
AWS
re:Invent
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# Cloud security: A critical part of your exposure management program

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# Agenda

Why exposure management?

Cloud security and exposure management

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# The modern attack surface

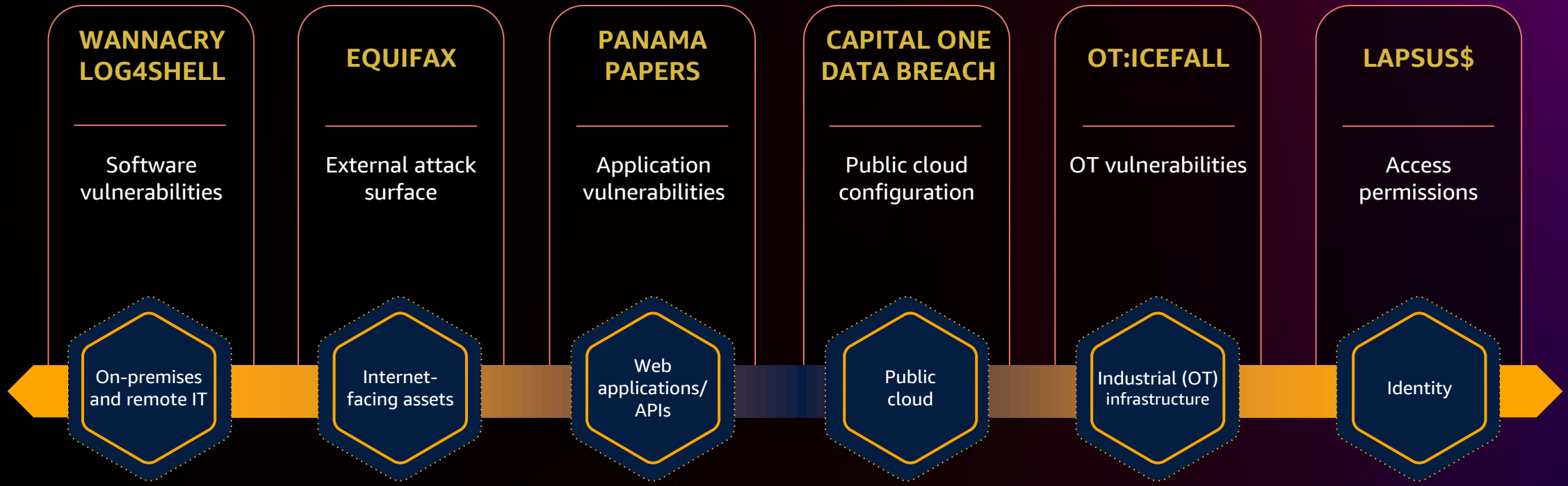
3 attributes make the modern attack surface more difficult than ever to defend

1. It is rapidly **growing**
2. It is highly **dynamic**
3. It is increasingly **interconnected**




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# Significant security events impact the weakest area in your environment




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# Challenges



Potential lack of visibility into expanded attack surface



The attack surface isn’t siloed, but your security solutions are



Resource limitations



Lack of comprehensive metrics



Difficulty assessing and communicating security status

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# The exposure management journey

- More context, **better decisions**
- Less reactive, **more preventive**
- Better communication, **better outcomes**

