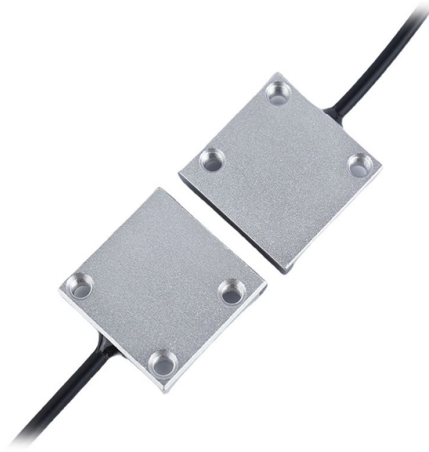


AI to fix server vulnerabilities



Overview

AI has the potential to transform cybersecurity through automation of vulnerability discovery, patching, and exploitation. But this release serves two purposes: it's both a useful tool and a reference implementation for building your own AI-powered. Harness AI integrated into Security Testing Orchestration (STO) significantly reduces time-to-remediation (TTR) by leveraging generative AI for actionable security fixes, enabling direct code suggestions and pull requests, thus enhancing security responsiveness without compromising development. We're using Vuln. In today's hyperconnected enterprise landscape, vulnerability management is no longer a back-office function—it's a frontline defense. Integrating these models with traditional software security tools allows engineers to proactively secure and harden systems earlier in the software development process. In. Every bug uncovered is an opportunity to patch and strengthen code—but as detection continues to improve, we need to be prepared with new automated solutions that bolster our ability to fix those bugs. That's why our Secure AI Framework (SAIF) includes a fundamental pillar addressing the need to. In November 2023, we announced the launch of code scanning autofix, leveraging AI to suggest fixes for security vulnerabilities in users' codebases.



Article Content

Use AI to Enhance Your Patch Management Strategies

AI brings a proactive edge to patch management by predicting high-risk vulnerabilities before they become major threats. Analyzing historical data

Fixing security vulnerabilities with AI

In November 2023, we announced the launch of code scanning autofix, leveraging AI to suggest fixes for security vulnerabilities in users''

OpenAI launches Codex Security, an AI agent to fix

OpenAI has rebranded its autonomous security agent, Aardvark, as Codex Security and moved it into a research preview for tiered ChatGPT users.

Anthropic Project Glasswing to Use AI to Fix Software Bugs With AI

Anthropic launches Project Glasswing, using its Claude Mythos Preview AI to autonomously identify and fix undiscovered vulnerabilities in critical software

Making frontier cybersecurity capabilities available to

We've recently shown that Claude can detect novel, high-severity vulnerabilities. But the same capabilities that help defenders find and fix

OpenAI Daybreak Aims to Find, Fix, and Verify Software Vulnerabilities ...

OpenAI has introduced Daybreak, a cybersecurity initiative designed to help defenders find software vulnerabilities earlier, generate safer fixes, and verify remediation inside existing

Vuln.AI: Our AI-powered leap into vulnerability

Learn how we're using Vuln.AI to transform vulnerability management here at Microsoft, giving us a faster, more accurate, and scalable threat response.

Applying Generative AI to CVE remediation - early

Using generative AI and serverless technologies helps simplify what used to be a complex and laborious process. Having an automated workflow in

Auto Remediate Security Vulnerabilities with Harness AI

Harness AI leverages generative AI to provide effective remediation guidance, reduce developer toil, manage security backlogs, address critical vulnerabilities, and even allow teams to make direct code

OpenClaw Chain Vulnerabilities Expose 245,000 Public AI Agent Servers ...

A chain of four critical vulnerabilities discovered in OpenClaw, one of the fastest-growing open-source platforms for autonomous AI agents, has left an estimated 245,000 publicly accessible

Vulnerability and exposure management | Cloud and AI

The leader in exposure management and AI security, Tenable cybersecurity solutions reduce cyber risk across IT, OT, cloud, identity & hybrid attack surfaces.

GitHub MCP Server Vulnerability Let Attackers Access

A critical flaw in GitHub's MCP server allows prompt injection attacks, risking private repo data in widely used coding agents and IDEs.

Banks Scramble to Fix Cybersecurity Vulnerabilities Flagged by Mythos AI

We make no guarantees regarding its accuracy or completeness. Banks in the United States are rushing to patch up dozens of weaknesses in their IT systems that were identified by

AI and the Software Vulnerability Lifecycle

AI has the potential to transform cybersecurity through automation of vulnerability discovery, patching, and exploitation. Integrating these models with

Patch Tuesday May 2026: CVE Analysis and AI-Discovered Bugs

May 2026 Patch Tuesday covers two pre-auth network RCEs in core Windows services, a Hyper-V guest-to-host escape, a kernel-level Wi-Fi RCE in macOS Tahoe 26.5, and AI-assisted vulnerability

Anthropic CEO Says Institutions Have Months-Long Window To Fix

Anthropic CEO Dario Amodei said institutions like companies and governments have a window of between six and 12 months to fix software vulnerabilities before Chinese AI catches up.

Vulnerabilities & Threats recent news | Dark Reading

Explore the latest news and expert commentary on Vulnerabilities & Threats, brought to you by the editors of Dark Reading

Find and fix RHEL vulnerabilities with Red Hat Lightspeed MCP

Discover how Red Hat Lightspeed MCP integrates AI to help simplify vulnerability management, prioritize security risks, and automate remediation planning.

GitHub rushed to fix a critical vulnerability in less than six ...

GitHub rushed to fix a critical vulnerability in less than six hours A critical remote code execution vulnerability was discovered using an AI model and patched within hours.

Anthropic's Claude Mythos exposed a terrifying new cybersecurity ...

For years, cybersecurity experts worried about the moment artificial intelligence would tilt the balance between attackers and defenders. That moment may have already arrived. Anthropic's

The OpenHands Vulnerability Fixer: Automated Security

An open-source application that demonstrates how to build AI-powered tools using the OpenHands Cloud API. Scan repositories for

Vulnerability management empowered by AI

By leveraging AI in vulnerability management, organizations can enhance their security posture, stay ahead of emerging threats and protect their valuable

User | thepilotnews

Banks Scramble to Fix Cybersecurity Vulnerabilities Flagged by Mythos AI By: Investor Brand Network May 19, 2026 at 10:05 AM EDT

AI-powered patching: the future of automated vulnerability fixes

This paper shares lessons from our experience leveraging AI to scale our ability to fix bugs, specifically those found by sanitizers in C/C++, Java, and Go code.

Critical Nginx UI auth bypass flaw now actively exploited in the wild

A critical vulnerability in Nginx UI with Model Context Protocol (MCP) support is now being exploited in the wild for full server takeover without authentication.

Introducing CodeMender: an AI agent for code security

Using advanced AI to fix critical software vulnerabilities Today, we're sharing early results from our research on CodeMender, a new AI-powered

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