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Web Services and Applications Deployment Guide

CSRF protection

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CSRF protection

Web Services provides protection against Cross Site Request Forgery (CSRF) attacks. For general information and background on CSRF, see the [OWASP CSRF Prevention Cheat Sheet](#).

To set up Cross Site Request Forgery protection, set the following options in the `serverSettings` section of the **`application.yaml`** file on each of your Web Services nodes (**`server-settings.yaml`** if you're installing Web Services and Applications version 8.5.201.09 or earlier) :

- `enableCsrfProtection` — determines whether CSRF protection is enabled on the Web Services node.
- `crossOriginSettings` — specifies the configuration for cross-origin resource sharing in Web Services. Make sure this option has the `*exposedHeaders*` setting with a value that includes X-CSRF-HEADER, X-CSRF-TOKEN.

For example, your configuration might look like this:

```
enableCsrfProtection: true
crossOriginSettings:
  corsFilterCacheTimeToLive: 120
  allowedOrigins: http://*.genesys.com, http://*.genesyslab.com
  allowedMethods: GET,POST,PUT,DELETE,OPTIONS
  allowedHeaders: "X-Requested-With,Content-Type,Accept,
Origin,Cookie,authorization,ssid,surl,ContactCenterId"
  allowCredentials: true
  exposedHeaders: "X-CSRF-HEADER,X-CSRF-TOKEN"
```

For more information about CSRF protection in the Web Services API, see [Cross Site Request Forgery Protection](#).

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