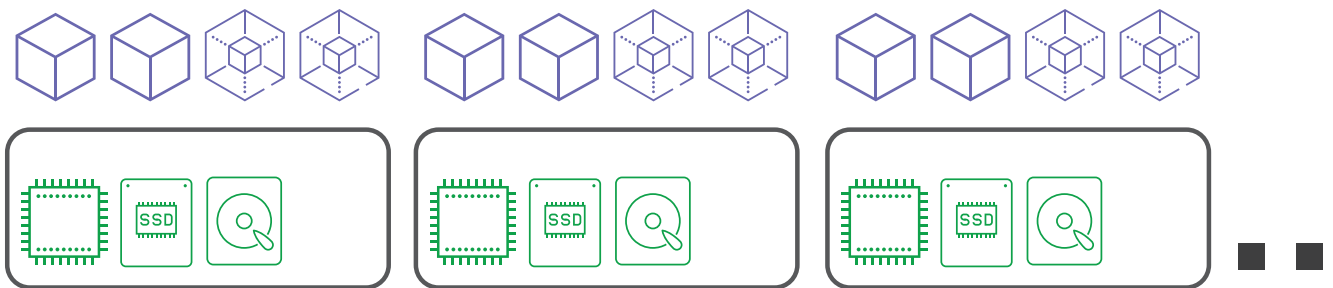


Hyperconverged Cloud

HIGH PERFORMANCE BUILT IN

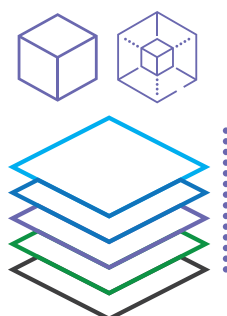
OVERVIEW

Hyperconvergence technology tightly couples virtualized compute and storage at a node level and scales out as capacity need increases. The controller and worker functionalities are spread out evenly across all nodes, that provides balanced operations, avoids any single point of failure with high business service uptime.



ARCHITECTURE

By coupling compute and storage closer on the same node, the access time delay for data movement from storage to compute engine reduces multifold. Reduction in storage access time, storing data on Solid State Drives with higher IOPS provides rich dense cloud with larger workloads with towering performance.



Workloads - VM, Container, Baremetal
 Management, automation
 Cloud platform
 Hyperconverged SDS Cluster
 Operating System, Kernel
 Hardware layer

BEST OF BOTH WORLDS

Hyperconvergence technology provides end to end better quality of service and end user experience. By using software defined scale out storage backend, it allows customers to expand infrastructure in a modular way to a larger scale. Cloud technology provides the ability to virtualize workloads as virtual machines or containers and run a scalable compute factory.

By deploying an entire software defined infrastructure, the IT function becomes a business enabler to provide services just in time, all the time.

SIMPLIFIED FOR YOU

Stackup has engineered Hyperconvergence and Cloud to work in tandem to a unified, robust product for Enterprises. Built on industry standard tech stack comprising OpenStack, KVM, QEMU, Ceph, hardened Linux OS, automation, suite of Operations Support System tools and management interface. Stackup has simplified the cloud technology, so that customers could relish running always ON business services in a large scale with reduced TCO.