

**server.xml** ..... 3



# server.xml

```
<?xml version='1.0' encoding='utf-8'?>
<!--
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limitations under the License.
-->
<!-- Note: A "Server" is not itself a "Container", so you may not
define subcomponents such as "Valves" at this level.
Documentation at /docs/config/server.html
-->
<Server address="${tomcat.address.management}"
port="${tomcat.port.management}" shutdown="SHUTDOWN">
  <Listener className="org.apache.catalina.startup.VersionLoggerListener" />
  <!-- Security listener. Documentation at /docs/config/listeners.html
  <Listener className="org.apache.catalina.security.SecurityListener" />
  -->
  <!--APR library loader. Documentation at /docs/apr.html -->
  <Listener className="org.apache.catalina.core.AprLifecycleListener"
SSLEngine="on" />
  <!--Initialize Jasper prior to webapps are loaded. Documentation at
/docs/jasper-howto.html -->
  <Listener className="org.apache.catalina.core.JasperListener" />
  <!-- Prevent memory leaks due to use of particular java/javax APIs-->
  <Listener
className="org.apache.catalina.core.JreMemoryLeakPreventionListener" />
  <Listener
className="org.apache.catalina.mbeans.GlobalResourcesLifecycleListener" />
  <Listener
className="org.apache.catalina.core.ThreadLocalLeakPreventionListener" />

  <!-- Global JNDI resources
Documentation at /docs/jndi-resources-howto.html
-->
  <GlobalNamingResources>
    <!-- Editable user database that can also be used by
    UserDatabaseRealm to authenticate users
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-->
<Resource name="UserDatabase" auth="Container"
  type="org.apache.catalina.UserDatabase"
  description="User database that can be updated and saved"
  factory="org.apache.catalina.users.MemoryUserDatabaseFactory"
  pathname="conf/tomcat-users.xml" />
</GlobalNamingResources>

<!-- A "Service" is a collection of one or more "Connectors" that share
  a single "Container" Note: A "Service" is not itself a "Container",
  so you may not define subcomponents such as "Valves" at this level.
  Documentation at /docs/config/service.html
-->
<Service name="Catalina">

  <!--The connectors can use a shared executor, you can define one or more
  named thread pools-->
  <!--
  <Executor name="tomcatThreadPool" namePrefix="catalina-exec-"
    maxThreads="150" minSpareThreads="4"/>
  -->

  <!-- A "Connector" represents an endpoint by which requests are received
  and responses are returned. Documentation at :
  Java HTTP Connector: /docs/config/http.html (blocking & non-
blocking)
  Java AJP Connector: /docs/config/ajp.html
  APR (HTTP/AJP) Connector: /docs/apr.html
  Define a non-SSL HTTP/1.1 Connector on port 8080
  -->
  <Connector address="${tomcat.address.http}" port="${tomcat.port.http}"
  protocol="HTTP/1.1"
    connectionTimeout="20000"
    allowTrace="false"
    maxPostSize="${tomcat.connector.maxPostSize}"
    maxThreads="${tomcat.connector.maxThreads}"
    redirectPort="${tomcat.port.https}"
    URIEncoding="${tomcat.connector.URIEncoding}"
    useBodyEncodingForURI="true" />

  <!-- A "Connector" using the shared thread pool-->
  <!--
  <Connector executor="tomcatThreadPool"
    port="8080" protocol="HTTP/1.1"
    connectionTimeout="20000"
    redirectPort="8443" />
  -->
  <!-- Define a SSL HTTP/1.1 Connector on port 8443
  This connector uses the BIO implementation that requires the JSSE
  style configuration. When using the APR/native implementation, the
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        OpenSSL style configuration is required as described in the
APR/native
        documentation -->
        <!--
        <Connector port="8443"
protocol="org.apache.coyote.http11.Http11Protocol"
                maxThreads="150" SSLEnabled="true" scheme="https"
secure="true"
                clientAuth="false" sslProtocol="TLS" />
        -->

        <!-- Define an AJP 1.3 Connector on port 8009 -->
        <Connector address="${tomcat.address.ajp}" port="${tomcat.port.ajp}"
protocol="AJP/1.3"
                allowTrace="false"
                maxPostSize="${tomcat.connector.maxPostSize}"
                maxThreads="${tomcat.connector.maxThreads}"
                redirectPort="${tomcat.port.https}"
