<config name="default-config" dynamic-reconfiguration-enabled="true" >
    <http-service>
               (1) Remove attributes with default values
                             (2) Remove http-listener elements and moved attributes to
network-config

```xml
<virtual-server id="server" network-listeners="http-listener-1,  http-listener-2" >
```

(4) Remove hosts and state attributes - they have default values.

(5) Moved properies to attributes - accesslog, docroot.

(6) ?? Remove default-web-xml ??

```xml
</virtual-server>
```

(7) Remove request-processing element and move attributes to network-config (?? request-timeout-in-seconds ??)

(8) Remove keep-alive element and move attributes to network-config.

    (a) Remove thread-count - not supported

(9) Remove connection-pool element and move attributes to network-config.

    (a) Remove receive-buffer-size-in-bytes

(10) Remove http-protocol element - attribute dns-lookup-enabled not supported.

(11) Remove http-file-cache element and move attributes to network-config.

    (a) Remove globally-enabled - not supported

```xml
</http-service>
<iiop-service>
```
(12) Remove attributes with default values.

```xml
<orb use-thread-pool-ids="thread-pool-1" />
<iiop-listener id="orb-listener-1" address="0.0.0.0" port="${IIOP_LISTENER_PORT}" />
<iiop-listener id="SSL" address="0.0.0.0" port="${IIOP_SSL_LISTENER_PORT}" security-enabled="true" >
    <ssl cert-nickname="s1as" />
</iiop-listener>
<iiop-listener id="SSL_MUTUALAUTH" address="0.0.0.0" port="${IIOP_SSL_MUTUALAUTH_PORT}" security-enabled="true">
    <ssl cert-nickname="s1as" client-auth-enabled="true" />
</iiop-listener>
</iiop-service>
<admin-service system-jmx-connector-name="system" type="server">
```
(13) Remove attributes with default values.

```xml
<!-- JSR 160  "system-jmx-connector" -->
<jmx-connector address="0.0.0.0" auth-realm-name="admin-realm" name="system" port="${JMX_SYSTEM_CONNECTOR_PORT}" protocol="rmi_jrmp">
</jmx-connector>
<!-- JSR 160  "system-jmx-connector" -->
<das-config dynamic-reload-enabled="true" autodeploy-enabled="true" autodeploy-dir="${com.sun.aas.instanceRoot}/autodeploy" />
</admin-service>
```

```xml
  <web-container>
      <session-config>
        <session-manager>
          <manager-properties/>
         <store-properties />
        </session-manager>
        <session-properties />
      </session-config>
    </web-container>
  <ejb-container session-store="${com.sun.aas.instanceRoot}/session-store">
```
(14) Remove attributes with default values.
```xml
    <ejb-timer-service></ejb-timer-service>
      </ejb-container>
  <mdb-container />
```
(15) Remove attributes with default values.
```xml
  <jms-service type="LOCAL" default-jms-host="default_JMS_host" addresslist-
behavior="priority" >
```
(16) Remove attributes with default values.
```xml
    <jms-host name="default_JMS_host" host="%%%HOST_NAME%%%"
port="${JMS_PROVIDER_PORT}" admin-user-
name="%%%JMS_PROVIDER_USERID%%%" admin-
password="%%%JMS_PROVIDER_PASSWORD%%%"/>
      </jms-service>
  <log-service file="${com.sun.aas.instanceRoot}/logs/server.log" use-system-
logging="false" log-to-console="false" log-rotation-limit-in-bytes="2000000">
    <module-log-levels />
```
(17) Remove attributes with default values.
```xml
  </log-service>
  <security-service>
```
(18) Remove attributes with default values.
```xml
    <!-- All administrative tasks within any server instance use this admin-realm by
default. -->
      <auth-realm name="admin-realm"
classname="com.sun.enterprise.security.auth.realm.file.FileRealm">
        <property name="file" value="${com.sun.aas.instanceRoot}/config/admin-
keyfile" />
        <property name="jaas-context" value="fileRealm" />
      </auth-realm>
    <!-- All administrative tasks within any server instance use this admin-realm by
default. -->
      <auth-realm name="file"
classname="com.sun.enterprise.security.auth.realm.file.FileRealm">
```

```xml
        <property name="file" value="${com.sun.aas.instanceRoot}/config/keyfile" />
        <property name="jaas-context" value="fileRealm" />
      </auth-realm>
    <auth-realm name="certificate"
classname="com.sun.enterprise.security.auth.realm.certificate.CertificateRealm">
      </auth-realm>
    <jacc-provider name="default" policy-
provider="com.sun.enterprise.security.provider.PolicyWrapper" policy-configuration-
factory-
provider="com.sun.enterprise.security.provider.PolicyConfigurationFactoryImpl">
        <property name="repository"
value="${com.sun.aas.instanceRoot}/generated/policy" />
      </jacc-provider>
      <jacc-provider policy-
provider="com.sun.enterprise.security.jacc.provider.SimplePolicyProvider"
name="simple"      policy-configuration-factory-
provider="com.sun.enterprise.security.jacc.provider.SimplePolicyConfigurationFactory"
/>    (19) New in v3
      <audit-module name="default" classname="com.sun.enterprise.security.Audit">
        <property name="auditOn" value="false" />
      </audit-module>
      <message-security-config auth-layer="SOAP">
    <!-- turned off by default -->
      <provider-config class-
name="com.sun.xml.wss.provider.ClientSecurityAuthModule" provider-
id="XWS_ClientProvider" provider-type="client">
          <request-policy auth-source="content" />
          <response-policy auth-source="content" />
          <property name="encryption.key.alias" value="s1as" />
          <property name="signature.key.alias" value="s1as" />
          <property name="dynamic.username.password" value="false" />
          <property name="debug" value="false" />
        </provider-config>
      <provider-config class-
name="com.sun.xml.wss.provider.ClientSecurityAuthModule" provider-
id="ClientProvider" provider-type="client">
          <request-policy auth-source="content" />
          <response-policy auth-source="content" />
          <property name="encryption.key.alias" value="s1as" />
          <property name="signature.key.alias" value="s1as" />
          <property name="dynamic.username.password" value="false" />
```

```xml
        <property name="debug" value="false" />
        <property name="security.config"
value="${com.sun.aas.instanceRoot}/config/wss-server-config-1.0.xml" />
      </provider-config>
    <provider-config class-
name="com.sun.xml.wss.provider.ServerSecurityAuthModule" provider-
id="XWS_ServerProvider" provider-type="server">
        <request-policy auth-source="content" />
        <response-policy auth-source="content" />
        <property name="encryption.key.alias" value="s1as" />
        <property name="signature.key.alias" value="s1as" />
        <property name="debug" value="false" />
      </provider-config>
    <provider-config class-
name="com.sun.xml.wss.provider.ServerSecurityAuthModule" provider-
id="ServerProvider" provider-type="server">
        <request-policy auth-source="content" />
        <response-policy auth-source="content" />
        <property name="encryption.key.alias" value="s1as" />
        <property name="signature.key.alias" value="s1as" />
        <property name="debug" value="false" />
        <property name="security.config"
value="${com.sun.aas.instanceRoot}/config/wss-server-config-1.0.xml" />
      </provider-config>
    </message-security-config>
   </security-service>
  <transaction-service automatic-recovery="true" tx-log-
dir="${com.sun.aas.instanceRoot}/logs" />   (20) Remove attributes with default values.
    <monitoring-service>
   <module-monitoring-levels />                                (21) Remove
attributes with default values.
    </monitoring-service>
    <diagnostic-service />                                (22) Remove attributes
with default values.
    <java-config debug-options="-Xdebug -
Xrunjdwp:transport=dt_socket,server=y,suspend=n,address=9009" system-classpath=""
classpath-suffix="">  (23) Remove attributes with default values.
      <jvm-options>-XX:MaxPermSize=192m</jvm-options>         (24) New in v3
      <jvm-options>-client</jvm-options>                         (25) New in v3.
Change to -server?
      <jvm-options>-XX:+UnlockDiagnosticVMOptions</jvm-options>    (26) New in
```