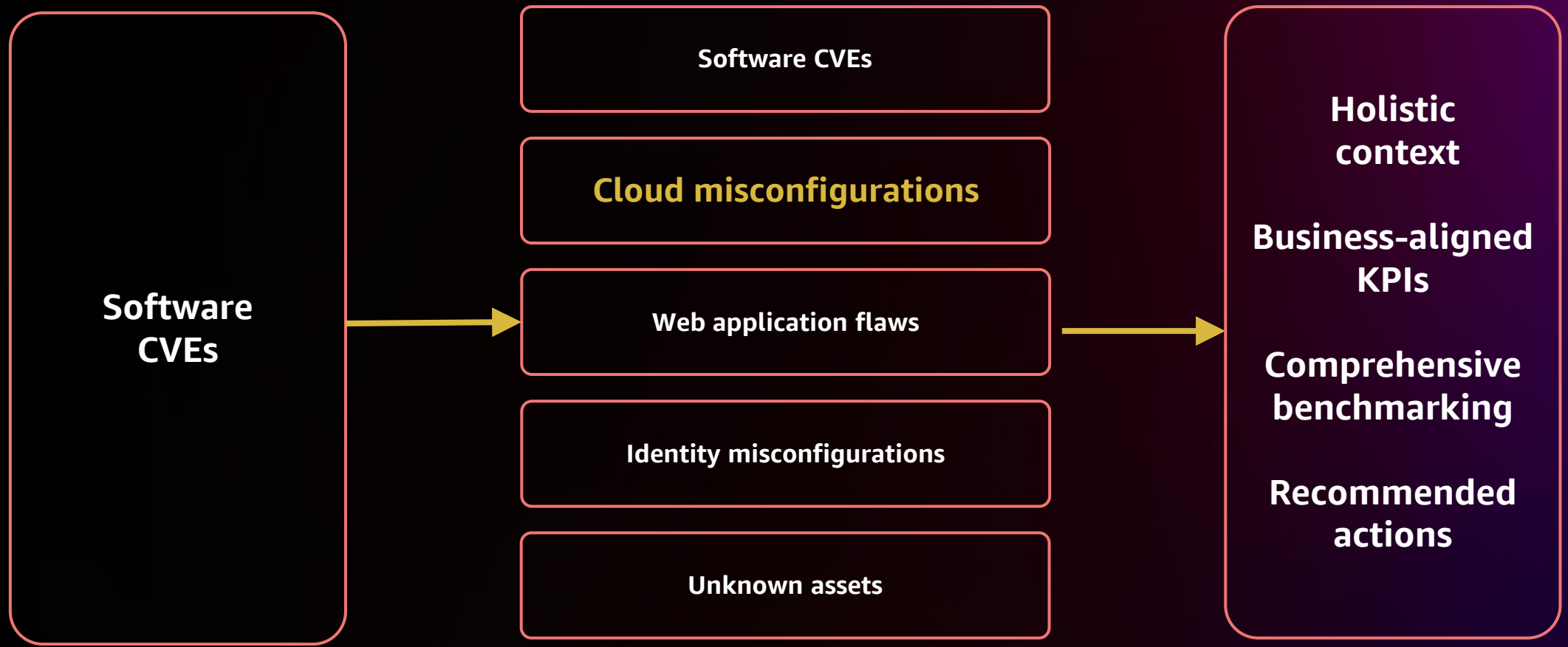
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# Building blocks of an exposure management program

