

## Specify CSP to Prevent or Minimize the Risk of Security Threats

### THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT v7.4.11 and later

EFT v8.0 and later store Advanced Properties in a JSON file. When you upgrade from EFT v7.4.x to EFT v8, the non-default settings that you have defined in the registry will be added to the Advanced Properties file during upgrade. (Default settings become part of the EFT configuration files.) For a more on how to use advanced properties, and a spreadsheet of the advanced properties, please refer to the "Advanced Properties" topic in the help for your version of EFT.

### DISCUSSION

The Content Security Policy (CSP) HTTP response header declares which dynamic resources are allowed to load in the browser.

By default, EFT will issue the following CSP header:

Content-Security-Policy: default-src 'self' 'unsafe-inline' 'unsafe-eval' data;;

These values have the following meanings, as documented here: <https://content-security-policy.com/>.

default-src 'self' = default policy for loading content

'unsafe-inline' = allow use of inline source elements such as style attribute, onclick, script tag bodies, javascript: URIs

'unsafe-eval' = allows unsafe dynamic code evaluation such as JavaScript eval()

### CUSTOM CSP HEADER

You can add additional values, such as “script-src” and “style-src”, by overriding the default CSP header via the registry or as an Advanced Property:

In EFT v8 and later:

Add the name:value pair to the AdvancedProperties.JSON file in EFT's \ProgramData\

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directory as described in the "Advanced Properties" topic in the online help for your version of EFT.

```
{  
"CSPHeaderOverride": "default-src 'self'; font-src *;img-src * data:; script-src *; style-src  
*;"  
}
```

(Double quotation marks " around the value is required.)

In versions prior to v8.0:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\GlobalSCAPE Inc.\EFT Server 7.4\

**Key Type:** STRING

**Key name:** CSPHeaderOverride

**Values:** Provide the new CSP header string. For example:

**default-src 'self'; font-src \*;img-src \* data:; script-src \*; style-src \*;**

You do not need to restart the EFT server service for the new CSP to take effect.

CSP WHEN reCAPTCHA IS USED FOR DROP-OFF PORTAL:

If you enable Google reCAPTCHA for the Drop-off portal, you will need to modify the allowed CSP domains to also include google.com and gstatic.com. This is necessary so that Google's reCAPTCHA service will work.

Change CSPHeaderOverride to:

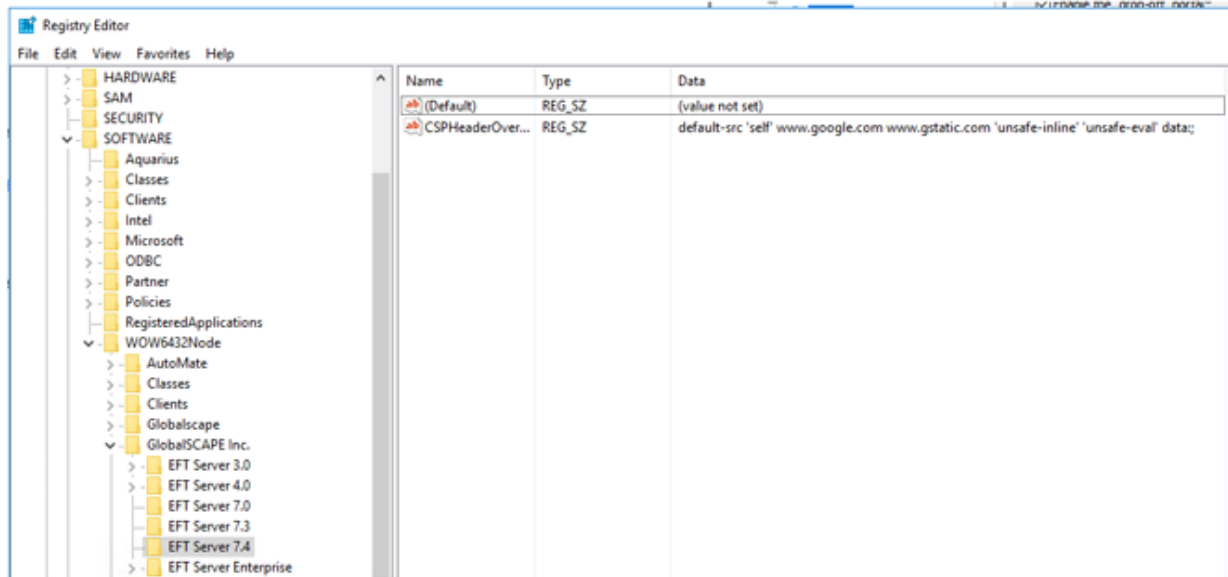
**default-src 'self' www.google.com www.gstatic.com 'unsafe-inline'  
'unsafe-eval' data;;**

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- If you disable reCAPTCHA, you should consider removing the override so that the default CSP is used. (This setting has no effect in Internet Explorer.)

### How to fix the Google captcha to display in Chrome, Firefox, and Edge [\[edit\]](#)

1. Run regedit from your EFT Server box
2. Navigate to `HKLM\SOFTWARE\WOW6432Node\GlobalSCAPE Inc.\EFT Server 7.4`
3. Add a new String Value called **CSPHeaderOverride**
4. Assign it a value of `default-src 'self' www.google.com www.gstatic.com 'unsafe-inline' 'unsafe-eval' data;`
5. You should not have to restart the EFT Service



GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/Knowledgebase/11435/Specify-CSP-to-Prevent-or-Mi...>