v3

      `<jvm-options>-XX:+LogVMOutput</jvm-options>`   **(27) New in v3**

      `<jvm-options>-XX:LogFile=${com.sun.aas.instanceRoot}/logs/jvm.log</jvm-options>` **(28) New in v3**

      `<jvm-options>-Djava.endorsed.dirs=${com.sun.aas.installRoot}/modules/endorsed${path.separator}${co...options>` **(29) Added modules/endorsed.**

      `<jvm-options>-Djava.security.policy=${com.sun.aas.instanceRoot}/config/server.policy</jvm-options>`

      `<jvm-options>-Djava.security.auth.login.config=${com.sun.aas.instanceRoot}/config/login.conf</jvm-options>`

      `<jvm-options>-Dcom.sun.enterprise.security.httpsOutboundKeyAlias=s1as</jvm-options>`   **(30) New in v3**

      `<jvm-options>-Djavax.net.ssl.keyStore=${com.sun.aas.instanceRoot}/config/keystore.jks</jvm-options>` **(31) New in v3**

      `<jvm-options>-Djavax.net.ssl.trustStore=${com.sun.aas.instanceRoot}/config/cacerts.jks</jvm-options>` **(32) New in v3**

     (33) Used to be in v2.x `<jvm-options>-Dsun.rmi.dgc.server.gcInterval=3600000</jvm-options>`

     (34) Used to be in v2.x `<jvm-options>-Dsun.rmi.dgc.client.gcInterval=3600000</jvm-options>`

      `<jvm-options>-Djava.ext.dirs=${com.sun.aas.javaRoot}/lib/ext${path.separator}${com.sun.aas.javaRoot}...options>`

     (35) v2.x default-config -Djava.ext.dirs

     `<jvm-options>-Djava.ext.dirs=${com.sun.aas.javaRoot}/jre/lib/ext${path.separator}${com.sun.aas.instanc...options>`

      `<jvm-options>-Djdbc.drivers=org.apache.derby.jdbc.ClientDriver</jvm-options>`

      `<jvm-options>-DANTLR_USE_DIRECT_CLASS_LOADING=true</jvm-options>` **(36) New in v3.**

