

HP NonStop RDF Software Implementation Service



NonStop Remote Database Facility software promotes continuous application availability.

Ensuring data integrity and recoverability in the event of a disaster is crucial to doing business in today's competitive marketplace. By dynamically maintaining a backup production database, the HP NonStop Remote Database Facility (NonStop RDF) product is a key contributor to your disaster recovery strategy. By reducing downtime caused by planned or unplanned outages, NonStop RDF software promotes continuous application availability.

NonStop RDF consultants have the knowledge and practical experience to help you formulate an effective NonStop RDF software implementation plan and to assist in the execution of the plan. Working as a team, the NonStop RDF consultant and your staff determine your remote database requirements. The consultant makes recommendations on system and communications bandwidth sizing, system and HP NonStop Transaction

Management Facility (NonStop TMF) configurations, and operational aspects to ensure that resumption of business applications on the backup node is accomplished with minimal downtime. The consultant also provides both hands-on experience and formal classroom training for your staff.

When the service is complete, you will have an implementation plan that outlines the steps necessary to install, configure, implement, and maintain an effective NonStop RDF solution that meets your requirements for application availability. You can choose to have the consultant aid your staff in putting your solution through a number of tests to ensure that the NonStop RDF subsystem is performing as planned. The consultant also will assist in incorporating the NonStop RDF management tasks into your operations environment.



A phased approach to implementation

The NonStop RDF Software Implementation Service is made up of five phases.

Phase 1: Technical evaluation

This phase usually starts with an overview of the product to stimulate discussions on how NonStop RDF software can be used in the specific customer environment. The NonStop RDF consultant correlates the functions of NonStop RDF software to your current requirements and future business needs. The consultant meets with your technical staff to discuss your applications and your expectations of the product, and gathers the necessary data to determine your requirements. This phase consists of four modules:

- Module 1: NonStop RDF product overview presentation
- Module 2: Technical requirements and data gathering
- Module 3: Data analysis and preparation of findings
- Module 4: Presentation and discussion of findings

Typically, Phase 2 is not scheduled immediately after Phase 1. Delay time is built in to allow the client to take action on items uncovered by Phase 1 and to create an estimate of the work remaining for the following phases. Phase 1 is structured to determine the success factor for the following phases during the first week.

Phase 2: Product and operations training

The NonStop RDF consultant conducts a formal half-day Transfer of Information (TOI) for your technical staff, providing a review of the NonStop RDF product and the detailed knowledge necessary to operate and manage the software environment. In addition to the TOI, the consultant conducts hands-on training in the installation and operations of NonStop RDF software. This phase is made up of three modules:

- Module 1: NonStop RDF TOI
- Module 2: NonStop RDF software installation
- Module 3: Hands-on operations demonstration and training

Phase 3: Implementation planning

The NonStop RDF consultant leads the project team in identifying the major tasks and procedures that will make up the implementation plan. This phase consists of the following modules:

- Module 1: Production implementation planning
- Module 2: Database synchronization strategy development (the most complex portion of the plan)
- Module 3: NonStop RDF monitoring strategy development
- Module 4: Configuration requirements review
- Module 5: Implementation project plan development
- Module 6: Implementation project plan review

Phase 4: Implementation activities (optional)

Once the implementation plan has been developed, HP Services can assist in the execution of the plan. The NonStop RDF consultant will aid your staff in installing, configuring, and starting the NonStop RDF subsystem for production. The consultant then performs a number of tests to ensure that the subsystem is performing as planned and assists in incorporating your daily system management infrastructure. This optional phase consists of five modules:

- Module 1: Verify bandwidth of HP Expand network
- Module 2: Configure NonStop RDF production environment
- Module 3: Review high-level operations procedures
- Module 4: Support NonStop RDF operations testing
- Module 5: Document NonStop RDF implementation activities

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Phase 5: Implementation of NonStop AutoTMF and NonStop AutoSYNC software (optional)

HP NonStop AutoTMF software can be installed to enable NonStop TMF transaction protection for Enscribe files that are currently nonaudited. In addition to increasing application performance, NonStop AutoTMF also enables NonStop RDF to replicate database changes to the target system. The NonStop RDF consultant will install and configure NonStop AutoTMF on both the primary and backup systems so that the backup system is ready to begin processing at any time.

HP NonStop AutoSYNC software can be installed to periodically move application support files such as object code, source code, obey files, define files, or similar nondatabase files to the backup node. These files cannot be audited and, therefore, cannot be replicated by NonStop RDF software, but they are required for the application to run on the backup node. NonStop AutoSYNC can also be used for infrequently updated database files such as a ZIP code file. NonStop AutoSYNC, NonStop AutoTMF, or both can be implemented at your option.

Service benefits

Upon completion of the NonStop RDF Software Implementation Service, you will have a step-by-step implementation plan for your production system that meets your business needs, with recommendations that ensure your NonStop RDF product installs properly and that proven system takeover procedures are in place. Additionally, your staff will have the skills and ability to perform the tasks needed to complete the implementation plan on your production system.

For more information

For more information on HP NonStop RDF Software, go to www.hp.com/go/nonstopcontinuity.

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