

## Central Authentication Service

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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\_ajp/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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