



# Managed OpenStack as a Service





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## The market scenario

To be agile and cost effective, enterprises are transforming their IT infrastructure by adopting Cloud computing technologies. Many large enterprises have already adopted OpenStack-based software, an Open Source Cloud operating system, for their internal Cloud implementations because of its cost effectiveness, scalability, innovation, security and flexibility.

Many global financial institutes going through their digital journey have adopted and invested in OpenStack for their infrastructure agility enabling them to rapidly digitize their services. Large media and telecom companies similarly

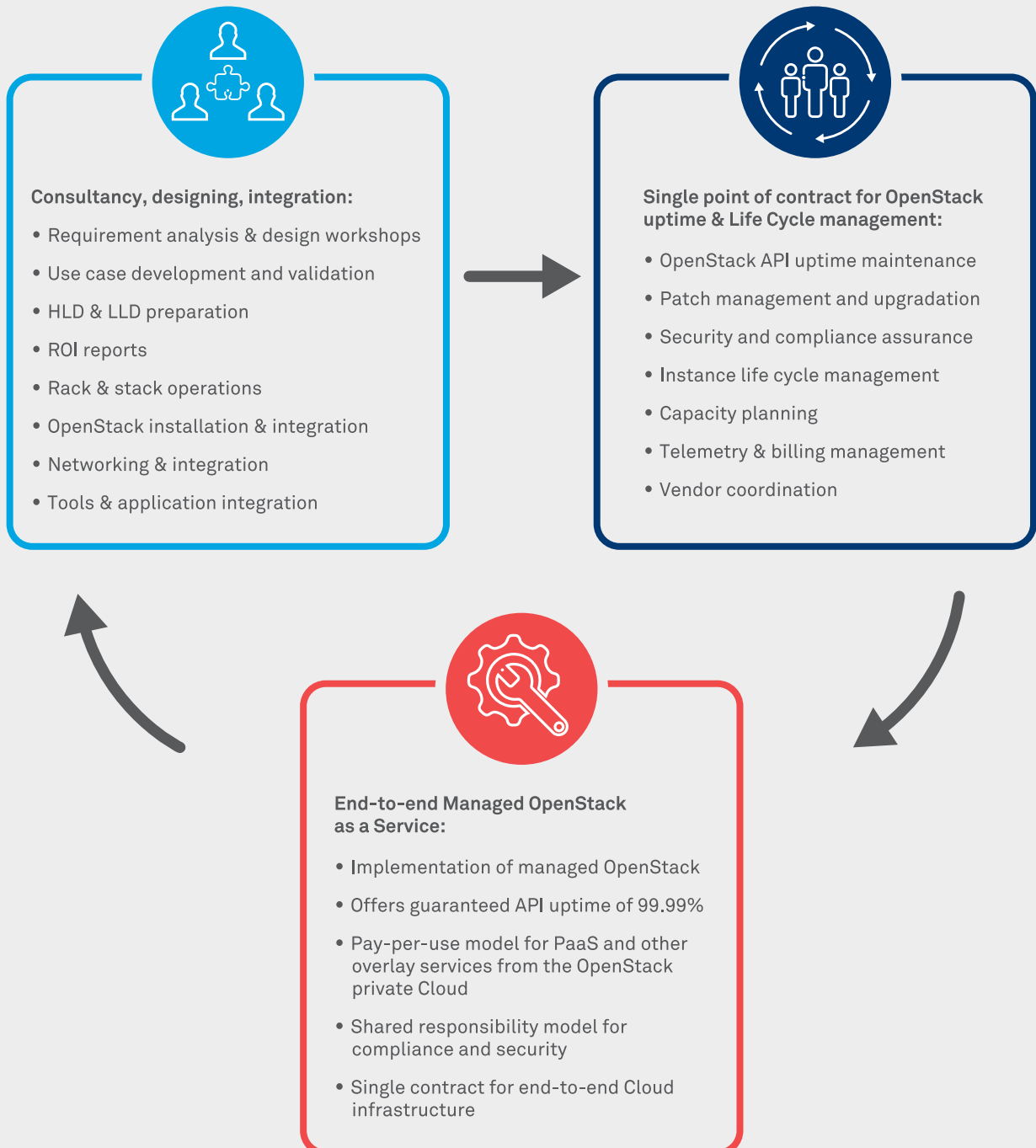
have invested in this platform where they are looking at ways to improve customer's digital lives. Enterprises looking to implement Big Data, containers, PaaS, etc., are looking at OpenStack as the platform for their infrastructure automation.

OpenStack is not only getting adopted across enterprise consumers, but also service providers and is becoming the de facto standard for Open Source-based in-house clouds. Based on many interactions with customers, we are seeing a real shift in demand for OpenStack services that has moved from implementation services to fully managed OpenStack services.

## Wipro's solution

Considering our rich heritage of running large and complex customer operations in a highly optimized way for more than three decades, managed services has always been Wipro's forte. Based on similar best practices we have developed Wipro Managed OpenStack as a service offering. It is a fully configured and operated OpenStack-powered private Cloud, deployable in our customer's secured data center. The service offered is based on a flexible delivery model providing optimized operational performance, productivity gains, reduced costs and adoption of best practices.

With this offering, Wipro provides 'the relevant services' as-a-service while at the back-end, leverages multi-skilled resources who are cross-trained on various critical technologies, providing a better TCO for customers. Coupling that inherent operational efficiency and learnings from our engagements, we can help accelerate digital transformation at the optimum value for enterprise customers. The services include:





## Business benefits

The solution enables customers to use OpenStack based private Cloud without having to worry about monitoring it, maintaining it, or upgrading it. It provides a production ready Cloud in weeks and with a zero overhead associated

with a DIY OpenStack cloud. It enables you to focus on your core business and priorities while Wipro manages your OpenStack platform. It provides:

**100 % OpenStack REST API Access compatible to Python client/SDK**

**Integration compatibility with any OpenStack-aware Hybrid Cloud Management (CMP) applications.**

**Capable of integrating with in-house DevOps automation tool chains**

**No hidden costs and predictable cloud expenditures**

**Add-on option for PaaS and XaaS services**

**Dedicated compute and storage for each of the accounts/projects**

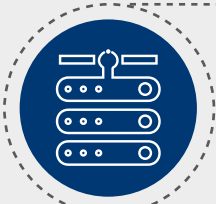
**Expandable to build a hybrid Cloud infrastructure**

**Comprehensive log management and secure access control**

**Addition of OpenStack components based on their operational readiness**

**24/7 support from Wipro Global Command Center**

## Value to customer



Wipro Managed OpenStack offers the fastest way to get a fully configured and deployed OpenStack- powered private cloud in a secured data center of your choice



Single point of contact and SLA for the Cloud infrastructure and network availability and API services



The customer is only responsible for their launched Cloud instances, application security and its functions



Wipro managed OpenStack provides compute, networking, storage, orchestration, user access and image management features



Wipro managed OpenStack offers bundles of hardware to support end-to-end orchestration



A large number of disk and container formats are supported along with many popular guest OS versions

## Success stories

For one of the large multi-channel media company in the Nordic region, Wipro built a hybrid Cloud infrastructure using OpenStack to enable the customer to orchestrate across multiple environments. This enabled the customer to achieve faster time to market and utilize Cloud's economy of scale for scalability and to adopt new generation of workloads.

For one of the large 'Video On Demand and Value added Provider for global MSOs', Wipro designed an OpenStack based appliance platform built on commodity hardware. The customer was able to reduce 'Deal to Operations' lead time by 70% and achieve near Zero 'Rollout' failure rate.

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