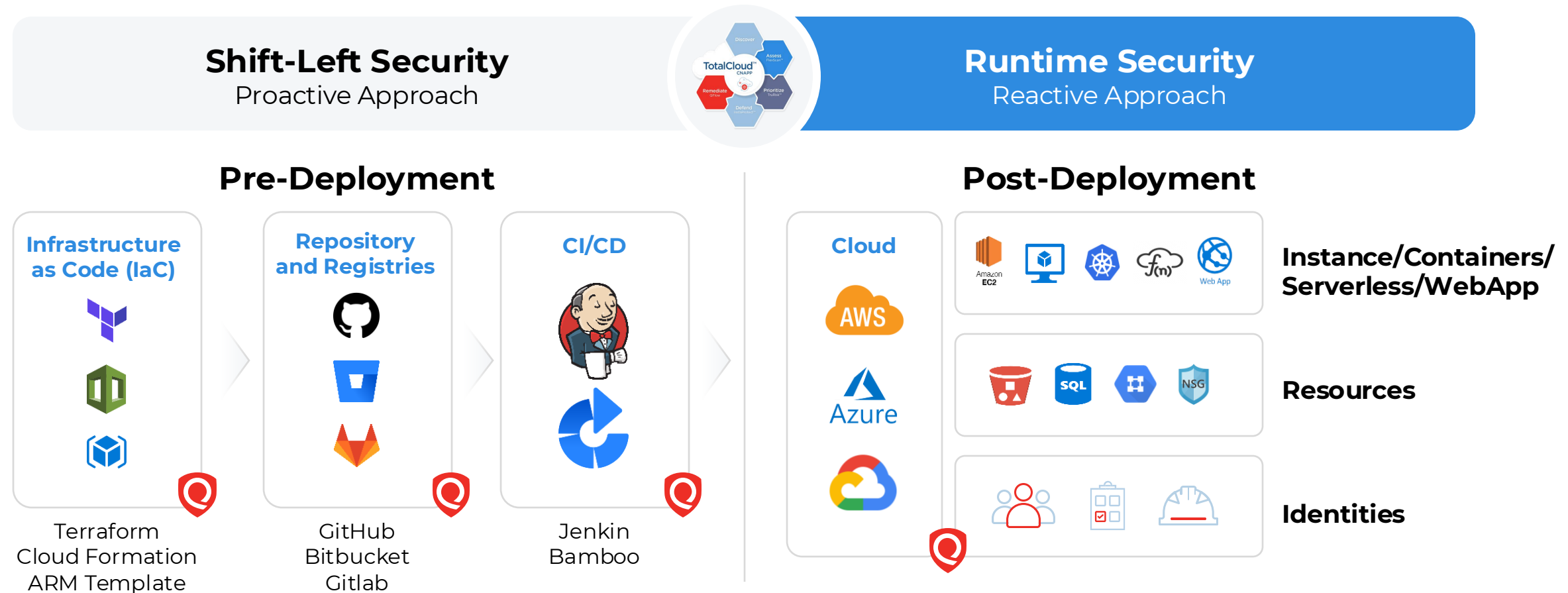


We continue the Innovation Journey!



Shift Left in Cloud Security

Evaluate Code before deploying to the Cloud



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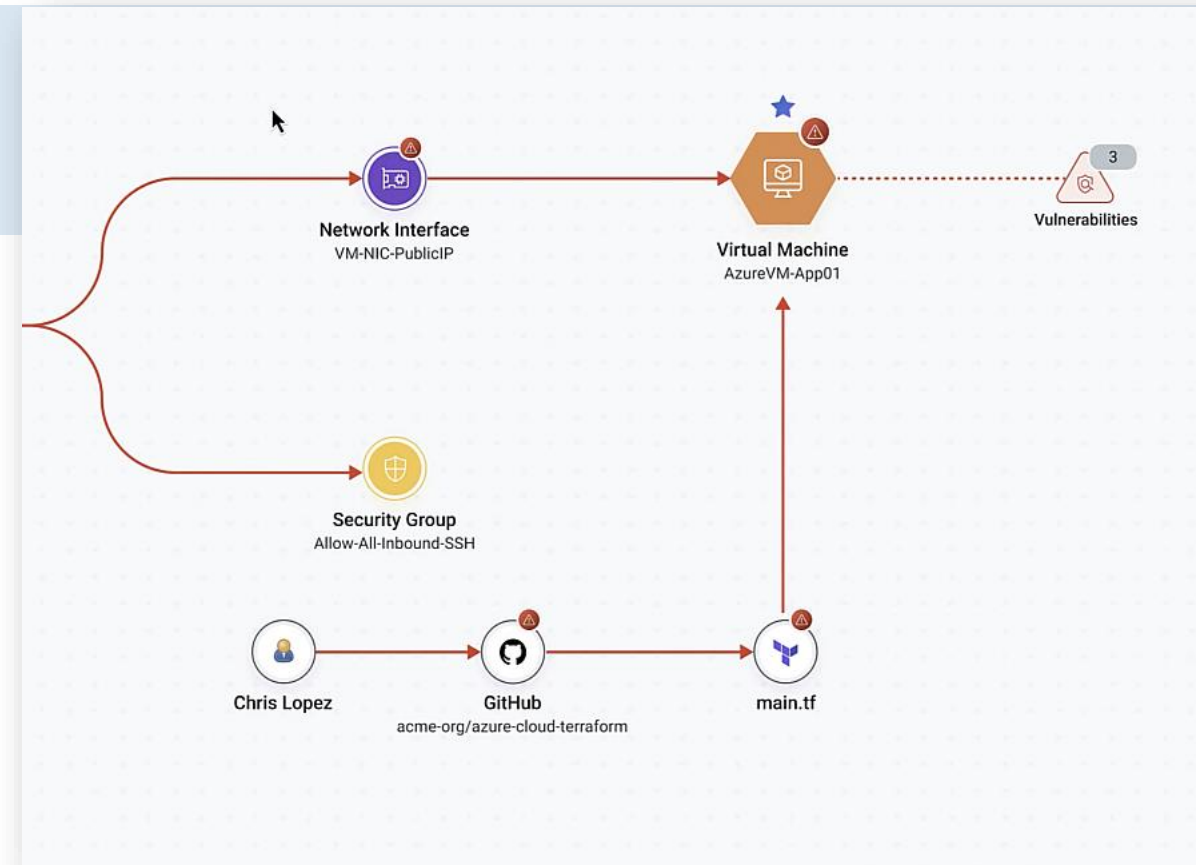


