

Instant Initialization in Action

Decreasing downtime for operational tasks

- Hardware configuration – Dell Precision 670
Dual Proc (x64) with Dual Core, 4 GB Memory
RAID 1+0 array w/4-142 GB, 15000rpm disks
- Software configuration: SQL Server 2005
 - With zero initialization
 - CREATE DATABASE with 20 GB Data file = **14:02 minutes**
 - ALTER DATABASE BY 10 GB = **7:01 minutes**
 - RESTORE 30 GB DATABASE (EMPTY Backup) = **21:07 minutes**
 - RESTORE 30 GB DATABASE (11GB Backup) = **38:28 minutes**
 - With instant initialization
 - CREATE DATABASE with 20 GB Data file = **1.3 seconds**
 - ALTER DATABASE BY 10 GB = **.4 seconds**
 - RESTORE 30 GB DATABASE (EMPTY Backup) = **5 seconds**
 - RESTORE 30 GB DATABASE (11 GB Backup) = **19:42 minutes**