JioCloud

Linux Virtual Machine

Run Linux Your Way - Secure, Scalable, Cost-Efficient

JioCloud

Power stable, scalable, compliant workloads with DevOps-ready automation and open-source flexibility - on JioCloud Linux Virtual Machine.

The Challenge

- **Freedom without sacrificing security**
  Modern businesses want Linux flexibility, but without compromising stability, support, or compliance.

- **Keeping costs predictable**
  Open-source adoption reduces licensing overhead, but enterprises still need clear choices between free community editions and commercial support models.

- **One OS, infinite use cases**
  Whether it's DevOps pipelines, data-heavy workloads, or web-scale apps - Linux must perform reliably across containers, Kubernetes, and traditional VMs alike.

The JioCloud Solution

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 Linux distribution that best fits your needs, from fully open-source options to enterprise-grade editions with professional support.

- **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 and extended maintenance options.

- **Optimised 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.

What You Gain

- **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 - optimised 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 in Action

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.
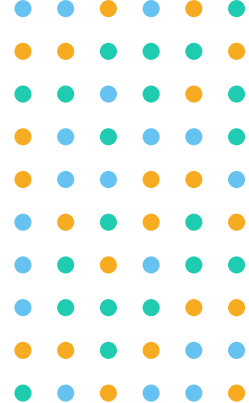
Industries We Serve

- *Tech and SaaS: Host APIs, microservices, and backend services.*
- *Financial Services: Run secure, compliant workloads.*
- *Media and Gaming: Power real-time apps and high-volume delivery.*
- *Healthcare and Research: Process protected data with Linux-based data stacks.*

Who It's For

- **DevOps and developers:** Build and ship software faster on secure, stable Linux platforms.

- **Cloud architects:** Design flexible hybrid or multi-cloud systems with open-source compatibility.

- **IT admins:** Patch, monitor, and manage Linux VMs using familiar tools.

- **Security teams:** Enforce hardening standards and ensure policy compliance.

Why JioCloud

- **Linux your way -** Choose from wide range of Linux OS-open-source or subscription - based on your need, not limitations.

- **Security from the start -** Get CIS-hardened images, built-in firewalls, antivirus options, and compliance-ready configurations.

- **Seamless scaling -** Resize, autoscale, and tune your VM - without downtime or re-deployment.

- **Full VM control -** Add or remove storage, tags, network, or security groups - with simple dashboard access.

- **Built-in observability -** Monitor performance, usage, and patch status without third-party tools.

Let's Build Your Next Linux Stack.

Talk to us at jpl.cloudsales@ril.com or visit (website) to get started.