# ELIMINATE VENDOR LOCK-IN WITH OPENSTACK BASED CLOUD-IN-A-BOX SOLUTION

Reaping the benefits of cloud is on every enterprise's wish list but cost concerns in building a private cloud using commercially available solutions often come in the way. OpenStack cloud framework offers the ability to create and manage private clouds without the lock-in requirements of proprietary cloud platforms. However, the key challenge in OpenStack deployment is managing a collection of disparate services from several open source projects.

## HOW WE HELP

Microland's Cloud-in-a-box solution (see Figure 1) facilitates seamless adoption of OpenStack based private cloud, to enhance flexibility, reduce licensing costs, and protect sensitive data.

It is a pre-configured, pre-tuned and pre-tested private cloud for in-house development and testing with rapid infrastructure provisioning. We configure and customize a complete solution including deployment of OpenStack components and their integration with workflow engine and other open source systems, such as Chef and Puppet.

### Microland's OpenStack Services

**Design & Build OpenStack-based Private Cloud**

Design and implement private cloud across key cloud platforms that offers agility, scalability and manageability of the OEM-based product into an open source OpenStack solution with features including

- HA and multi-node deployment of OpenStack components
- Provisioning of IaaS services leveraging compute, storage and network components
- Deployment of telemetry for utilization reporting

**Cloud-in-a-box**

Eliminate design, testing, and troubleshooting efforts to set up a development / testing cloud and accelerate deployment through end-to-end support:

- High availability and optimum performance
- Scalable and elastic architecture
- Application Stack-as-a-Service
- Optimum user experience with self service portal
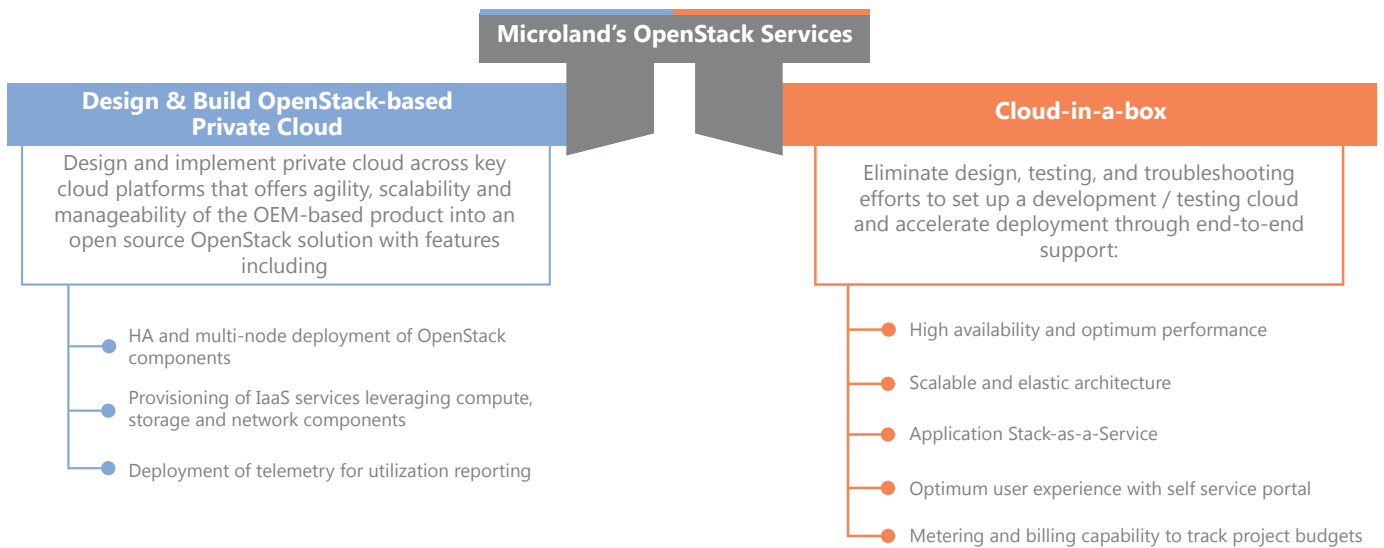- Metering and billing capability to track project budgets

Figure 1: Microland's OpenStack Services

## WHAT YOU CAN EXPECT

Leverage Cloud-in-a-box to deploy OpenStack based Infrastructure-as-a-Service (IaaS) environment and enjoy outcomes including:

- **Quick provisioning:** Self-service portal reduces resource procurement time from months to minutes thereby eliminating long approval cycles.

- **Containment:** Automation layers controls resource sprawling by auto de-provisioning and reduces tear-down time.

- **Re-usable templates:** Save and share configurations through re-usable templates, thereby reducing time and effort.

- **One-click stack deployment:** Easily deploy and configure a complete development/testing/ production stack comprising all required server components such as app, web, and database server using pre-defined templates from a service catalogue.

- **All infrastructure components as a service:** Facilitates automated provisioning of IaaS, Database-as-a-Service (DBaaS), Storage-as-a-Service (SaaS), and Network-as-a-Service (NaaS).

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## WHAT SETS US APART

Microland's Cloud-in-a-box solution helps reduce Capital Expenditure (Capex) and Total Cost of Ownership (TCO), enhances business agility, and eliminates vendor lock-in. Our key differentiators include:

**Service-Led IT framework:**

- Our unique approach to delivering IT-as-a-Service

(ITaaS) enables us to standardize delivery and align it to your business goals, ensuring sustainable growth.

**In-depth experience:**

- Our skilled professionals bring vast experience in designing and implementing private cloud environments across key cloud platforms.

**For more information, log on to www.microland.com**

**About Microland**

Microland is a leading Hybrid IT Infrastructure Service Provider and a trusted partner to enterprises in their IT-as-a-Service journey. Incorporated in 1989 and headquartered in Bangalore, India, Microland has more than 3,400 professionals across its offices in Europe, Middle East, North America and India. Microland enables global enterprises to become more agile and innovative through a comprehensive portfolio of services that addresses hybrid IT transformation, workspace transformation, service transformation and end-to-end IT infrastructure management.

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