      `<jvm-options>-Dcom.sun.enterprise.config.config_environment_factory_class=com.sun.enterprise.config....options>`

    (36) Used to be in v2.x:

      `<jvm-options>-Dcom.sun.enterprise.taglibs=appserv-jstl.jar,jsf-impl.jar</jvm-options>`

```
<jvm-options>-Dcom.sun.enterprise.taglisteners=jsf-impl.jar</jvm-
options>

    <jvm-options>-Dosgi.shell.telnet.port=6666</jvm-options>    (37) New in v3.
    <jvm-options>-Dosgi.shell.telnet.maxconn=1</jvm-options>    (38) New in v3.
    <jvm-options>-Dosgi.shell.telnet.ip=127.0.0.1</jvm-options>    (39) New in v3.
    <jvm-options>-
Dfelix.fileinstall.dir=${com.sun.aas.installRoot}/modules/autostart/</jvm-options> (40)
New in v3.
    <jvm-options>-Dfelix.fileinstall.poll=5000</jvm-options>    (41) New in v3.
    <jvm-options>-Dfelix.fileinstall.debug=1</jvm-options>    (42) New in v3.
    <jvm-options>-Dfelix.fileinstall.bundles.new.start=true</jvm-options>    (43) New
in v3.
    <jvm-options>-Dorg.glassfish.web.rfc2109_cookie_names_enforced=false</jvm-
options>    (44) New in v3.
    <jvm-options>-XX:NewRatio=2</jvm-options>
    <jvm-options>-Xmx512m</jvm-options>
  </java-config>
  <availability-service availability-enabled="true">
 <web-container-availability availability-enabled="true" http-session-store-pool-
name="jdbc/hastore" persistence-frequency="web-method" persistence-scope="session"
persistence-store-health-check-enabled="false" persistence-type="ha" sso-failover-
enabled="false"/>
 <ejb-container-availability availability-enabled="true" sfsb-ha-persistence-type="ha"
sfsb-persistence-type="file" sfsb-store-pool-name="jdbc/hastore"/>
 <jms-availability availability-enabled="false"/>
 </availability-service>

  <network-config>                                        (45) New in v3
   <protocols>
     <protocol name="http-listener-1" security-enabled="false">
      <http header-buffer-length-in-bytes="8192" max-connections="250"
timeout="30" default-virtual-server="server" server-name="" xpowered-by="true" send-
buffer-size="8192">
        <file-cache enabled="true" max-age="30" max-cache-size="10485760" max-
files-count="1024"/>
       </http>
     </protocol>
     <protocol security-enabled="true" name="http-listener-2">
      <http header-buffer-length-in-bytes="8192" max-connections="250"
timeout="30" default-virtual-server="server" server-name="" xpowered-by="true" send-
```

```
buffer-size="8192">
        <file-cache enabled="true" max-age="30" max-cache-size="10485760" max-
files-count="1024"/>
      </http>
      <ssl ssl3-enabled="false" cert-nickname="s1as" />
    </protocol>
  </protocols>
  <network-listeners>
    <network-listener address="0.0.0.0" port="${HTTP_LISTENER_PORT}"
protocol="http-listener-1" transport="tcp" name="http-listener-1" thread-pool="http-
thread-pool" enabled="true"/>
    <network-listener address="0.0.0.0" port="${HTTP_SSL_LISTENER_PORT}"
protocol="http-listener-2" transport="tcp" name="http-listener-2" thread-pool="http-
thread-pool" xpowered-by="true" enabled="true"/>
    <thread-pool min-thread-pool-size="2" max-thread-pool-size="5" thread-
increment="1" max-queue-size="4096"/>
  </network-listeners>
  <transports>
    <transport name="tcp" acceptor-threads="1" max-connections-count="4096"/>
  </transports>
 </network-config>
 <thread-pools>
  <thread-pool name="http-thread-pool" />          (46) ?? Should have either this
http-thread-pool or the one under network-listeners ??
    <thread-pool max-thread-pool-size="200" idle-thread-timeout-in-seconds="120"
name="thread-pool-1" />
  </thread-pools>
<group-management-service fd-protocol-max-tries="3" fd-protocol-timeout-in-
millis="2000" merge-protocol-max-interval-in-millis="10000" merge-protocol-min-
interval-in-millis="5000" ping-protocol-timeout-in-millis="5000" vs-protocol-timeout-in-
millis="1500"/>
  <management-rules enabled="true" />
<system-property name="HTTP_LISTENER_PORT" value="38080"/>
  <system-property name="HTTP_SSL_LISTENER_PORT" value="38181"/>
  <system-property name="JMS_PROVIDER_PORT" value="37676"/>
  <system-property name="IIOP_LISTENER_PORT" value="33700"/>
  <system-property name="IIOP_SSL_LISTENER_PORT" value="33820"/>
  <system-property name="IIOP_SSL_MUTUALAUTH_PORT" value="33920"/>
  <system-property name="JMX_SYSTEM_CONNECTOR_PORT" value="38686"/>
   </config>
```