



# RED HAT ENTERPRISE LINUX ADVANCED PLATFORM

## RED HAT GLOBAL FILE SYSTEM

### CLUSTER STORAGE AND MANAGEMENT WITHOUT THE HIGH COST OF VERITAS

Why add an expensive cluster file system when it's already built right in?

#### OVERVIEW

Red Hat® Global File System (GFS) has unprecedented application performance and scalability – whether you're serving files or web pages, running databases, or hosting complicated technical applications. Red Hat GFS scales to hundreds of servers and terabytes of storage with cost-effective, high performance “scale out” architectures (rather than expensive “scale up” architectures). Because of this flexibility, we can eliminate the scalability limits of traditional IP-based shared storage solutions, achieve significant cost savings, and simplify data management.

LINUX

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RED HAT  
ENTERPRISE LINUX 5  
ADVANCED PLATFORM  
with BUILT IN  
STORAGE MANAGEMENT

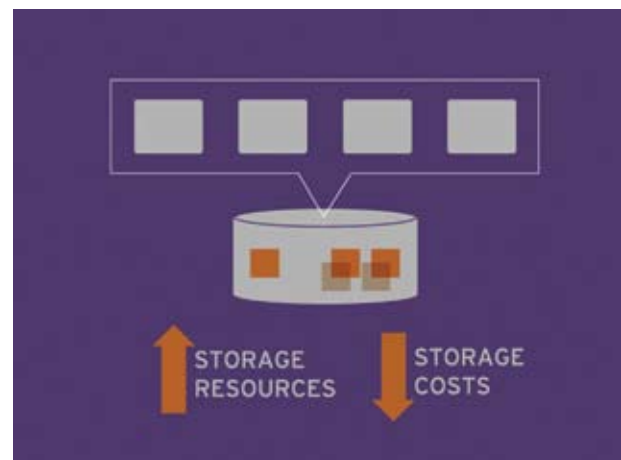
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3rd Party Solution  
Veritas - Cluster Server

**\$1,500/server**

### CLUSTERING WITH RED HAT GLOBAL FILE SYSTEM

Red Hat Global File System is an open source, POSIX-compliant cluster file system and volume manager that works with Red Hat Enterprise Linux® servers attached to a storage area network (SAN). It is certified on all major server and storage platforms supported by Red Hat. Red Hat GFS is the leading cluster file system for Linux with the most complete feature set, widest industry adoption, broadest application support, and best price/performance ratio of any Linux cluster file system today.

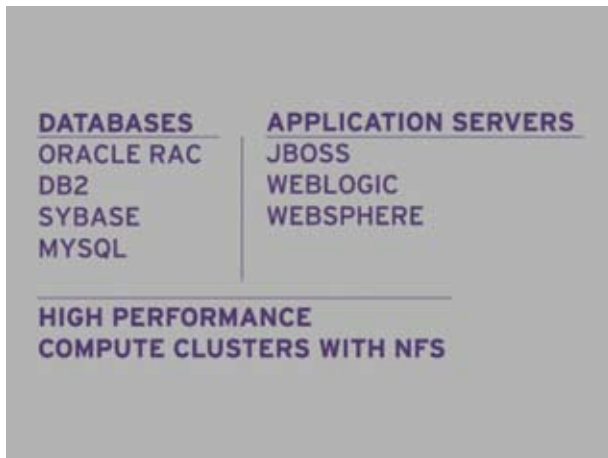


Red Hat Enterprise Linux servers running GFS are able to simultaneously read and write to a single shared file system on the SAN, reducing the complexity and overhead of managing redundant data and greatly improving performance. Red Hat GFS has no single point of failure, is incrementally scalable from one to hundreds of servers, and works with all standard Linux applications.



## RED HAT ENTERPRISE LINUX ADVANCED PLATFORM

Red Hat GFS is integrated with Red Hat Enterprise Linux Advanced Platform<sup>1</sup> and distributed through Red Hat Network.<sup>®</sup> This simplifies software installation, updates, and management. Applications such as Oracle<sup>®</sup> 9i RAC also become easier to manage and achieve higher throughput and availability with Red Hat GFS.



<sup>1</sup> Red Hat Cluster Suite and Global File Systems (GFS) are included in Red Hat Enterprise Linux 5 Advanced Platform. They are still layered offerings for Red Hat Enterprise Linux 3 and 4.

All Red Hat Enterprise Linux Advanced Platform components work seamlessly as one solution. When changes are needed, Advanced Platform updates are rigorously tested before being released. Updates for all parts of Advanced Platform are guaranteed for the life of the subscription.

There is no need to synchronize Advanced Platform updates with third-party software updates. No worries about third-party vendors abandoning or radically changing their software. And fewer vendors means less time spent talking to support trying to isolate which vendor is responsible. This translates directly into reduced outage time and faster deployment.

## CONCLUSION

Grid and high performance computing is a growing application area where Linux can have significant impact. Red Hat GFS can share data among Red Hat Enterprise Linux servers, improve application performance for I/O and storage intensive application software, remove unnecessary data copying, and ensure continuous data availability.

Red Hat GFS – combined with SAN technology – can solve the data and I/O requirements of the largest grid computing clusters in production today.

## RED HAT SALES AND INQUIRIES NORTH AMERICA

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