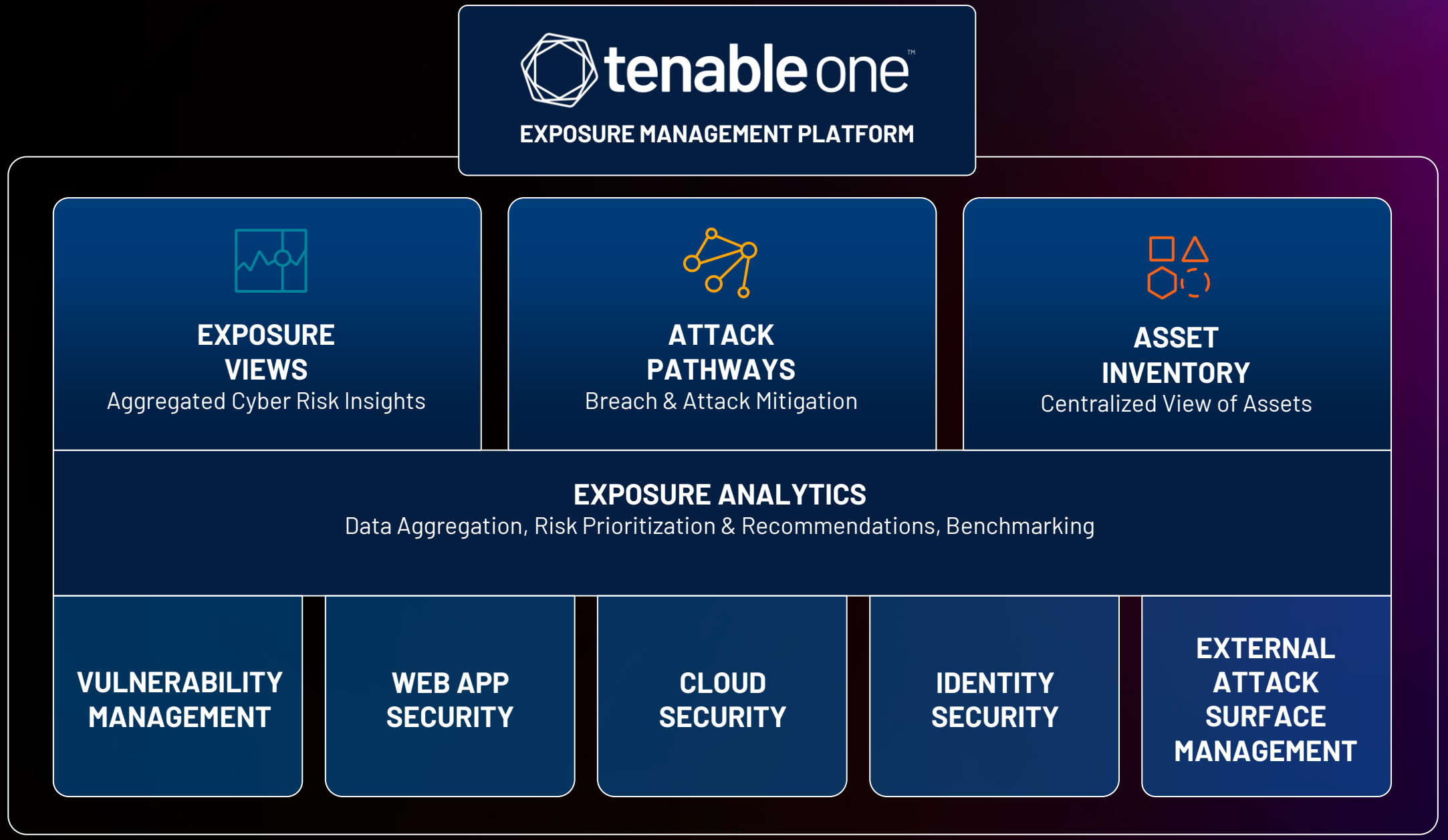
- Assess your current security technologies
- Understand your visibility
- Prioritize your efforts
- Measure your remediation processes
- Communicate and take action

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# Evolution: From vulnerability management to exposure management




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# Unified approach to cloud security

tenable.cs cloud security

## Cloud Vulnerability Assessment

Cloud service providers

## Security Posture Management (CSPM/KSPM)

GDPR

CIS Center for Internet Security

AICPA SOC 2

## Container Image Scanning, IaC Security and DevOps Integrations

docker

HashiCorp Terraform

HELM

YAML

GitHub

circleci

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# Cloud security and exposure management

Scan, inventory, and view cloud configurations, host images, and running instances all at the same time

Prioritize threats and focus on what matters most based on resource criticality, known CVEs, and security/compliance policies

