



OpenAFS for Windows Status Report

AFS & Kerberos
Best Practice Workshop
2009

Another Year Gone By ...

- 1.5.60 is the recommended release
 - 11 releases since Workshop 2008
- Continued improvements by OpenAFS
 - Many bug fixes
 - Performance improvements

Unicode Character Set

- SMB/CIFS protocol now Unicode only
- UTF-8 written to file servers
- Unicode normalization used for lookups

Improvements to Explorer Shell Integration

- SUBST drive letter support
- No more delays on Netware devices

Documentation Improvements

- Documentation in HTML Help
 - OpenAFS Admin Guide
 - OpenAFS User Guide
 - Windows Release Notes
- OpenAFS Man Pages replace the IBM Command Reference

CellServDB Info in the Registry

- Permits data to be pushed via Group Policy
- Can override values in CellServDB file
- Can force the use of DNS lookups

Support for Linked Cells

- CellServDB can describe two cells that are linked together. When linked:
 - Acquiring tokens for primary cell obtains tokens for the linked cell as well
 - Lookups in primary cell that fail will be retried in the linked cell.
- Uses:
 - Test cells that override specific volumes
 - Cell Renaming
 - Cell Splitting

Microsoft SMB Redirector Compatibility

- Many improvements in CIFS protocol compatibility
- Discovered several deadlocks in Microsoft's SMB redirector driver
- Microsoft HotFix for some of them
 - Server 2003 released last month
 - XP to be released this week
- Still more work to be done

Native Client Status

- Last year discussed architecture of a native client
- Planned on a December Beta release
- Kernel work by Peter Scott and Rod Widdowson (Kernel Drivers Inc.)
- During testing discovered architectural design weaknesses that would be very hard to support going forward.
- Plan to be able to start testing new architecture later this Summer

Got Questions About Windows?

- OpenAFS for Windows Status Reports available at
 - <http://www.secure-endpoints.com/>
- Mailing List
 - Developers
 - openafs-win32-devel@openafs.org
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