

Build your On-premise Cloud for Half the Cost

Hive Fabric brings to market an industry first: an all-in-one software defined datacenter in an easy to deploy and manage platform. Hive Fabric installs on a wide range of x86 commodity hardware allowing customers to quickly and efficiently build out private clouds at significantly lower cost. Hive Fabric provides a platform to run and manage a wide variety of applications and services.



Hive Fabric is used across multiple verticals with diverse workload types including VDI, VSI, Grid Computing, and Big Data. Hive Fabric replaces expensive hardware, complex licensing, and vendor bloat with streamlined, distributed management that will predictively scale and auto heal.

Benefits

Hive Fabric: One Platform, Endless Possibilities

Simplicity

Hive Fabric provides a simple to deploy and easy to use software defined data center platform including the hypervisor, management, VM broker, gateway, storage acceleration, and orchestration. This removes the requirement for a multi-vendor strategy. The simple to operate platform is easy to pick up, provides a fast time to deploy, and results in significant OPEX savings.

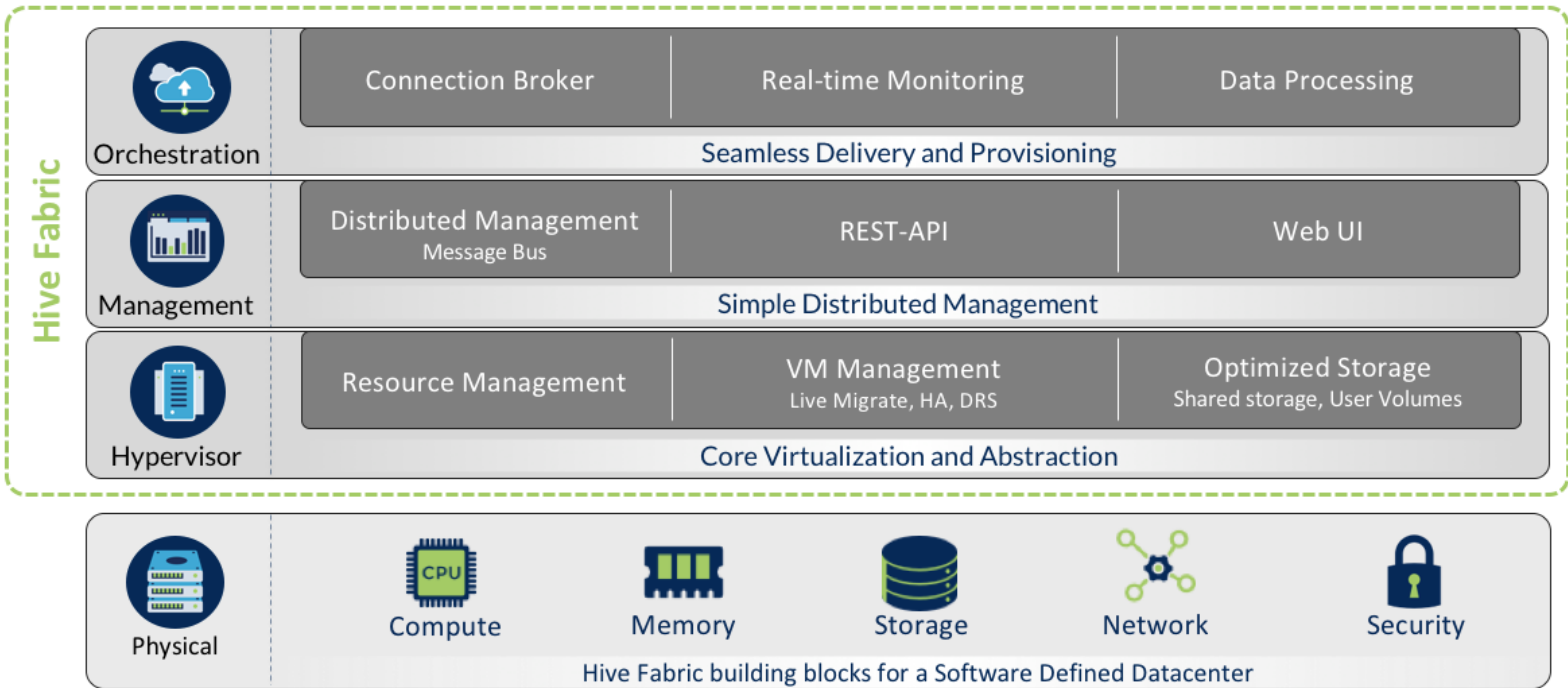
Scalability

Adding new storage, compute, and networking resources takes just seconds. Hive Fabric's unique Message Bus and distributed management capability enables the platform to scale up or out linearly. Grow the Hive Fabric cluster available to upstream VMs and applications by simply adding servers or resources. Inline performance monitoring and intelligent scheduling further enhances scaling of the platform.

Flexibility

Hive Fabric can build a single cluster from a heterogeneous set of servers, making it the ideal choice to maximize the ROI on existing x86 hardware in the datacenter. This coupled with a full REST-API allows for easy integration and automation, further simplifying management across the datacenter.

Hive Fabric Capabilities



Physical: Hive Fabric is a simple bare metal install from ISO or PXE server supporting a wide range of x86 hardware. A cluster is quick to build and can start from a single server and scale to hundreds of servers and beyond as the solution is put into production.

Hypervisor: Hive Fabric builds on the industry leading KVM hypervisor to virtualize and abstract the physical building blocks in the datacenter. With the lowest overhead of any hypervisor, you can expect improved density while maintaining highly performant desktops and servers for the applications and the users consuming them. VMs can migrate around the cluster to balance resource utilization, protect against failure, and simplify management. Security and Multi-Tenancy round out the capabilities of the core platform.

Management: The Hive Fabric Message Bus and distributed orchestration removes the overhead of maintaining additional VMs and infrastructure to manage the hypervisor. A full REST-API allows for easy extension and integration with third parties in a secure controlled manner. All of the functionality is available in a simple to use html user interface.

Orchestration: The Connection broker replaces third party solutions to manage and distribute desktop VMs to users providing dramatic cost savings. Tens of thousands of desktops can be managed in a single cluster being carved up any way the admin desires, whether into pools for geographic locations, business units, or any other segmentation relevant to your organization. Each pool of VMs can have their own resource allocation and security policy applied for users connecting to their VM. Personalization is saved through our implementation of User Volumes allowing settings and documents to seamlessly move between VMs.