**1.3 Directory browsing**

<system.webServer>

<directoryBrowse enabled="false" />

<system.webServer>

**2.2 Authenticated**

<system.web>

<authentication>

<forms cookieless="UseCookies" requireSSL="true" />

</authentication>

</system.web>

**2.3 forms authentication - require SSL**

<system.web>

<authentication>

<forms requireSSL="true" />

</authentication>

</system.web>

**2.4 Forms Authentication**

<system.web>

<authentication>

<forms cookieless="UseCookies" requireSSL="true" timeout="30" />

</authentication>

</system.web>

**2.5 Cookie Protection Mode**

<system.web>

<authentication>

<forms cookieless="UseCookies" protection="All" />

</authentication>

</system.web>

**2.7 passwordFormat**

<configuration>

<system.web>

<authentication mode="Forms">

<forms name="SampleApp" loginUrl="/login.aspx">

<credentials passwordFormat="SHA1">

<user

name="<em>UserName1</em>"

password="<em>SHA1EncryptedPassword1</em>"/>

<user

name="<em>UserName2</em>"

password="<em>SHA1EncryptedPassword2</em>"/>

</credentials>

</forms>

</authentication>

</system.web>

</configuration>

**3.2 Debug**

<configuration>

<system.web>

<compilation debug="false" />

</system.web>

</configuration>

**3.4 IIS HTTP detailed errors**

<system.web>

<system.webServer>

<httpErrors errorMode="DetailedLocalOnly">

</httpErrors>

</system.webServer>

</system.web>

**3.5 Stack tracing**

2. Remove all attribute references to ASP.NET tracing by deleting the trace and trace enable attributes.

<configuration>

<system.web>

<trace enabled="true">

</system.web>

</configuration>

**3.6 Http cookie**

<system.web>

<sessionState cookieless="UseCookies" />

</system.web>

**3.7 Cookies**

<configuration>

<system.web>

<httpCookies httpOnlyCookies="true" />

</system.web>

</configuration>

**3.11 X-Powered-By Header**

X-powered-by headers will not be available on the webserver.

**Audit:**

<remove name="X-Powered-By" />

**3.12 Server Header is removed**

<system.web>

<httpRuntime enableVersionHeader="false" />

..

</system.web>

**4.1 MaxAllowedContentLength**

<configuration>

<system.webServer>

<security>

<requestFiltering>

<requestLimits maxAllowedContentLength="30000000" />

</requestFiltering>

</security>

</system.webServer>

</configuration>

**4.2 MaxURL request filter**

locate and open the web.config

<configuration>

<system.webServer>

<security>

<requestFiltering>

<requestLimits maxURL="4096" />

</requestFiltering>

</security>

</system.webServer>

</configuration>

**4.3 MaxQueryString request filter**

locate and open the web.config

<configuration>

<system.webServer>

<security>

<requestFiltering>

<requestLimits maxQueryString="2048" />

</requestFiltering>

</security>

</system.webServer>

</configuration>