CERNE™ AGENT ECOSYSTEM

Patching Agent

Closes vulnerabilities faster, without breaking production. Unpatched vulnerabilities are one of the most common ways attackers get in, yet patching stalls on impact checks, change approvals and maintenance windows. The Patching Agent validates patch impact and readiness, learns from past outcomes, and applies, defers or routes patches for approval, with rollback and incident creation if a patch fails.

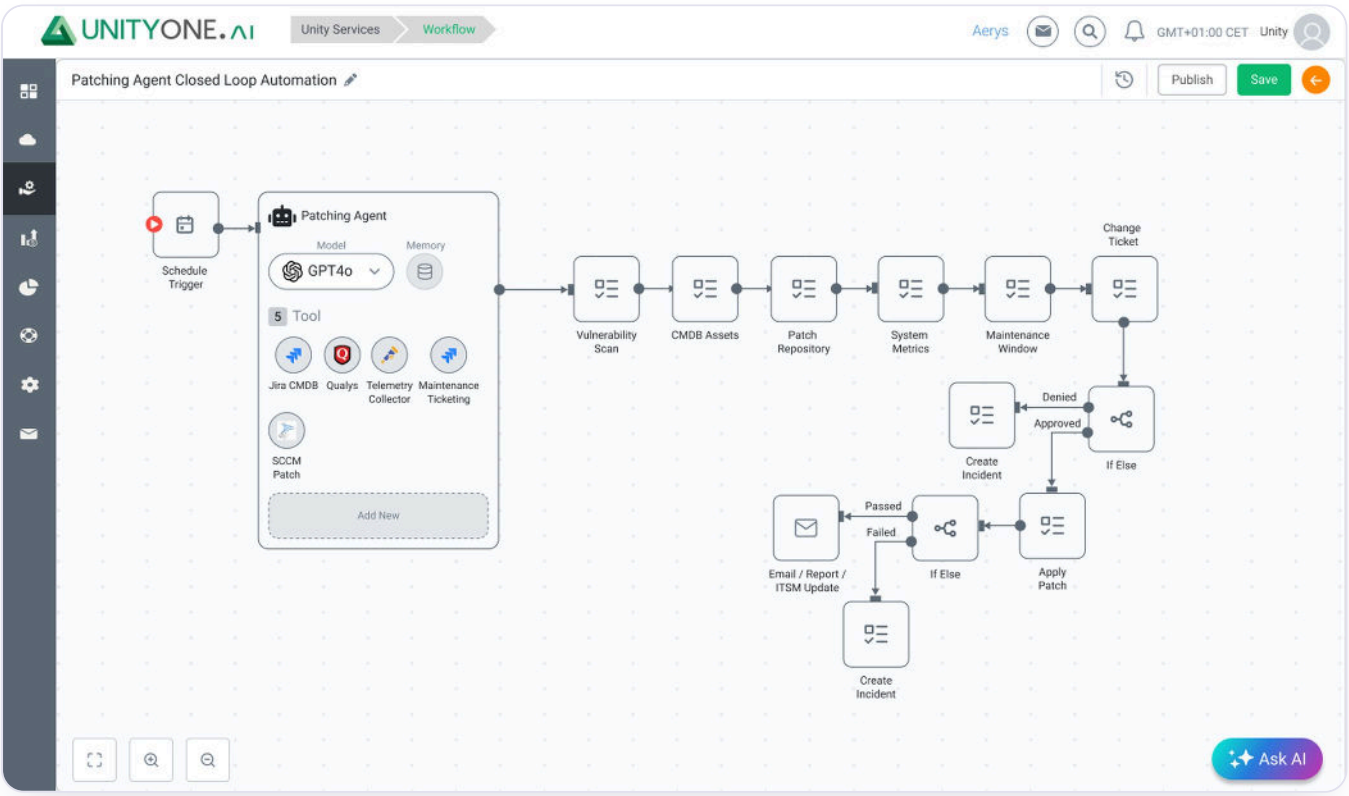
The problem it solves

- Vulnerabilities open for weeks or months
- Patches delayed by manual impact checks
- Change tickets and approvals handled by hand
- Failed patches discovered by users

20%

of breaches start with vulnerability exploitation, up 34%

Verizon 2025 Data Breach Investigations Report.



Patching Agent closed-loop automation: vulnerability scan, CMDB, patch repository, system metrics and maintenance window, then change ticket, apply patch, and incident if it fails.

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HOW THE PATCHING AGENT WORKS

From trigger to governed outcome

Trigger

- UnityOne event: patch requirement
- Vulnerability detection, patch availability or schedule

AI service agent

- Validates patch impact and readiness
- Learns from past outcomes

Tool integrations

- Vulnerability data: scanners such as Qualys
- Asset context: CMDB, such as Jira CMDB
- Patch source: repositories, such as SCCM
- Telemetry and ITSM change management

Decision engine

- Auto, defer or approval
- Policy and maintenance-window aware

Actions

- Apply patch, or roll back
- Create an incident if it fails
- Update ITSM and notify

Outcome

- Reduced vulnerability exposure and risk
- Automated patch compliance
- Change and incident tracking in ITSM
- Complete audit trail

Decision modes: Auto | Defer | Approval

GET STARTED

Put Cerne™ agents to work

See the agent ecosystem hands-on in the UnityOne AI Playground, or talk to our team about which agents to deploy first in your hybrid and multicloud estate.

Enter Playground | **Contact Us**

Email: contact@unityone.ai · Playground: cerne.unityone.ai · Sales: unityone.ai/contact-us

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