uptycs

Understanding Attack Paths and Risks in the Cloud

Mastering Cloud Security Series: Part 1

Introductions

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The Cloud is Complex
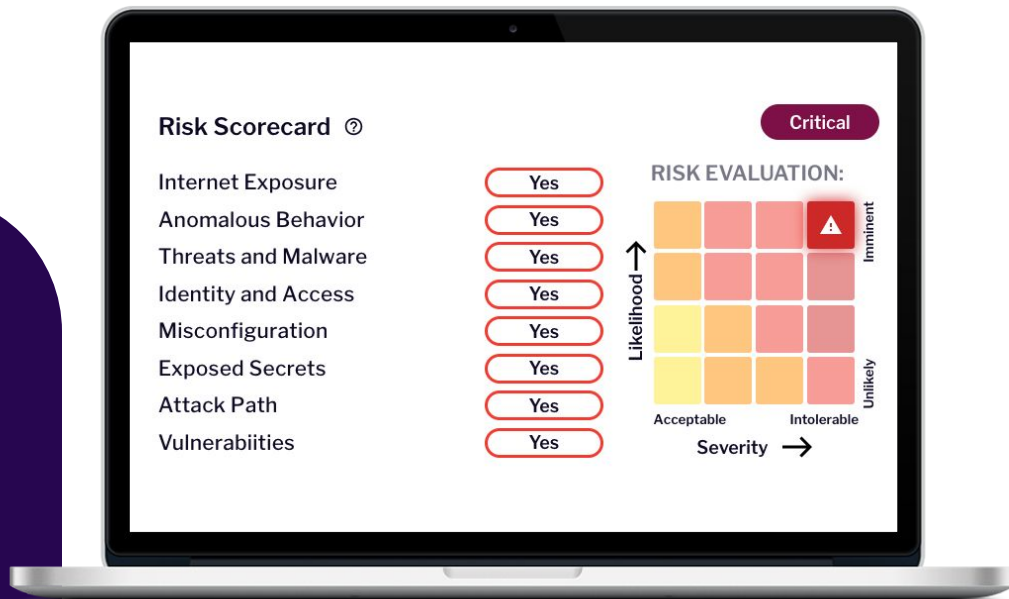
Workload Context:
- **Vulnerabilities**
- **Secrets**
- **Sensitive data**

Cloud Context:
- **Mis-configurations**
- **Attack path**
- **Network exposure**

Business Context:
- **Environment type**
- **Team assignment**
- **Critical resource**

Risk Scorecard ⊘   **Critical**

Internet Exposure	Yes
Anomalous Behavior	Yes
Threats and Malware	Yes
Identity and Access	Yes
Misconfiguration	Yes
Exposed Secrets	Yes
Attack Path	Yes
Vulnerabiiites	Yes

RISK EVALUATION:

