

Linux Virtual Machine

Overview

JioCloud Linux Virtual Machine provides a secure, high-performance platform for your Linux-based workloads, delivering flexibility, and enterprise-grade assurance for diverse use cases. Choose your distribution, provision in minutes, and run secure, scalable apps - backed by long-term support and compliance-ready controls. Whether you are building microservices, hosting secure databases, or running AI/ML operations, our Linux VMs help you do more with less work and more control.

Key Features

- **Your choice of distribution**
Run Ubuntu (fully open-source) or Red Hat Enterprise Linux (RHEL) with enterprise support - based on your needs.
- **Built-in security**
Includes SELinux or AppArmor, host firewalls, and regular security patches for a hardened runtime environment.
- **Long-term support**
Get predictable updates and multi-year support lifecycles, including LTS releases for Ubuntu and extended support with RHEL.
- **Optimized for cloud**
Pre-built cloud images for quick launch, ready to scale across virtual machines, containers, and orchestration platforms.
- **Compliance-ready**
Ubuntu images are hardened to CIS benchmarks and aligned with best practices for regulated industries.

Benefits

- **Enterprise-grade security**
Protect your workloads with hardened images, built-in controls, and vulnerability management aligned with compliance needs.
- **Stability without lock-in**
Run your Linux apps with predictable long-term support - with the freedom to switch between open-source and subscription models.
- **DevOps-ready flexibility**
Use the same OS across development, staging, and production - optimized for automation, CI/CD, and container platforms.
- **Cost control, your way**
Scale resources as needed, while choosing between free or subscription models based on your budget and support needs.
- **Works across use cases**
From data pipelines to internal apps, from edge compute to AI training - your Linux stack runs reliably and securely.

Use Cases

- **Secure web and database hosting**
Run apps on Apache/Nginx with PostgreSQL or MySQL - encrypted, stable, and scalable.
- **Cloud-native development**
Spin up container hosts and DevOps toolchains - from Docker to Kubernetes - on your Linux VM.
- **Data science and ML**
Deploy AI/ML workflows using open-source frameworks on powerful Linux machines.
- **High-performance app servers**
Serve enterprise APIs, ERP systems, or streaming platforms with Linux VMs tuned for throughput.