Software Product Description

PRODUCT NAME: **HP Reliable Transaction Router Version 5.1**   **82.33.05**
                       Linux Frontend

DESCRIPTION

HP Reliable Transaction Router (RTR) is fault tolerant transactional messaging middleware used to implement large, distributed applications using client/server technology. This version of Reliable Transaction Router enables enterprises to deploy distributed applications on Linux frontend/client systems. On the Linux operating system, only the client tier is supported.

On the Linux operating system, RTR can be used as a frontend (that is, for client support) in an RTR application network. It is used in conjunction with RTR backend and router nodes running on other supported operating systems to create a distributed, fault-tolerant application network.

License Types

Reliable Transaction Router for Linux Frontend has one frontend license type. RTR is not supported or licensed on Linux in a backend or router role.

The Frontend license provides client application functionality only.

Frontend Features

- Provides the ability for the client to start transaction branches, where the global transaction may be controlled by RTR.

- Provides the necessary environment to run Reliable Transaction Router client applications under Linux as part of a Reliable Transaction Router application network (facility).

- Provides client functionality in a production environment.

- Uses HP TCP/IP IPv4 as the underlying network transport.

- Supports transactional and broadcast (nontransactional) messages.

- Supports router load balancing in a facility.

- Supports automatic router failover in the event of a communication link failure.

- Supports Reliable Transaction Router system management operations.

HARDWARE REQUIREMENTS

- For frontend functionality, any Intel 32 system that runs Redhat Enterprise Linux WS Version 3.0.

- Disk space requirement: 22 MB[1]

- Memory requirements: 5.8 MB[2]

SOFTWARE REQUIREMENTS

- Redhat Enterprise Linux WS Version 3.0.

- TCP/IP as provided by the operating system.

- At least one HP Reliable Transaction Router Backend license for a supported operating system for application deployment.

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[1] This count refers to the minimum disk space required on the system disk. The size is approximate; actual size may vary depending on the user's system environment, configuration, and software.

[2] Basic memory requirements for an unconfigured RTR Application Control Process (RTRACP). Additional memory may be required depending on the RTRACP operating system environment.

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OPTIONAL SOFTWARE

- Remote execution software to support system management from remote nodes.

- Microsoft-supported Windows-based browser for system management running on a Windows PC: Internet Explorer Version 5.01, 5.5, 6.0.

Reliable Transaction Router client applications can be written using the RTR C or C++ APIs and compiled using the C or C++ compiler that comes with the Linux systems on which RTR is supported.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

The software and documentation for Reliable Transaction Router are available on CD-ROM.

ORDERING INFORMATION

RTR for Linux Frontend

Frontend Software License, Software on CD-ROM and Documentation: QB-73AAA-SA

Frontend Software Per Core License: QM-73AAA-AA

Hardcopy Documentation: QA-4BTAA-GZ or BA416MN

Ordering Software Licenses

This software is furnished only under a license.

HP Reliable Transaction Router for Linux Frontend is licensed per core (PCL) with one license required for each active physical processor in the system or hard partition. If additional processors are later added to the system or hard partition, each requires an additional Per Core License (PCL).

SOFTWARE PRODUCT SERVICES

A variety of service options are available from HP. For more information, contact your HP account representative or distributor. Information is also available on www.hp.com/hps/software.

SOFTWARE WARRANTY

This software is provided by HP with a 90 day conformance warranty in accordance with the HP warranty terms applicable to the license purchase.