Likelihood ↑ — Imminent / Unlikely
Severity → Acceptable / Intolerable

Attack Path
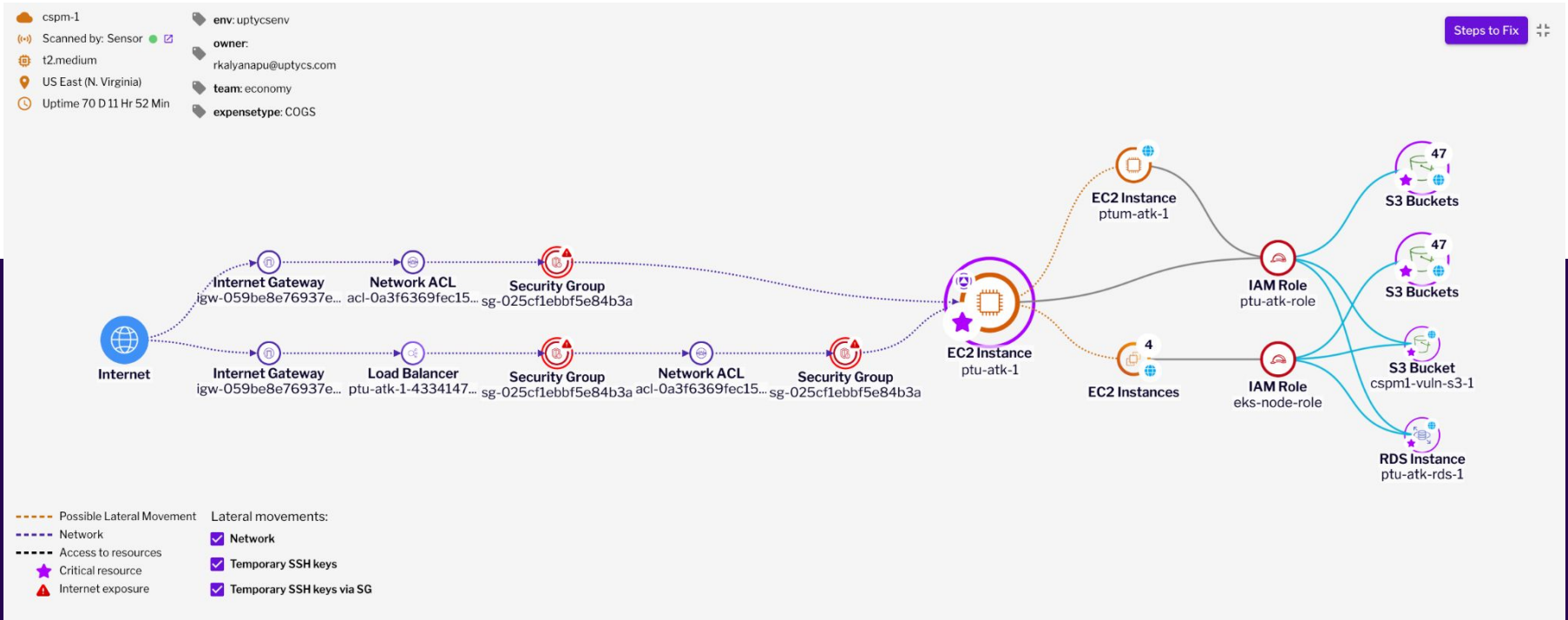
Risk Prioritization

| Risk Trends | Last 7 days | All Risks | New | Today | Unassigned | Open | Assigned to me | Exceptions | Closed |

Risk Trends — Last 7 days

All Risks — 37

New — Today — 0

Unassigned — 37

Open — 37

Assigned to me — 0

Exceptions — 0

Closed — 0

Saved Filter Sets

FILTERS

Search by: Resource

Severity — Critical +1

Categories

Resources

Download

Critical 1 aws — AWS EC2 Instance: Publicly Exposed to internet with Presence of Known Critical Exploits with Clear Text Storage of SSH Keys with Mismanaged Cloud Credentials ...

EC2 · Internet Exposure · Vulnerabilities · Exposed Secrets · Identity and Access · Anomalous Behavior · Threats and Malware · Attack Path · Misconfiguration

Critical 1 aws — AWS EC2 Instance: Role Accessing Sensitive Data with Below-Threshold Zero Trust Score with Critical Detections with Host Compliance Breaches with Role overly...

EC2 · Identity and Access · Misconfiguration · Threats and Malware

Critical 1 aws — AWS EC2 Instance: Role Accessing Sensitive Data with Host Compliance Breaches with Role overly permissive

EC2 · Identity and Access · Misconfiguration

Critical 1 aws — AWS RDS Db Instance: Instance Exposed with Compliance Breaches with Snapshot(s) Publicly Accessible

RDS · Internet Exposure · Misconfiguration

Critical 1 aws — AWS S3 Bucket: Bucket Exposed with Compliance Breaches

S3 · Internet Exposure · Misconfiguration

Critical 1 aws — AWS S3 Bucket: Compliance Breaches with GuardDuty Findings

S3 · Misconfiguration · Threats and Malware

Resources

Mastering Cloud Security Series:

1 Understanding Attack Paths & Risks

2 Uptycs' Security Graph

3 Uptycs' Cloud Discovery

4 Uptycs' Risk Prioritization

Join us on Friday, 11am EST

for Part 2:

- Deep Dive into Uptycs' Attack Path, Security Graph, and Cloud Discovery

WEBINAR SERIES

A Deep Dive into Uptycs' Attack Path, Security Graph, and Cloud Discovery

Jan 19th | 11am EST

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Questions

uptycs | **Thank you.**

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