Red Hat® Linux® ENTERPRISE EDITION optimised for Oracle8*i*™

Technical Features

Red Hat Linux Enterprise Edition optimised for Oracle8*i* is the premier database/open source solution for e-business and enterprise computing. Today's high speed, Internet-centric businesses require a highly available technology infrastructure that is scalable and reliable to meet ever increasing growth in user demand.

Red Hat® and Oracle® have combined technologies to deliver a feature-rich, tightly integrated solution, ideal for department-level and mid-market organisations that need to deploy e-business and other data-centric initiatives — bringing together the open standards that yield faster development cycles with the proven, tested technologies that IT professionals have come to expect from Red Hat and Oracle.

Oracle Certification

Enterprise Edition for Oracle8i has been thoroughly tested and approved under Oracle's rigorous certification process. Oracle certification ensures the highest standards of quality and full compatibility with Oracle's industry-leading products.

World Class Support

Red Hat offers top quality support for customers around the globe. Our broad network of channel partners are available to provide and install your software, closely backed by Red Hat's expert support team. Included with every copy of Enterprise Edition for Oracle8i is one-year of technical support (per system, standard hours). Other support options include advanced configuration support, on-site consulting, developer training and certification, and priority access updates. Our service centres around the world ensure that you receive the quality resources you need to meet your localised requirements.

Key Features

Symmetric Multi-Processing (SMP): This feature enables application scalability by making use of more than one processor per server.

160MBps SCSI Support: Support of the new 160MBps SCSI standard allows your servers to sustain tremendous I/O loads, resulting in improved data transfers, and backups, and better overall system responsiveness.

Hardware RAID Support: Hardware RAID is supported in the Enterprise Edition for Oracle8*i*. The ability to use RAID controllers from leading vendors such as AMI and DPT, enables you to use the existing storage technologies available in your environment today.

System Run-time Environments: The Linux kernel is both highly tunable and flexible through the use of kernel variables. The kernel makes extensive use of the modules for device drivers, allowing many hardware settings to be set at run time. For instance, system administrators can now increase the number of buffers reserved for a tape drive and to speed up system backups. Other operating systems require changing the system run-time environment which can be very time consuming.

Large Files: Enterprise Edition for Oracle8*i* delivers the power to run large-scale Oracle database installations. Red Hat's 64-bit file I/O allows access to files greater than 2GB in size. By maintaining a single database instance, system administration and maintenance requirements are reduced.

Maximized Oracle Database Server Performance: Enterprise Edition for Oracle8*i* is configured to allow physical access to 4 gigabytes of RAM. In an Intel environment this enables the maximum supported RAM to be used. The traditional Linux configuration only utilizes 1 gigabyte of RAM. This feature is especially important for databases, which are RAM- and disk-intensive.

Raw I/O: Enterprise Edition for Oracle8*i* includes raw I/O. This feature reduces operating system overhead in data-centric processes, allowing Oracle to access databases directly. Working at the machine level rather than the CPU level reduces CPU overhead, which enables faster data access and allows a more efficient use of memory.

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Technical Features (c o n t i n u e d)

Certified Java Support: Enterprise Edition for Oracle8*i* offers Java client-side implementation to be certified on the Oracle/ Linux platform. This creates a major opportunity for those looking to deploy Oracle on Java-compatible systems other than Windows. Oracle certification ensures Red Hat users get a stable, reliable Java environment and an open, economical alternative.

Motif 2.1 Integration: Enterprise Edition for Oracle8*i* includes integration of Motif 2.1. The widely used Motif GUI facilitates the development of applications across heterogeneous, networked computing environments, protecting valuable investments in software and user training.

Rich Development Environment: Enterprise Edition for Oracle8*i* provides a robust development environment with every copy of the operating system — at no additional cost. Standard tools such as C, C++ and Perl, are included. Red Hat integrates its tool set with Oracle libraries, enabling you to quickly create new database applications. If desired, many other tools are also available free of charge from the innovative and enthusiastic Linux community.

Scalability: Linux has inherent scalability that outperforms most other popular operating systems. Red Hat has tuned its Enterprise Linux kernel to optimise scalability for CPU-intensive applications typically found on the Oracle platform. The result is efficiency gains of up to 90% in the maximum Intel configuration. You experience greatly improved database response while leveraging a cost-effective hardware platform. This capability is particularly attractive for clustered server Web and e-business environments.

Remote Management: System administrators can efficiently administer multiple machines from remote locations. With the increased popularity of system co-location, this allows corporate systems administrators to effectively run and manage their systems without having to be on-site.

Easy Migration from UNIX: Linux' roots are in UNIX. The UNIX command structure and administrative framework allow for easy migration to a Linux solution from existing UNIX base deployments — without significant retraining or recoding.

Exceptional Price/Performance: Enterprise Edition for Oracle8*i* is certified on Intel-compatible hardware such as Compaq, Dell, Hewlett-Packard, IBM and other leading systems. Intel-compatibles offer a highly cost-effective platform that is already standard in many organisations. System administration and hardware costs are all kept to a minimum. The combination of this powerful software solution on standard hardware yields an excellent price/performance.

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is **available now** through our **network of distributors** and **value added resellers**.

To locate a representative in your area, contact:

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