TYCHON

Patch Management Use Case

TYCHON Enterprise is an advanced endpoint analytics and remediation platform that helps you search, visualize, remediate, and monitor every endpoint across your enterprise. When TYCHON identifies systems as vulnerable to a CVE, it can **deploy patches** to endpoints. TYCHON uses a **three-stage approach** to patch management, providing corrective options and ensuring that only systems that need a patch receive it. During Stage 1: Validation, TYCHON determines if a system is unpatched and/or vulnerable. Stage 2 is Deployment and Installation, whereby patch binaries or **workarounds** are customized and automatically deployed based on the results of the vulnerability check. Finally, Stage 3 is Rollback, where, if problems arise from the binary installation or workaround deployed, they can be reversed/uninstalled. This comprehensive approach, combined with TYCHON's other valuable features, enables you to manage every layer of endpoint security and stay in control of your network.

Benefits

Manage

Identify vulnerabilities and deploy patches within a single managed interface.

Rollback

Take advantage of feature flexibility by rolling back patches if necessary.

Customize

Configure your patch solution to meet the needs of variable requirements.

Schedule

Maintain compliance by scheduling future patches throughout your enterprise.

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Key Features

1 TYCHON SENSOR

Lightweight agent built on a micro service engine framework to optimize integrations and provide superior data quality to fulfill use cases.

- Logins, Permissions, & Users
- File Meta Data & Integrity
- Digital Signatures & Certificates

2 MESH MODEL

Instantly query up to a million endpoints. Unique architecture components built for scalability and fast response.

- Deploy Patches
- Update OVAL / CVE Definitions
- Device Hardening

3 OPEN ARCHITECTURE

Built on an open, flexible framework with embedded micro services built using a Client-Server Model with an integrated journal.

- Cloud / Hybrid / On Premise
- Low Bandwidth / Disconnected
- Best In Class Technical Partners

4 INCIDENT RESPONSE

Instantly respond to threats by executing a cleanup, AV update, and services status check across endpoints in a matter of seconds.

- Flexible Endpoint Targeting
- One-Click Response Actions
- IOC Searches

5 TYCHON JOURNAL

Fully indexed record from every endpoint. Monitor and record endpoint and server activity for near-instant identification of threats.

- Master Endpoint Record
- FIPS 140-2 Compliance
- Netflow & DNS History

6 DYNAMIC DASHBOARDS

Interactive dashboards, which display real-time enterprise compliance metrics for up-to-date situational awareness of network risk.

- Continuous Comply 2 Connect
- Cyber Hygiene
- Zero Trust

7 END USER ENGAGEMENT

A direct line of communication from the incident responder to the desktop of end users.

- Custom Banner & Messages
- Outlook Searching
- User Created/Connected Shares