CIFS support in Solaris

Jiří Šašek
Oracle
Solaris 8

- Companion CD bundled Samba.
- Samba was not supported on Solaris 8.
Solaris 9

- SFW consolidation created in Solaris 9 for 3-rd party FOSS applications and it includes Samba.
- Applications bundled in SFW were supported by Sun on different levels of support.
- Last Solaris 9 update (update 9) contained samba 2.2.12
Later updates are delivered via patches. Latest Samba release is 3.0.37 with CVE-2010-2063 fix.

Samba in Solaris 9 does not support Active Directory.
Solaris 10

- Samba 3.0.4 released in GA
- Active Directory support and ACL support on ZFS released in update 4
- Samba daemons are under SMF(5) control since update 4
- Oracle Solaris 10 supports off-line files on SAM-QFS
- Oracle Solaris 10 update 9 contains samba 3.0.37 with CVE-2010-2063 fix
Oracle Solaris 11 Express

- Solaris Nevada is codename for development code stream originally started as Solaris 11 development.
- It is internally released bi-weekly as consequently numbered builds.
- Oracle Solaris Express releases are derived as Nevada branches.
- Latest update of Samba to release 3.5.4 is in build 147
- SAM-QFS support was moved to Samba VFS module.
- As addressed by PSARC/2006/715 completely new CIFS server project was introduced in build 77.
- Solaris CIFS server does not depend on samba bundle and vice-versa.
Oracle Solaris 11 Express

- CIFS client (smbfs – filesystem) was introduced in build 77 as addressed in PSARC 2005/695
- Oracle Solaris 11 CIFS-client code is derived from the Apple Darwin project, smb-217.2 code drop.
Q/A