                URIEncoding="${tomcat.connector.URIEncoding}"
                useBodyEncodingForURI="true" />

        <!-- An Engine represents the entry point (within Catalina) that
processes
        every request. The Engine implementation for Tomcat stand alone
analyzes the HTTP headers included with the request, and passes
them
        on to the appropriate Host (virtual host).
        Documentation at /docs/config/engine.html -->

        <!-- You should set jvmRoute to support load-balancing via AJP ie :
        <Engine name="Catalina" defaultHost="localhost" jvmRoute="jvm1">
        -->
        <Engine name="Catalina" defaultHost="localhost"
jvmRoute="${tomcat.engine.jvmRoute}">

        <!--For clustering, please take a look at documentation at:
        /docs/cluster-howto.html (simple how to)
        /docs/config/cluster.html (reference documentation) -->
        <!--
        <Cluster className="org.apache.catalina.ha.tcp.SimpleTcpCluster"/>
        -->
        <Cluster className="org.apache.catalina.ha.tcp.SimpleTcpCluster"
                channelSendOptions="8">

                <Manager className="org.apache.catalina.ha.session.DeltaManager"
                        expireSessionsOnShutdown="false"
                        notifyListenersOnReplication="true"/>

                <Channel
className="org.apache.catalina.tribes.group.GroupChannel">
                        <Membership
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className="org.apache.catalina.tribes.membership.McastService"
    address="${tomcat.cluster.member.address}"
    port="${tomcat.cluster.member.port}"
    frequency="500"
    dropTime="3000"/>
    <Receiver
className="org.apache.catalina.tribes.transport.nio.NioReceiver"
    address="${tomcat.cluster.receiver.address}"
    port="${tomcat.cluster.receiver.port}"
    autoBind="100"
    selectorTimeout="5000"
    maxThreads="6"/>

    <Sender
className="org.apache.catalina.tribes.transport.ReplicationTransmitter">
    <Transport
className="org.apache.catalina.tribes.transport.nio.PooledParallelSender"/>
    </Sender>
    <Interceptor
className="org.apache.catalina.tribes.group.interceptors.TcpFailureDetector"
/>
    <Interceptor
className="org.apache.catalina.tribes.group.interceptors.MessageDispatch15In
terceptor"/>
    <Interceptor
className="org.apache.catalina.tribes.group.interceptors.ThroughputIntercept
or"/>
    </Channel>

    <Valve className="org.apache.catalina.ha.tcp.ReplicationValve"
    filter=""/>
    <Valve
className="org.apache.catalina.ha.session.JvmRouteBinderValve"/>

    <Deployer
className="org.apache.catalina.ha.deploy.FarmWarDeployer"
    tempDir="/tmp/war-temp/"
    deployDir="/tmp/war-deploy/"
    watchDir="/tmp/war-listen/"
    watchEnabled="false"/>

    <ClusterListener
className="org.apache.catalina.ha.session.JvmRouteSessionIDBinderListener"/>
    <ClusterListener
className="org.apache.catalina.ha.session.ClusterSessionListener"/>
    </Cluster>

    <!-- Use the LockOutRealm to prevent attempts to guess user passwords
    via a brute-force attack -->
    <Realm className="org.apache.catalina.realm.LockOutRealm">
    <!-- This Realm uses the UserDatabase configured in the global JNDI
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resources under the key "UserDatabase". Any edits
that are performed against this UserDatabase are immediately
available for use by the Realm. -->
<Realm className="org.apache.catalina.realm.UserDatabaseRealm"
resourceName="UserDatabase"/>
</Realm>

<Host name="localhost" unpackWARs="true" autoDeploy="true"
createDirs="true"
appBase="${tomcat.engine.localhost.appBase}"
workDir="${tomcat.engine.localhost.workDir}">

<!-- SingleSignOn valve, share authentication between web
applications
Documentation at: /docs/config/valve.html -->
<!--
<Valve className="org.apache.catalina.authenticator.SingleSignOn" />
-->

<!-- Access log processes all example.
Documentation at: /docs/config/valve.html
Note: The pattern used is equivalent to using pattern="common"
-->
<Valve className="org.apache.catalina.valves.AccessLogValve"
directory="logs"
prefix="localhost_access_log." suffix=".txt"
pattern="%h %l %u %t &quot;%r&quot; %s %b" />

</Host>
</Engine>
</Service>
</Server>
```

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