Hive Fabric - Community Edition (CE)

Through Hive Fabric, HiveIO enables customers to deliver virtual desktops, virtual servers, application server pools, and software defined storage in a single install on any x86 commodity infrastructure. No specialists required.

HiveIO has combined an Intelligent Message Bus, with innovative engineering, and a unique user interface, to develop the Hive Fabric virtualization solution, from the ground up.

What is included in Hive Fabric?

Customers save CAPEX by extending the life of existing hardware or deploying on commodity x86 infrastructure. Customers can focus on innovating for their business by redeploying specialists, and engaging generalists to support their virtualization platform.

Hive Fabric CE enables customers to deploy Hive Fabric and make use of extensive functionality free of charge in order to evaluate the Hive Fabric Intelligent Virtualization Solution. Hive Fabric CE functionality includes:

- Access to the industry's only In-Memory Primary Storage solution
- Deploy and consume local storage
- Consume external NFS storage
- Deploy unlimited virtual machines across a single Hive Fabric host.
- Access to Hive Fabric's unique User Interface to deploy, manage, and maintain storage, virtual servers, and virtual desktops

The Hive Fabric CE license is perpetual and can be used for a single physical server. Once the initial evaluation is complete, users can easily upgrade to the full version of Hive Fabric. There is no limitation on the amount of external storage that can be consumed, or the amount of RAM or local storage that can be deployed within the single server.

Hive Fabric CE Functionality Overview

The table below details the differences in functionality between Hive Fabric - Core, Hive Fabric – Enterprise, and Hive Fabric CE. Should you wish to upgrade to one of the full versions of Hive Fabric, a new license key will be provided to unlock the full functionality. No new installation is required.

HiveIO Licensing Options

Hive Fabric Community	Hive Fabric Core	Hive Fabric Enterprise
Best with individuals or organizations evaluating the Hive Fabric platform.	Best for organizations that rely on Virtualized Server Infrastructure (VSI).	Organizations interested in advanced virtualization features (VDI, VSI, HCI).
Free for use Licensing	CPU Core Licensing	Fit for purpose Licensing
✓ Unlimited VM's ✓ Free for use ✓ Pay as-you-go support	✓ Clustering ✓ Live migration ✓ Backup / Restore ✓ Cluster Resource Scheduling (CRS) ✓ Connection Broker ✓ 24/7 Support	**Hive Fabric Core +** ✓ Hyperconverged Storage ✓ Secure Remote Access Gateway ✓ Guest / Application Pools ✓ Broker External Guests ✓ Template Management ✓ User Profile Management ✓ Included 2FA with MFA Integration ✓ 3rd - Party Integration ✓ Additional Licensing Options

All Hive Fabric licenses enjoy the following:

✓ KVM based hypervisor
✓ Accelerated RAM Storage
✓ Cloud, Object, Block, and Network storage
✓ Storage Migration
✓ Role Based Access (RBAC)

✓ Migration Tools
✓ Email Alerts
✓ Hive Sense
✓ Web Based Management
✓ Management Utilities (CLI)
✓ REST API

FAQ

Some of the most frequently asked questions concerning Hive Fabric are listed here.

Q In creating VDI, what is the order of operation to follow to create a desktop pool?
   a. This is outlined in detail in *Hive Fabric CE Desktop Pool Creation*, but in general the order is to create Realm, Profile, Template, Pool.

Q Should I use Legacy or UEFI boot options for Hive Fabric CE?
   a. Hive Fabric supports either of these boot methods but beginning with Hive Fabric 8.5.3 HiveIO requires UEFI boot.

Q Can I use existing storage from my SAN with Hive Fabric CE?
   a. If using a hardware HBA, Hive Fabric CE will see it as a local disk, and you are able to leverage the SAN storage. For software-initiated storage, NFS is best practice.

Q I have installed Hive Fabric CE and am accessing the https://<ip-address>:8443 management UI, but am being prompted for a license key. What should I do?
   a. Send an email to ce_registration@hiveio.com with the Cluster ID. You will receive the license that is valid for that specific Cluster ID.

Q How do I create a Virtual Machine on Hive Fabric CE?
   a. Use the Virtual Machine wizard from the add menu (+), follow the same guidance as given in the document *Create a virtual machine*.

Q How do I add/remove CD-ROM to my guest VM's?
   a. To remove the CD-ROM from the VM configuration (attached at build time); shutdown the VM, use the Edit option and remove the CD-ROM, save the configuration, Refresh VM option from the Actions menu.
   b. With the VM selected in the administrative UI, use the Actions menu to Mount/Eject a CD Rom.

Q What is the process for importing a VM from a different hypervisor platform?
   a. From the main UI page (Visualizer), select the Storage Pool that contains the foreign VM disks and select Convert Disk from the Action menu. You can convert disks of Xen, VMware, Hyper-V, and QEMU into disks for use in Hive Fabric. Once converted, the a VM can be built using an Existing Disk (the one just converted).
   b. Please note that you cannot browse subfolders on a storage pool currently, so disks need to be at the root of the Hive Fabric Storage Pool.