

MaxBits · Daily Tech Watch

High-quality technology news from around the world.

Daily brief · 2026-01-24

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Last 7 daily reports

3 deep-dives you should really read

Researchers broke every AI defense they tested. Here are 7 questions to ask vendors.

VentureBeat – AI · Topic: **AI/Cloud/Quantum**

- **What it is:** Researchers from leading AI labs demonstrated that most current AI security defenses are ineffective, failing to protect against sophisticated adaptive attacks with high bypass rates.
- **Who:** Researchers from OpenAI, Anthropic, and Google DeepMind conducted the study, directly impacting enterprises, security teams, and AI defense vendors.
- **What it does:** This research reveals that current AI security products are critically flawed, offering minimal protection against adaptive prompt injection and jailbreak attacks across diverse methods.
- **Why it matters:** The rapid enterprise AI deployment without effective security creates severe risks of data exfiltration, IP theft, and operational disruption from increasingly sophisticated, malware-free attacks.
- **Strategic view:** C-level executives must immediately reassess AI security strategies, demand adaptive, context-aware defenses, and integrate robust AI threat modeling into enterprise risk management frameworks.

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How OpenAI is scaling the PostgreSQL database to 800 million users

VentureBeat – AI · Topic: **AI/Cloud/Quantum**

- **What it is:** OpenAI scales its core ChatGPT and API platforms for 800 million users on a single-primary PostgreSQL instance, defying conventional wisdom for massive data workloads.
- **Who:** OpenAI, a leading AI company, along with its engineers, leverages open-source PostgreSQL, supported by Azure, for its critical backend database operations.
- **What it does:** The strategy optimizes PostgreSQL through targeted improvements like connection pooling and cache locking, handling millions of queries per second with high availability and low latency.
- **Why it matters:** This demonstrates that proven database systems can stretch to immense scales with deliberate optimization and workload-driven decisions, avoiding premature, complex re-architectures.
- **Strategic view:** TMT executives should prioritize understanding actual workload patterns and disciplined optimization before wholesale database migration, selectively offloading specific bottlenecks to new systems.

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Claude Cowork turns Claude from a chat tool into shared AI infrastructure

VentureBeat – AI · Topic: **AI/Cloud/Quantum**

- **What it is:** Claude Cowork transforms Anthropic's Claude from a personal chat interface into shared, persistent AI infrastructure designed for collaborative team workflows and non-technical tasks.
- **Who:** Anthropic is expanding Claude Cowork access to Team and Enterprise plan users, aiming to integrate collaborative AI workflows across diverse non-technical teams within organizations.
- **What it does:** Claude Cowork enables teams to build non-technical project workflows asynchronously, create files, and retain persistent context across sessions, evolving AI into a continuous collaborative work environment.
- **Why it matters:** This development matters as it redefines Claude as shared AI infrastructure for persistent team projects, integrating AI deeper into enterprise workflows by supporting collaborative, asynchronous task execution.
- **Strategic view:** This strategic move positions Anthropic to capture enterprise market share by evolving Claude into scalable, collaborative AI infrastructure for diverse team functions, intensifying competition in the AI workspace segment.

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CEO POV · AI & Space Economy

No CEO statements collected for today.

Patent watch · Compute / Video / Data / Cloud

No relevant patent publications detected for today (EPO / USPTO).

Curated watchlist · 3-5 links per topic

TV / Streaming

No notable articles for this topic today.

Telco / 5G

No notable articles for this topic today.

Media / Platforms

No notable articles for this topic today.

AI / Cloud / Quantum

- [America’s coming war over AI regulation](#) (MIT Technology Review – Tech) ☐ Add to Weekly
- [The Download: chatbots for health, and US fights over AI regulation](#) (MIT Technology Review – Tech) ☐ Add to Weekly
- [The Math on AI Agents Doesn’t Add Up](#) (Wired – Business) ☐ Add to Weekly
- [Measles is surging in the US. Wastewater tracking could help.](#) (MIT Technology Review – Tech) ☐ Add to Weekly
- [NASA Sets Briefings for SpaceX Crew-12 Mission to Space Station](#) (NASA – Breaking News) ☐ Add to Weekly

Space / Infrastructure

- [Ignis mission timelapses: Earth and Moon views from the International Space Station](#) (ESA – European Space Agency) ☐ Add to Weekly
- [Earth from Space: Pantanal](#) (ESA – European Space Agency) ☐ Add to Weekly

Robotics / Automation

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