

Power Your Enterprise Transformation with Linux – The Choice for Modern Digital Infrastructure

“Empowering Digital Enterprises at Scale through OS Layer Standardization”



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Linux is Key to the Enterprise Digital Business Agenda



DIGITAL BUSINESS IS THE FUTURE

IDC predicts that spending on digital technology by organizations will grow 5X the economy in 2024 in Asia/Pacific (ex. Japan), as companies are compelled by market demands to grow digital business models and strengthen their digital capabilities. (Source1)

DIGITAL INFRASTRUCTURE IS FOUNDATIONAL

78% of Asia/Pacific organizations believe digital infrastructure is important or mission critical to enabling their organization's achievement of business goals over the next two years. (Source2)



LINUX IS THE DIGITAL INFRASTRUCTURE OF CHOICE

IDC forecasts that by 2027, 84% of all net-new OS deployments (physical or virtualized) will run Linux, up from 81% in 2022. (Source3)



Digital Infrastructure is Foundational to Enterprise Business Transformation

In the era of digital business, the active use of digital technologies is key to navigating market disruption, driving innovation, business agility, and operational resilience. This involves updating traditional applications, software systems, and infrastructure to meet current technology standards. Failure to do so can lead to inefficiencies and increased security risks. Today, many organizations operate on multiple platforms, contributing to management complexity and decreased efficiency. To address these challenges, businesses need an IT foundation that aligns with their needs and prioritizes delivering better business value.

To stay competitive, enterprises must increasingly incorporate digital revenue into their value proposition. According to IDC, by 2026, 40% of total revenue for APAC enterprises will be generated by Digital Products, Services, and Experiences. This underscores the crucial role of Digital Infrastructure, encompassing cloud-centric platforms and modern systems and management software, as the bedrock for these new revenue streams.

Linux is the Choice for Modern Digital Infrastructure

The Operating System is the beating heart of complex infrastructure environments, and IDC's research unequivocally points to Linux as the OS of choice for modern digital infrastructure. IDC forecasts that while worldwide spend on server infrastructure workloads is expected to grow to US\$185B by 2027 (at a CAGR of 8.9% over a five-year period), the spend on Linux-based servers will grow to US\$126B by 2027 at a CAGR of 11.4% - significantly higher than the rest of the market. The fact that this growth coincides with the rapid expansion of public cloud and edge environments validates the hypothesis that Linux is the preferred OS choice for modern digital infrastructure environments.

Standardizing Linux Environments is Key to Maximizing Gains from Digital Infrastructure Investments

While the momentum towards Digital Infrastructure remains robust, there are significant challenges enterprises face in optimizing the value realized from their Digital Infrastructure investments. IDC's research identifies operations silos, staffing challenges, cybersecurity concerns, managing data and maintaining data consistency, a lack of automation, and rapidly rising costs as key Digital Infrastructure challenges facing Asia/Pacific enterprises today.

Benefits of Enterprise Linux over Community Linux

With Linux remove as the most popular OS choice among enterprises, standardizing enterprise IT estates around vendor-supported Linux offers a simple, practical, and cost-effective way of addressing these challenges. In an IDC study, it was found that "lower acquisition costs of open-source software are outweighed by staffing and downtime costs in the long run.

IDC studies have shown that the use of free software often carries operational costs and inefficiencies that substantially outweigh the cost of commercial subscription support. This is especially true when the software is used for business-critical applications and workloads." Commercially supported Linux plugs this gap in the open-source value proposition by providing dedicated technical assistance, reliable support, and timely updates, patches, and security fixes. This ensures environmental stability, robustness, and resilience essential to supporting an enterprise's critical business processes and operations.

When deciding on the commercially supported Linux version to deploy, IDC recommends that buyers pay attention to the nature of enterprise-grade service and support offered, the promptness and cadence of patches and updates, support across a diversity of infrastructure environments, development tools and frameworks offered, built-in automation support, ecosystem partnerships, and most importantly, the vendor's credibility and track record.



Message from the Sponsor



At Red Hat, we know that a standardized approach to IT infrastructure gives organizations the consistency they need to reduce complexity as well as the cost and friction of change. By standardizing on Red Hat Enterprise Linux, organizations can amplify business agility, establish a strong security posture, and address skills gaps with resources, tools, and expert access.

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