

Central Authentication Service

1. Install the latest Sun Java... (comes as a RPM)
2. Install Tomcat 6.x (Just needs to be unzipped)
3. Run the tomcat service and use the tomcat manager to deploy the CAS war file
4. If you are running apache in the front with mod_jp/mod_proxy, add virtual hosts in both httpd and tomcat. Make sure that the / of virtual host in httpd is the / of virtual host in tomcat
5. See <http://www.ja-sig.org/wiki/display/CASUM/LDAP> [<http://www.ja-sig.org/wiki/display/CASUM/LDAP>] to integrate CAS with LDAP. You can check the previous configuration files (Saurabh has the RARed package) if you need help (Use mail as the search Attribute and not uid)
6. Copy the IIIT specific theme files in the CAS directory

CAS is ready to be used

- P.S.1: CAS has built in support for nagios. You can look into that if interested <http://www.ja-sig.org/wiki/display/CASUM/Nagios+plugins> [<http://www.ja-sig.org/wiki/display/CASUM/Nagios+plugins>]
- P.S.2: If the load on CAS server increases, you can install the memcached plugin for CAS. It's a great performance boost. See <http://memcached.org/> [<http://memcached.org/>] and <http://www.ja-sig.org/wiki/display/CASUM/MemcacheTicketRegistry> [<http://www.ja-sig.org/wiki/display/CASUM/MemcacheTicketRegistry>] (Memcached should be used in ISAS too :()
- P.S.3: Though CAS comes with support for Single Sign-Out enabled, it needs services to be registered. That also means all new portals have to register first to use CAS (its real easy, u know). To implement it or not is a decision left for people in-charge.
- P.S.4: We do not have a password expiration policy in place. Since CAS also supports check for password expiration <http://www.ja-sig.org/wiki/display/CASUM/LDAP+Password+Policy+Enforcement> [<http://www.ja-sig.org/wiki/display/CASUM/LDAP+Password+Policy+Enforcement>], one can choose to implement it (well, if you are not afraid of changes)
- P.S.5: CAS also supports Remember Me
- P.S.6: Have a page hosted at <https://login.iiit.ac.in/accounts> [<https://login.iiit.ac.in/accounts>] where people can change all their personal information like password, Room No., Hostel etc.

Phew... Lot can be done :P

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