

Maximizing IT Uptime and Continuous Service Availability with SUSE.

Two-thirds of data center outages are caused by processes, not infrastructure systems¹

One in three cases of significant disruption were caused by failures of hardware, software, telecom, upgrades, or human error²

Counting the Cost of Downtime
IT downtime can be catastrophically expensive for business - in costs, customer retention, workforce productivity, and business reputation. Organizations need the right solutions, support services, and partner to maintain nonstop IT operations and ensure uninterrupted operations. That not only means keeping systems up to date, but also keeping them running while the necessary software fixes are applied.

What is Live Patching and why do I need it?

Patching Security and stability + **w/o Reboot** Less planned downtime

Improved service availability

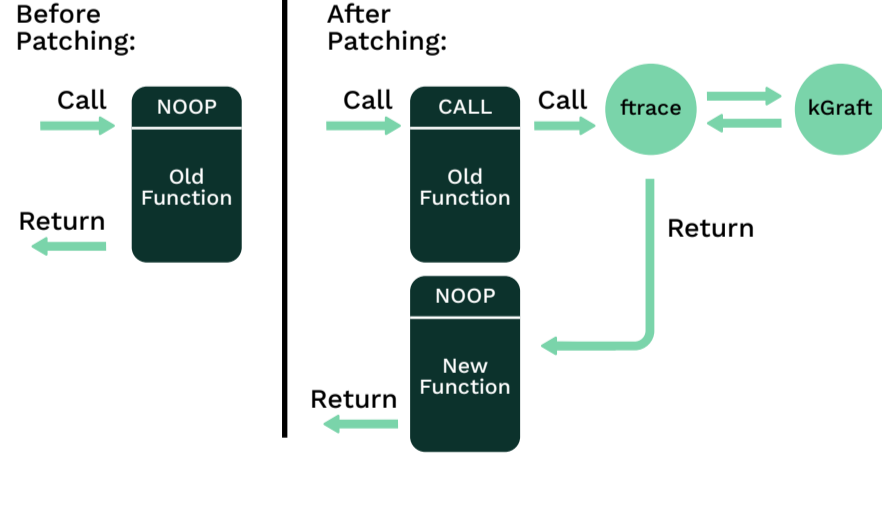
Avoid downtime during fixes: SUSE Live Patching
Cutting-edge Live Patching optimizes essential security updates without the need to reboot everything. A first for the industry, SUSE's live patching across multiple architectures enables remedial maintenance while critical processes - such as analytics, in-memory database solutions, and AI applications - are still running.

Security vulnerability is discovered on Linux kernel

System administrator applies the 'Live Patch' to fix the vulnerability

Applications keep running without any interruption. System administrator does not need to reboot the system!

SAP HANA-based SUSE Live Patching at a glance



Deliver new capabilities while also maintaining service reliability

Enhance security and compliance by ensuring systems are regularly updated

Reduce downtimes, both planned and unplanned, by patching systems live

Keep business up and running with continuous service availability

The right partner, solutions, and support services

Lenovo and SUSE build on a strategic 20-year partnership of co-innovation success to deliver the enterprise-level, interoperable open source solutions that empower your optimization solutions that empower your workload management.

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Sources

1: Data Centre Knowledge: Most Data Center Outages Aren't Caused by Tech Failure Data Center Knowledge (2017)
2: SUSE: Delivering an Always-On, Always-Available Digital Enterprise (2017)