BrightStrand *NetBatch/DR*

Finally – Disaster Recovery Protection for HPE NetBatch Environments

Introduction

Users of HPE NonStop systems are by nature very familiar with the need for robust Business Continuity solutions. They have typically built an infrastructure to provide a swift switchover and disaster recovery (DR) of their critical on-line application(s) courtesy of HPE NonStop RDF, NonStop Shadowbase or other third party data replication products.

However, until now, there has been no *simple, automated* disaster recovery solution for the HPE NetBatch environment.

Technical challenges

HPE NetBatch provides several DR related challenges to be resolved:

- ***How to synchronise configuration changes from Primary to Backup system?***
  - System names are embedded in HPE NetBatch files
- ***How to takeover processing in the event of a disaster?***
  - How do you determine which jobs completed (and the results) on the Primary in order to restart HPE NetBatch processing at the correct point on the Backup system?
- ***Compatible with HPE NonStop AutoTMF (i.e. can be 'Prepared') , but…***
  - HPE NetBatch 'Warm' Start fails due to calls to FUP that are unsupported in a TMF audited environment

The Solution: BrightStrand *NetBatch/DR*

BrightStrand *NetBatch/DR* provides fully automated HPE NetBatch switchover to a Disaster Recovery system.

Features at a glance

- ✓ *Works in conjunction with HPE NonStop AutoTMF (pre-requisite) to allow HPE NetBatch to utilise TMF audited files*
- ✓ *Resolves the HPE NetBatch 'Warm' Start issue with TMF audited files*
- ✓ *Adjusts system names embedded in HPE NetBatch files to reflect the switchover / DR situation*
- ✓ *Supports multi-node HPE NetBatch environments where a scheduler controls batch operations on remote systems across Expand*
- ✓ *Supports triple contingency data replication environments*

Benefits

- ✓ *Improved switchover / DR performance by fully automating HPE NetBatch recovery on Backup system**
- ✓ *HPE NetBatch switchover / DR no longer 'a special case' - one less thing to worry about during a stressful, time-critical situation*
- ✓ *Rapid installation, test and deployment provides a quick return on investment*
- ✓ *Last known HPE NetBatch status from the Primary is available on the Backup system, including:*
  - ✓ Which jobs completed?
  - ✓ Which jobs failed?
  - ✓ Which jobs / job suites were in progress?*

No other HPE NetBatch switchover / DR strategy can provide these benefits (without significant custom effort).

* If manual intervention is currently required to recover HPE NetBatch failures in your environment, then this will still be the case. BrightStrand NetBatch/DR provides HPE NetBatch on a Backup system with the same information it would have available to it on the Primary system.

BrightStrand INTERNATIONAL MISSION CRITICAL SERVICES

BrightStrand INTERNATIONAL **NetBatch/DR**

Technical Specifications

Hardware	HPE NonStop server: HPE Integrity NonStop i, NonStop X or Virtualized NonStop Systems
Software	HPE NonStop operating system Release Version Update (RVU) H06.07 or RVU J06.03 or L.15.02 or later HPE NetBatch HPE NonStop AutoTMF (To 'Prepare' the HPE NetBatch objects and allow TMF Auditing of HPE NetBatch scheduler files) Data Replication Software (HPE NonStop RDF; HPE NonStop Shadowbase 5.001 or later) (Recommended) HPE NonStop AutoSYNC (as a mechanism to keep environmental files synchronised between Primary and Backup systems (e.g. Startup/Shutdown, BrightStrand NetBatch/DR object files)

Sales and Quotations **Tel. +44 141 204 4046** **sales@brightstrand.com** **30 day Evaluation Copies Available**

Hewlett Packard Enterprise

NonStop Tested

Virtualized NonStop
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NonStop i

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