**Additional benefits**

**Live results**
Threat results automatically update when new vulnerabilities are published

**Lower MTTR**
Improve MTTR rates with automated remediation workflows

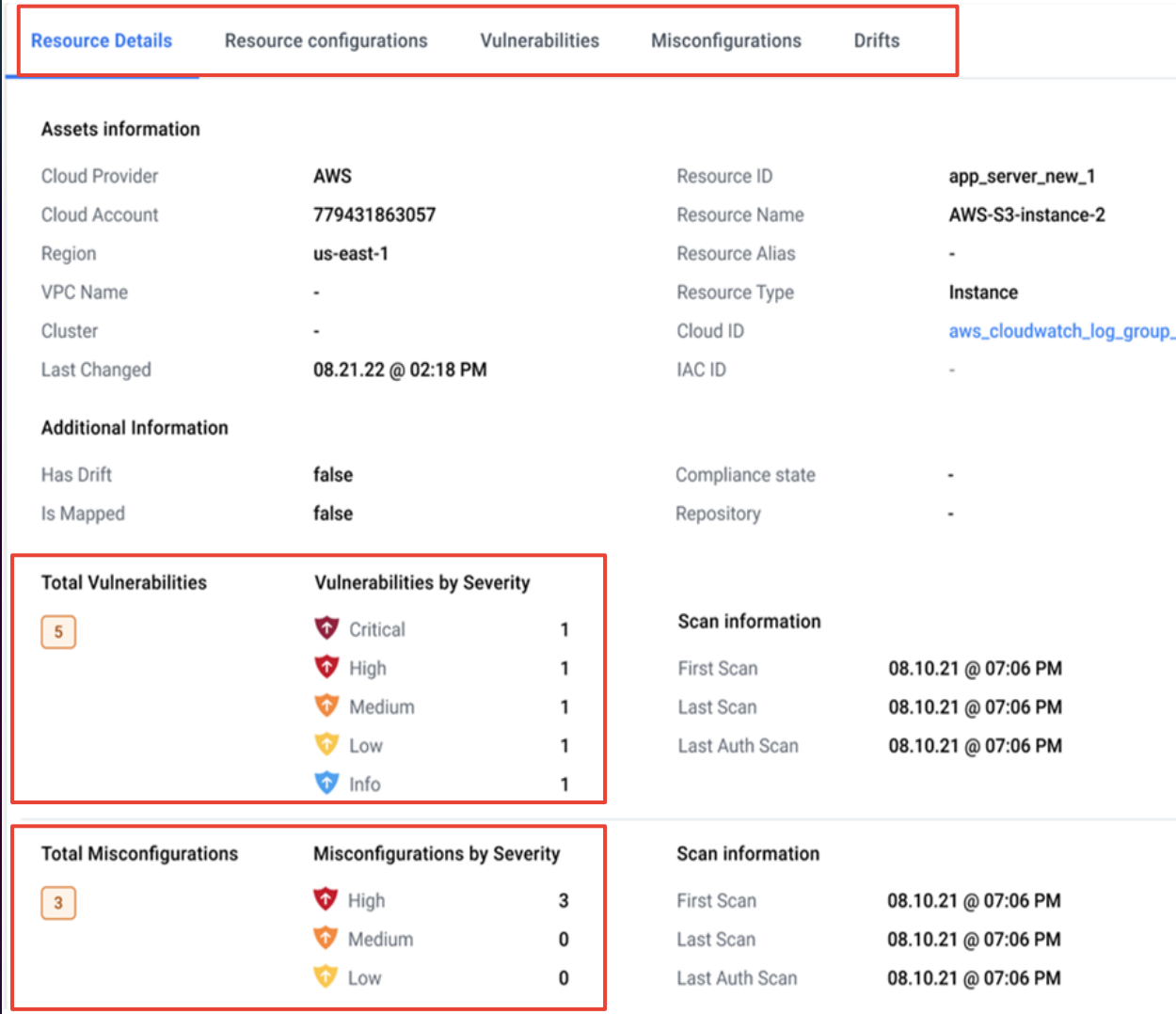
**Automated compliance reporting**
Instantly report across 20+ standards such as CIS Benchmarks, SOC 2, PCI, and HIPAA

**Risk prevention**
Stop “risky” deployments from ever being deployed

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# Cloud security and exposure management

- 360-degree asset visibility
- Details
- Configuration
- CVEs
- Misconfigurations
- Drift
- Remediations




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# Agentless assessment for AWS

## Onboard in minutes
Onboard all of your AWS accounts and users in minutes

## Gain continuous visibility
Up-to-date visibility of your cloud assets that is easily searchable

## Automatic vulnerability updates with live results
Integrated into the existing Tenable Research Vulnerability and Threat Library that you know and love

## Low impact and no added costs
Uses proprietary technology that eliminates the need to mount and store snapshots



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# Cloud security and exposure management



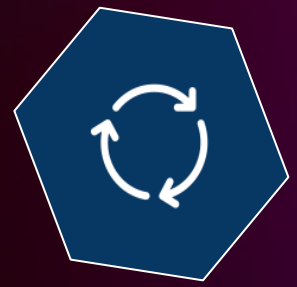
## Complete visibility

Gain a 360-degree view of assets and exposure



## Reduced exposure

Prioritize remediation based on true risk



## Continuous governance

Enforce compliance from code to cloud

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# Thank you!

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