

## eMudhra Authentication Server(eMAS):

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### Pre-requisites:

1. emas.war
2. JDK1.6+
3. Oracle Client
4. Apache Tomcat6+(or any standard Web/Application Server)
5. Windows/Linux(Linux version of Tomcat and JDK required)

### Deployment and Configuration Details:

1. Copy and paste the emas.war file in the following folder  
TomcatRoot/webapps/.
2. Install JDK1.6+
3. Set the JAVA\_HOME environment variable.  
(eg. JAVA\_HOME=C:\Program Files\Java\jdk1.6.03\)
4. Install Oracle Client and change the tnsname.ora properties accordingly
5. Open config.properties file in emas.war/Web-Inf/classes folder.
6. Change the Database details accordingly. For eg:  
# JDBC properties - Oracle  
hibernate.dialect=org.hibernate.dialect.Oracle10gDialect  
jdbc.driverClassName=oracle.jdbc.driver.OracleDriver  
jdbc.url=jdbc:oracle:thin:@IPADDRESS:1521:orcl  
jdbc.username=orauser  
jdbc.password=orapassword
7. Proxy settings(if proxy setting required)  
#Proxy Settings  
enable.proxy=true  
http.proxyHost=10.1.46.210  
http.proxyPort=80  
http.proxyUser=infotech\\35815  
http.proxyPassword=password
8. Update config.properties file to emas.war(emas.war/WEB-INF/classes)
9. Deploy the emas.war file in Tomcat web content folder.  
(eg: C:\apache-tomcat-6.0.28\webapps\emas.war).
10. Go to apache-tomcat-6.0\bin folder

11. Execute startup.bat(or double click)
12. Starts the server
13. Check for the webservices deployed in successfully using the below sample link
14. <http://IPADDRESS:portnumber/emas/services/> (or)  
<http://localhost:8181/emas/services/dsverifyWS?wsdl>
15. If the user can see the above URL in xml format then the webservices are available for servicing the requests.
16. If not available then check in the emas\_error.log file for the reason for errors.
17. Go to C:\apache-tomcat-6.0.28\webapps\emas\logs\emas\_error.log

How to change log files path:

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1. Go to emas.war/Web-Inf/classes/log4j.xml  
<param name="File" value="{rootPath}logs/emas.log" />  
{rootPath} to be changed as follows:  
D:/emaslogs/emas.log
  2. Change all the places accordingly wherever {rootPath} is available.
  3. Save the changes and update log4j.xml file to emas.war/Web-Inf/classes
  4. Redeploy the emas.war.
  5. The Log files should be created in D:\emaslogs folder