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# Web Services and Applications Deployment Guide

CSRF protection

# 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:

- `enableCsrProtection` — 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:

```
enableCsrProtection: 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](#).

## Next step

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