



Contents of Athena Release 7.3

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Summary of Key Changes

- *dash* becomes the default when a user logs in
- modify *xlogin*, *login*, *quota*, *xquota*, *detach* and *xterm* to allow for more use of *afs* home directories
- move */usr/doc* and */usr/man* into *afs* lockers
- improved behaviors for kerberos ticket expirations (longer lifetime, new command: *renew*, warning in *dash*)
- better notification of servers going down
- stronger indication of forged/unauthentic ("fake") zephyrgrams
- enhanced password checking
- improved mechanisms for dealing with temporary home directories
- ability to query for mail without full login
- *xcluster* uses resizable window and adds option to find clients of certain type

Schedule

June 5	Draft of Release 7.3 Contents
June 30	CODE CUT for software submissions for the release
July 19	Begin "friendly test" (voluntary testers)
August 9	Begin "staff test" (IS staff w/Athena workstations)
August 23	Draft of System and User Release Notes ready
August 28	Distributed Systems starts release distribution
	Release 7.3 running on all public clients

Supported Clients*

These clients are supported in the "public workstation" model, whereby the Athena system also entails the installation and maintenance of the client operating system. This release does not support the layered installation of the Athena network services on a system where the user is responsible for the maintenance of the operating system.

Vendor	Model	Operating System
Digital	VAXstation II, 2000, 3100	BSD 4.3
Digital	DECstation 3100, 5000	Ulrix 4.2
IBM	PC/RT	AOS (BSD 4.3)
IBM	RS 6000 Models 320 and 520	AIX 3.1
Apple	Macintosh	A/UX 2.01

* Distributed Systems will generate a factsheet that describes the supported hardware configurations for each of these clients.

Release Contents

Dash

- make dash the default when the user logs in. Move default location of initial xterm, xconsole etc to accommodate menu bar.
- default menus in AFS but provide fallback menu on system packs
- warn user when Kerberos tickets are about to expire

Discuss

- install version 1.6, including *edsc*, if ready
- install *xdsc*

Distributed File Systems

- AFS 3.1 clients
- *detach -host* option to work with AFS and better documented
- better warning message of servers going down
- modify *xlogin, login, xquota, quota, detach* and *xterm* to accommodate global home directories in AFS

Emacs

- install version 18.57 with standard Athena enhancements

EZ

- global font change
- MOTIF user interface changes (e.g. pull-down menus)

Kerberos

- provide better password checking software (eg. "You have chosen a Weak Password. Please try again.")
- increase kerberos default ticket lifetime to 10 hours

Login

- deal better with temporary home directories (ie. better message, retry option)
- add query for mail without full login to *xlogin*
- modify *xlogin* window to show both 7.3 and IS/Athena merger

Mail

- new "popper" client
- *from* command to work with pop (i.e. who is my mail from?)

On-Line Consulting

- add support for multiple daemons
- add support for *mksev olc*

On-Line Help

- move *OLH* onto the system packs

Printing

- enable *lpquota* server-status option
- provide better support for A/UX

XCluster

- window can be resized
- smaller initial window size
- starts up faster
- add option to find all workstations of a certain type

Zephyr

- stronger indication of forged/unauthentic ("fake") Zephyrgrams
- change tty-oriented warning message to one line with no beeps

Other Submissions

- a new command, *renew*, will run *kinit* and reauthenticate lockers
- install new versions of *hostinfo*, *galatea* and *mwm*
- install *nslookup* and *perl* onto the system packs for the first time
- add additional variables to SNMP clients

Relocation of Software

- relocated to lockers
 - contents of */usr/man*
 - contents of */usr/doc* with a README on the packs
 - penplot*
 - scribe* (only if space on system packs is required)
 - VMS tape conversion programs
- removed entirely
 - backup* (script from 1984)
 - csch_source*
 - xdev2res*
 - xswitch*
- removed to *unsupported* locker
 - rscify*

And, as always, many bugfixes...

Deferred Issues

More use of AFS for home lockers

- all client hooks are in Release 7.3
- remaining issues are policy and then operational

Should the Athena *tcsh* become the default shell on all platforms?

- will be addressed as part of VOSAP discussions
- */bin/tcsh* will be ported, if technically feasible, to all platforms but the default should be the vendor-supplied */bin/csh*
- proposal to have the goal of providing a universal, but minimal, set of line-editing functions on all platforms

We need to develop a process for handling man pages

- unresolved debate over:
 - process by which *man* pages are created, edited and installed
 - responsibility for the content of the *man* pages
 - timing of the submission of *man* pages for a release