**[How do I use non-plaintext passwords for Tomcat users?](http://serverfault.com/questions/295628/how-do-i-use-non-plaintext-passwords-for-tomcat-users)**

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|   | On Ubuntu 10.04.3 LTS, after installing Tomcat 6, the way to add a manager / admin account is to add a record like this to /etc/tomcat6/tomcat-users.xml:<role rolename="manager"/><role rolename="admin"/><user username="user" password="password" roles="manager,admin"/>That password is in plaintext, and I'm not comfortable with that. Is there a way to use something like a hash instead? If you have a non-Ubuntu solution, I can probably translate it.[tomcat](http://serverfault.com/questions/tagged/tomcat) [tomcat6](http://serverfault.com/questions/tagged/tomcat6)

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| ccepted  | 1) add "digest" attribute on your <Realm> element in server.xml with value "md5". For now it's strongly algorithm for password encoding in tomcat 2) go to your CATALINA\_HOME and run > java -cp lib/catalina.jar:bin/tomcat-juli.jar org.apache.catalina.realm.RealmBase -a md5 <YOUR\_PASSWORD> You will get <YOUR\_PASSWORD>:<ENCRYPTED\_PASSWORD> 3) replace value of user's "password" attribute in your tomcat-users.xml to <ENCRYPTED\_PASSWORD> 4) restart tomcat  |
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|  | +1, but eek at the MD5. Use "sha-1" or "sha-256", if it'll work.  |
|  | In Tomcat 7 there is now a digest.bat in the bin directory to do this. Example : digest.bat -a "md5" <YOUR\_PASSWORD>  |

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