

CONFIGURING CROSS-DOMAIN CALLS TO DBXL

OVERVIEW

Browsers will block cross-domain HTTP calls within scripts. The CORS mechanism provides a method to make these calls. Implementation requires support by the called service.

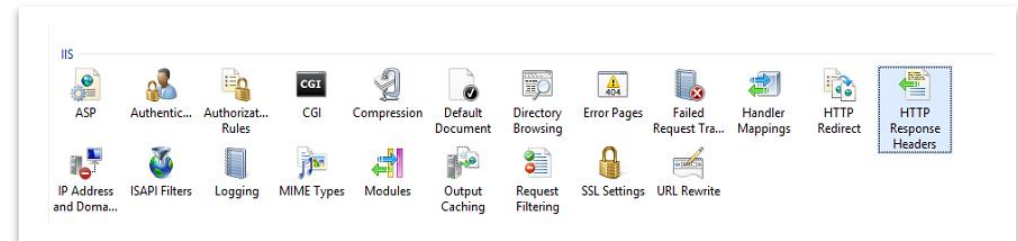
CORS Reference: <https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS>

HTTP RESPONSE HEADERS

Add *Access-Control* headers to DBXL.

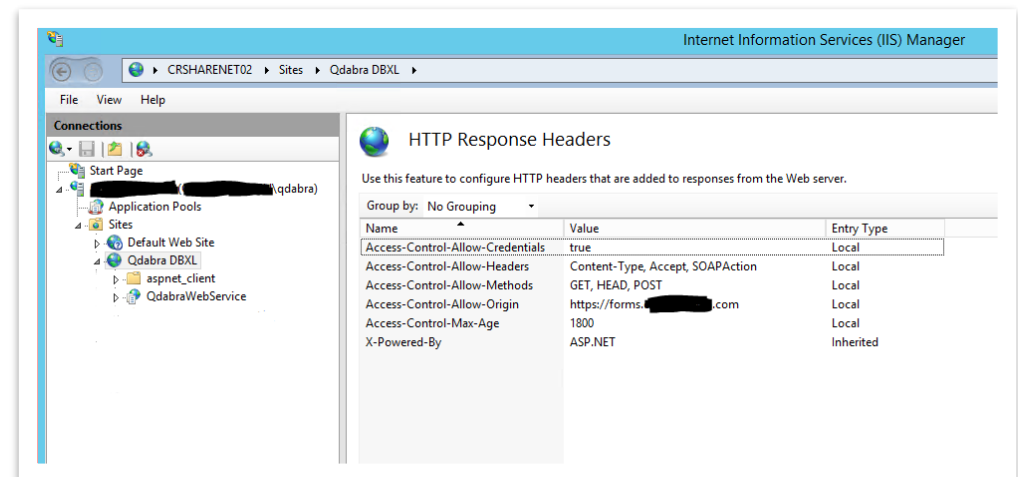
Name	Value
Access-Control-Allow-Credentials	true
Access-Control-Allow-Headers	Content-Type, Accept, SOAPAction
Access-Control-Allow-Methods	GET, HEAD, POST
Access-Control-Allow-Origin	https://forms.yourdomain.com
Access-Control-Max-Age	1800

Open HTTP Response Headers in IIS for the DBXL website



Add the response headers

If there are multiple origins to support, add multiple Access-Control-Allow-Origin entries.



DBXL WEB.CONFIG UPDATE

Authenticated OPTIONS requests are not supported by the CORS mechanism. You must configure DBXL to allow anonymous OPTIONS queries. To do so, make the following change in the web.config in the QdabraWebService folder:

FROM:

```
<security>
  <authorization>
    <clear />
    <add accessType="Allow" users="*" />
    <add accessType="Deny" users="?" />
  </authorization>
</security>
```

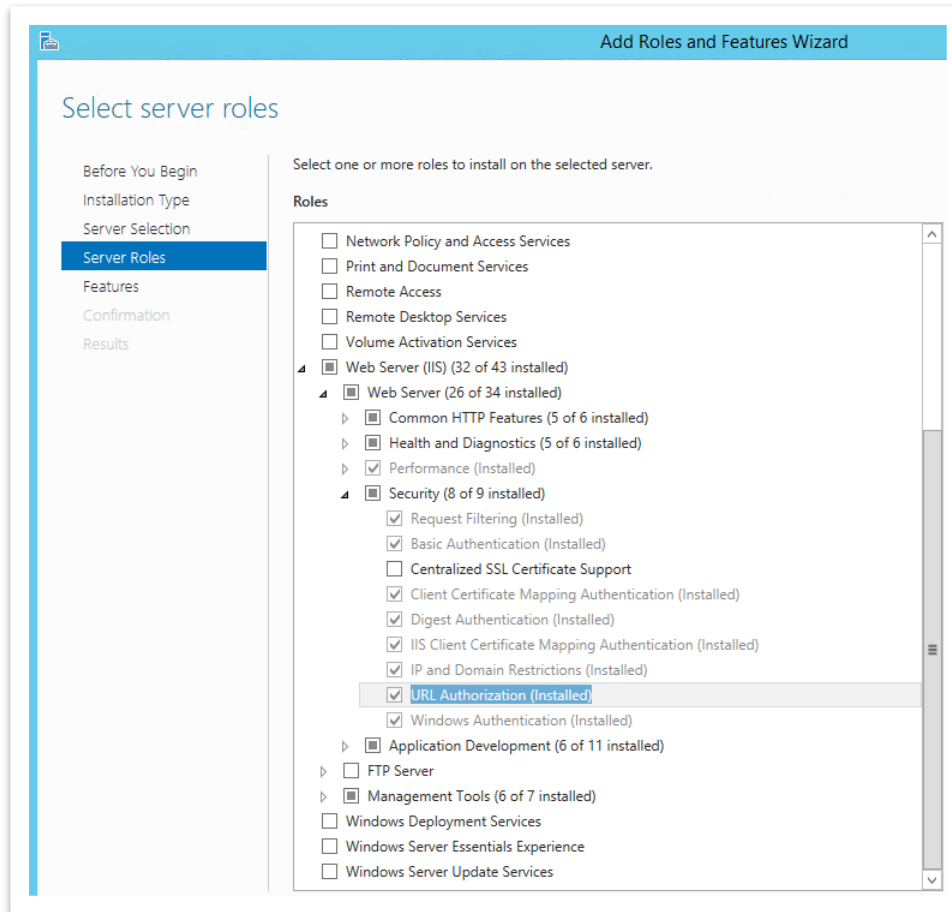
TO:

```
<security>
  <authorization>
    <clear />
    <add accessType="Allow" users="*" />
    <add accessType="Deny" users="?"
      verbs="GET, HEAD, PUT, POST, DELETE" />
    <add accessType="Allow" users="*"
      verbs="OPTIONS" />
  </authorization>
</security>
```

The above authorization configuration requires the **URL Authorization** feature be installed on the server. It can be added from the Add Roles and Features Wizard under the Web Server Security section.

You can also install the feature from a PowerShell command-line using the Install-WindowsFeature command.

```
Install-WindowsFeature Web-Url-Auth
```



CONTACT INFORMATION

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