VMware Mirage

Release Notes 3.7

Contents

Release Content

Currently an RC version was released. Official GA release is planned in few days.

All the release contents are listed, both new features and bugs.

Bold are Kone specific items (but almost all items are relevant to Kone environment).

- Don't fail upload on a single file – skip the problematic file and complete the upload with specific error.
  In certain cases, Mirage server fails to save a file on the server storage. That can happen for various reasons, mainly related to storage appliance limitations. In certain cases, the storage appliance does not support specific file names. For example, on a NetApp storage, it is impossible to create a folder named '~snapshot', as this is a reserved folder name for NetApp snapshotting mechanism. This behavior change introduced a configurable way to define certain errors that should not fail the whole transaction.

- **Revert back to XP should fully utilize endpoint local data – optimization of Revert from Win7 migrated machine to Windows XP.**
  A machine that undergone Win7 migration has Windows.old folder with the old XP machine still in it. In a revert to snapshot scenario back into WinXP, Mirage now knows to utilize all data from the Windows.old folder. For a low bandwidth branches, this will enable reverting back to WinXP in a very small network transaction from the server.

- Mass migration tools.
  Enable running mass migrations in batches. Input is a CSV file format with all required parameters

- **Batch Configure Branch Reflector.**
  Command line to configure (disable or enable) Branch Reflectors.

- AD authentication scalability improvement.
  Related to RBAC (Role based access control) mechanism.
- File corruption discovery – SIS integrity check as a background task – (feature is disabled by default).

Fixed Issues

Only major bugs are listed.

- Bug 7670 - U Profile Migration: User files on non-system volume are not accessible to the user.
- Bug 8296 - Auto-upgrade fails.
- Bug 8355 - Server upgrade sometimes fails with "Upgrading Mirage database failed".
- **Bug 8501 - RBAC: Cannot use AD group with number sign (#).**
- Bug 8564 - IOPS optimization for dedup and resume scenarios.
- Bug 8154 - Inefficient Active Directory queries for RBAC.
- Bug 7606 - Volume is unusable following incorrect user input during the server installation process.
- Bug 7831 - MODIFICATION_QUEUE_OVERFLOW after each reboot.
- Bug 8096 - Auto-upgrade failed with: Error 1310. Error writing to file: C:\Config.Msi\17eede5a.rbf
- Bug 8121 - Dry-Run Module Report table formatting is broken.
- Bug 8262 - Upload fails in a loop if SIS has zero-size entry.
- **Bug 8330 - Internal Error from MMC when using only numbers in the quick search in CVDs view.**
- Bug 8370 - Windows Recovery Environment may not be work after restore.
- Bug 8428 - Upload fails in a loop after ungraceful volume disconnect.