



RED HAT ENTERPRISE MRG

MESSAGING, REALTIME, GRID

INTRODUCING RED HAT ENTERPRISE MRG

Red Hat Enterprise MRG integrates messaging, realtime, and grid technologies into a next-generation IT infrastructure that is 100-fold faster and highly interoperable. It gives customers a competitive advantage by running applications and transactions with greater performance and reliability.

By integrating messaging, realtime, and grid technologies, Red Hat Enterprise MRG provides enterprises with a revolutionary foundation for high performance distributed computing for everything from SOA to virtualization to cloud computing to bare-metal mission-critical applications.

RED HAT ENTERPRISE MRG:

- Messaging that is up to 100-fold faster and implements AMQP, the first open messaging standard for interoperability.
- Guaranteed, fast response times.
- Schedule to local grids, remote grids, and rented cloud infrastructure; and cycle-steal from idle PCs to use all available computing resources.
- Reduced complexity and breakthrough value - As an integrated platform, Red Hat Enterprise MRG vastly simplifies the deployment, management, and architecture of enterprise IT architecture while significantly increasing its functionality, performance, and value.
- Deterministic performance - MRG Realtime provides the highest levels of predictability for consistent low-latency response times to meet the needs of time-sensitive workloads.
- Deterministic low-latency messaging - The combination of realtime and messaging enables messaging with highly deterministic response times and reliably low latency.

- Scalable computing power and resource utilization - Schedule any workload to local grids and remote grids, cycle-steal from desktop workstations, and dynamically provision and schedule work to cloud-based infrastructure like Amazon EC2. MRG also supports virtualization to harness any available resources for various jobs.
- Messaging-based reliable, low-latency job scheduling - By leveraging MRG's messaging and realtime components, MRG Grid can reliably schedule and execute jobs in less than a second.
- Unified management - Red Hat provides a unified management platform with a Web-based console, command-line tools, and API's across the entire MRG platform—greatly simplifying the complexity of managing distributed computing.

Red Hat Enterprise MRG is a new subscription offering from Red Hat. It is highly optimized for and yields groundbreaking performance on Red Hat Enterprise Linux, but MRG also supports other platforms.

ADDITIONAL INFORMATION

For additional information on Red Hat Enterprise MRG, visit <http://redhat.com/mrg>.