Bringing Risk Remediation to the Code

Turbocharge the code prioritization with run time security risk insights

Developers receive **prioritized findings and context** to address critical issues **first**.

- ✓ **Empower developers** with proactive, in-workflow security
- ✓ **Correlate runtime risks** to vulnerable code
- ✓ **Enable scalable**, automated security remediation.
- ✓ **Prioritize and resolve cloud risks** using actionable insights.
- ✓ **Strengthen security posture** through informed, effective risk management strategies.



Industry and Customer Recognition



Cloud Security Market Recognition

Recognized By Analysts. Trusted By Enterprises.

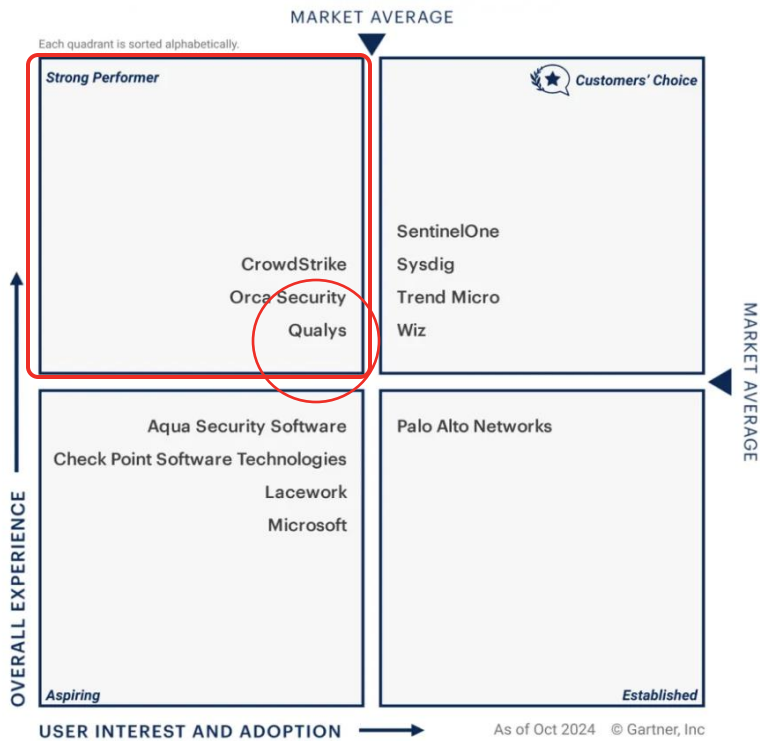
KuppingerCole

2024 Leadership
Compass for CSPM



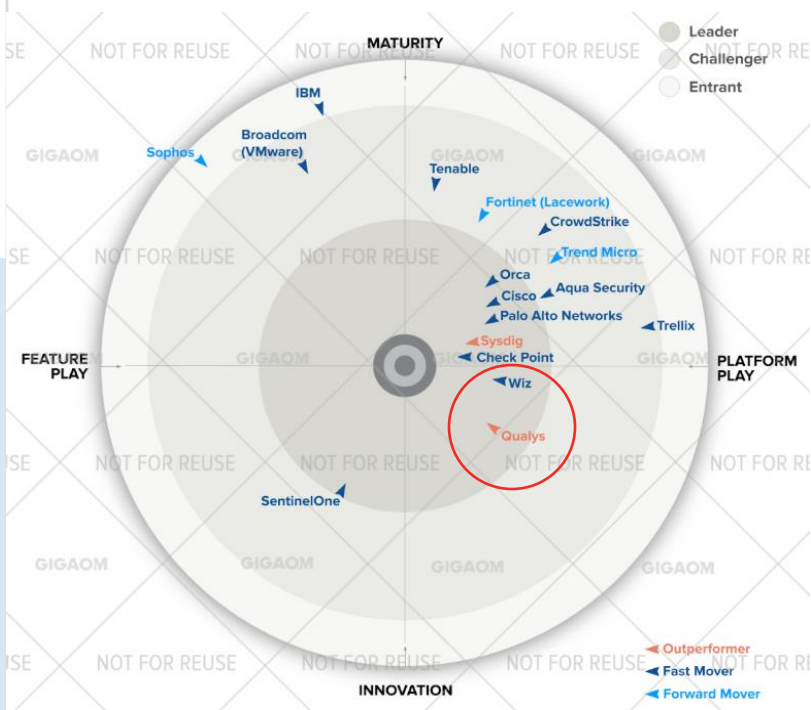
Gartner

2024 Peer Insights Voice
Of The Customer - CNAPP



GigaOm

2025 Cloud Workload
Security Radar



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Demo



Free Custom Report

**Do you know the
biggest risk to
your multi-cloud
and container
environment?**

**Get your free custom
assessment today!**





Enterprise TruRisk™ Platform

Measure, communicate, and eliminate cyber risk.

De-risk your business.

Decorative white lines and dots are present in the bottom right corner of the slide, including a solid curved line and a dotted curved line.