1. Remove Server Tag attribute in response from webserver.

https://serverfault.com/questions/991045/remove-modify-iis-10-server-header-which-discloses-iis-version

<system.webServer>

<security>

<requestFiltering removeServerHeader="true" />

</security>

</system.webServer>

1. To hide or change other values in response header use below code in web.config

<system.web>

<httpRuntime targetFramework="4.8" enableVersionHeader="false"/>

</system.web>

<system.webServer>

<security>

<requestFiltering removeServerHeader="true" />

</security>

<httpProtocol>

<customHeaders>

<clear />

<add name="Cache-Control" value="no-store, no-cache,must-revalidate" />

<add name="Pragma" value="no-store,no-cache"/>

<remove name="Expires"/>

<add name="Expires" value="Wed, 31 Dec 2027 00:00:00 GMT"/>

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

<add name="X-Powered-By" value="DENY"/>

<remove name="X-AspNet-Version" />

<add name="X-AspNet-Version" value="DENY"/>

<add name="Server" value="None"/>

<add name="ETag" value="None"/>

<add name ="Access-Control-Allow-Origin" value="\*.icicibank.com"/>

<add name ="Access-Control-Allow-Headers" value="Content-Type"/>

<remove name="X-Content-Type-Options"/>

<add name="X-Content-Type-Options" value="nosniff"/>

<remove name="X-Frame-Options"/>

<add name="X-Frame-Options" value="SAMEORIGIN"/>

<add name="x-xss-protection" value="1;mode=block"/>

<add name="x-content-type" value="nosniff;mode=max-age=31536000;includeSubDomains;preload"/>

<add name="Strict-Transport-Security" value="max-age=31536000;includeSubDomains"/>

<remove name="Referrer-Policy"/>

<add name="Referrer-Policy" value="no-referrer"/>

<add name="Content-Security-Policy" value="default-src 'self' https:data:'unsafe-inline' 'unsafe-eval'"/>

</customHeaders>

</httpProtocol>

</system.webServer>

1. Enable Secure Cookies

<system.web>

<httpCookies httpOnlyCookies="true" requireSSL="true"/>

</system.web>

1. 404 Error page setting

<system.web>

<customErrors mode="RemoteOnly" defaultRedirect="/DefaultError.aspx" redirectMode="ResponseRewrite">

<error statusCode="404" redirect="/DefaultError.aspx"/>

</customErrors>

</system.web>

<system.webServer>

<httpErrors errorMode="Custom">

<remove statusCode="404" subStatusCode="-1"/>

<error statusCode="404" prefixLanguageFilePath="" path="/DefaultError.aspx" responseMode="ExecuteURL"/>

</httpErrors>

</system.webServer>

1. Host header injection validation.

<https://stiflernation04.medium.com/a-guide-to-mitigate-host-header-injection-vulnerability-in-apache-nginx-and-iis-servers-6e18c111c972>

<system.webServer>

<rewrite>

<rules>

<rule name="Prevent host header injection">

<match url=".\*" />

<conditions>

<add input="{HTTP\_HOST}" pattern="^([a-zA-Z0-9]+\.){1,}[a-zA-Z]+$" />

</conditions>

<action type="CustomResponse" statusCode="444" statusReason="Invalid Host header" statusDescription="The host header is invalid." />

</rule>

</rules>

</rewrite>

</system.webServer>

WEB.CONFIG FILE

<?xml version="1.0" encoding="utf-8"?>

<!--

For more information on how to configure your ASP.NET application, please visit

https://go.microsoft.com/fwlink/?LinkId=169433

-->

<configuration>

<system.web>

<compilation debug="true" targetFramework="4.8" />

<httpRuntime targetFramework="4.8" enableVersionHeader="false"/>

<pages>

<namespaces>

<add namespace="System.Web.Optimization" />

</namespaces>

<controls>

<add assembly="Microsoft.AspNet.Web.Optimization.WebForms" namespace="Microsoft.AspNet.Web.Optimization.WebForms" tagPrefix="webopt" />

</controls>

</pages>

<httpCookies httpOnlyCookies="true" requireSSL="true"/>

<customErrors mode="RemoteOnly" defaultRedirect="/DefaultError.aspx" redirectMode="ResponseRewrite">

<error statusCode="404" redirect="/DefaultError.aspx"/>

</customErrors>

</system.web>

<system.webServer>

<security>

<requestFiltering removeServerHeader="true" />

</security>

<httpProtocol>

<customHeaders>

<clear />

<add name="Cache-Control" value="no-store, no-cache,must-revalidate" />

<add name="Pragma" value="no-store,no-cache"/>

<remove name="Expires"/>

<add name="Expires" value="Wed, 31 Dec 2027 00:00:00 GMT"/>

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

<add name="X-Powered-By" value="DENY"/>

<remove name="X-Aspnet-Version" />

<add name="X-AspNet-Version" value="None"/>

<add name="Server" value="None"/>

<add name="ETag" value="None"/>

<add name ="Access-Control-Allow-Origin" value="\*.icicibank.com"/>

<add name ="Access-Control-Allow-Headers" value="Content-Type"/>

<remove name="X-Content-Type-Options"/>

<add name="X-Content-Type-Options" value="nosniff"/>

<remove name="X-Frame-Options"/>

<add name="X-Frame-Options" value="SAMEORIGIN"/>

<add name="x-xss-protection" value="1;mode=block"/>

<add name="x-content-type" value="nosniff;mode=max-age=31536000;includeSubDomains;preload"/>

<add name="Strict-Transport-Security" value="max-age=31536000;includeSubDomains"/>

<remove name="Referrer-Policy"/>

<add name="Referrer-Policy" value="no-referrer"/>

<add name="Content-Security-Policy" value="default-src 'self' https:data:'unsafe-inline' 'unsafe-eval'"/>

</customHeaders>

</httpProtocol>

<httpErrors errorMode="Custom">

<remove statusCode="404" subStatusCode="-1"/>

<error statusCode="404" prefixLanguageFilePath="" path="/DefaultError.aspx" responseMode="ExecuteURL"/>

</httpErrors>

</system.webServer>

<runtime>

<assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">

<dependentAssembly>

<assemblyIdentity name="Antlr3.Runtime" publicKeyToken="eb42632606e9261f" />

<bindingRedirect oldVersion="0.0.0.0-3.5.0.2" newVersion="3.5.0.2" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="Microsoft.Web.Infrastructure" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="0.0.0.0-2.0.0.0" newVersion="2.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="Newtonsoft.Json" publicKeyToken="30ad4fe6b2a6aeed" />

<bindingRedirect oldVersion="0.0.0.0-13.0.0.0" newVersion="13.0.0.0" />

</dependentAssembly>

<dependentAssembly>

<assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />

<bindingRedirect oldVersion="0.0.0.0-1.6.5135.21930" newVersion="1.6.5135.21930" />

</dependentAssembly>

</assemblyBinding>

</runtime>

<system.codedom>

<compilers>

<compiler language="c#;cs;csharp" extension=".cs" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default /nowarn:1659;1699;1701" />

<compiler language="vb;vbs;visualbasic;vbscript" extension=".vb" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default /nowarn:41008 /define:\_MYTYPE=\&quot;Web\&quot; /optionInfer+" />

</compilers>

</system.codedom>

</configuration>