



Bastion Host

Redefining Secure Access —
One Gateway for All Your Cloud Workloads

Secure Administrative Access to Your Private Network – Simplified, Centralized, and Controlled

The Challenge

As organisations move workloads to cloud and hybrid environments, administrators often require remote access to servers, databases, and applications hosted in private networks. However, exposing these systems directly to the internet significantly increases the attack surface, making them vulnerable to unauthorised access, credential theft, and malicious intrusion.

Common risks include:

- Insecure SSH or RDP endpoints open to the public internet.
- Lack of centralised access control and session visibility.
- Difficulty enforcing strong authentication and auditing policies.
- Compliance risks due to unmonitored administrative sessions.

Enterprises need a secure, auditable, and efficient access solution that enables administrators to connect safely to private resources — without compromising on security or compliance.



The JioCloud Solution

The Jio Bastion Host acts as a secure gateway between external and private networks, offering a single, hardened entry point for administrative access. It eliminates the need to expose servers or systems directly to the internet, significantly reducing vulnerabilities. By filtering all administrative traffic through this controlled access point, Bastion provides centralised management, comprehensive auditing, and multi-factor authentication, ensuring every session is secure and accountable. This managed service simplifies remote infrastructure management, offering IT teams a safe, monitored, and policy-driven environment to operate critical workloads.

Key Features

- **Secure remote access:** Provides a hardened single point of entry to internal systems and servers.
- **Centralised gateway:** Consolidates all administrative sessions through one managed interface.
- **Strong authentication:** Supports Multi-Factor Authentication (MFA) for verified access.
- **Comprehensive logging:** Captures all logins, commands, and actions for audit and compliance.
- **Role-based access control (RBAC):** Enables precise access permissions per role or user group.
- **Real-time monitoring:** Offers live visibility into active sessions for immediate response.
- **Scalable Deployment:** Available in flexible VM configurations (2 vCPU / 4–16 GB RAM).
- **Fully managed service:** Jio manages updates, patching, and monitoring to reduce operational load.

What You Gain

- **Secure administrative access**
Manage private resources safely without internet exposure.
- **Reduced risk**
Direct all remote access through a single, audited, and hardened gateway.
- **Stronger protection**
MFA and RBAC prevent privilege misuse and unauthorised entry.
- **Simplified oversight**
Centralised visibility and control streamline access governance.
- **Improved compliance**
Detailed session logs meet regulatory and audit requirements.
- **Cost-effective security**
Enhance protection without major infrastructure spend.



Use Cases in Action

Challenge

A bank needed secure admin access to its private cloud servers without exposing them online. Direct SSH access was risky, auditing was weak, and compliance required detailed logs.

Solution

Jio Bastion was deployed as a centralized gateway with MFA, role-based access, and full session logging.

Result

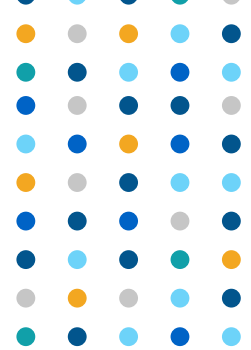
By deploying Jio Bastion Host, the enterprise achieved stronger security and operational efficiency. Servers were completely isolated from the public internet, full audit trails ensured compliance readiness, troubleshooting became faster and more secure, and centralized control significantly reduced administrative effort.

Target Audience

- Cloud & Infrastructure Operations Teams
- Security & Compliance Officers
- DevOps & Platform Engineering Teams
- IT Administrators and System Engineers
- Enterprises in Finance, Healthcare, and Government managing sensitive workloads

Why JioCloud

- **Integrated Security Ecosystem**
Seamless integration with Jio's enterprise cloud and network services for end-to-end protection.
- **Enterprise-Grade Compliance**
Designed to meet both Indian and global data security and audit standards.
- **24x7 Local Support**
Dedicated enterprise support and managed operations with defined SLAs.
- **Scalable & Customizable**
Flexible VM configurations (2 vCPU / 4–16 GB RAM) suited to your workloads.
- **Trusted Enterprise Partner**
Backed by Jio's secure cloud infrastructure and proven enterprise expertise.



Ready for Secure and Simplified Administrative Access?

Reach out at jpl.cloudsales@ril.com or visit ([website](#)) to get started with **Jio Bastion Host** — your gateway to safe, compliant, and centrally managed access.

