NetFire
Secure. Stable. Managed.

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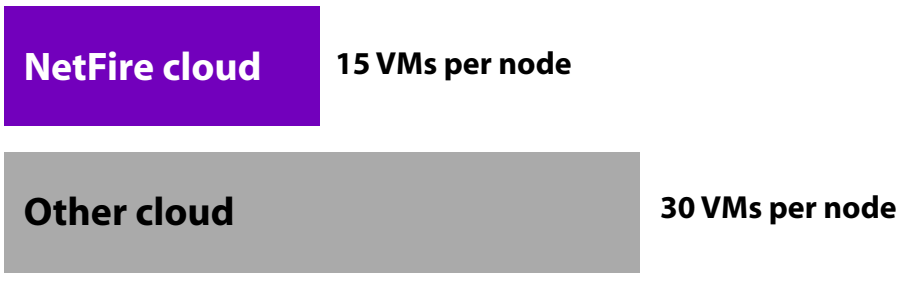
Cloud Storage Infastructure

Nearly all cloud service providers reliable on a single traditional centralized SAN / storage server to serve virtual machines with file systems. This not only creates a single point of failure by relying on just one set of hard drives that are arranged into one RAID array, but it also has a huge performance impact and is not scalable. Centralized SAN hardware is built using commodity hardware that is not only expensive but also generally requires a 10Gbit Fiber network to achieve an acceptable level of performance. These initial build and setup costs are passed onto you, the customer.

In todays world, value for your money plays a huge role in every company budget when planning a cloud infastrucutre. NetFire builds extremely cost-effective cloud storage by using a distributed SAN architecture combing large capacity and extremely reliable MLC SSD drives on each of our hypervisor servers. Thanks to this intuitive system, we are able to host multiple copies of the same data as well as do RAID-type striping across multiple hypervisor nodes in our network. We are able to achieve exceptional performance even in a bonded gigabit environment and don't have to overpay for 10Gbit Fiber where it is not necessary. By not having to build traditional centralized SANs and invest into 10Gbit Fiber, we are able to pass these savings onto you, the customer. In turn we are able to invest our money into additional hypervisor nodes to insure every customer has the level of performance they except.



VM (virtual machines)
Lower number of virtual machines per node is better

Fact: NetFire's network-based intrusion detection system (NIDS) has the ability to perform real-time traffic analysis and packet logging on Internet Protocol (IP) networks. NetFire's NIDS system can is primarily used to detect probes or attacks, including, but not limited to, operating system fingerprinting attempts, common gateway interface, buffer overflows, server message block probes, and stealth port scans.