

DoD Team Page

Configuration Notes

Traction Software

Version 1.0
June 6, 2014

Table of Contents

Displaying Terms of Service.....	1
Password Storage Compliance	2
Configuring Cross-Site Scripting Countermeasures	2
Displaying Important Login Information.....	3
Customizing Denial of Service Mitigation.....	4
Terminating Sessions.....	5

DoD TeamPage Configuration Notes

This guide explains how to configure TeamPage 6 to comply with DoD security requirements, and the configuration options needed to configure it appropriately for running in that environment.

This document supplements the Installation and Configuration Guide (<https://teampage.tractionsoftware.com/traction/permalink/Doc351>).

For DoD deployments, TeamPage should be configured to run over HTTPS and connected via NTLMv2 to an Active Directory server. This way, the directory server's password requirements will be used, and users will benefit from single sign-on with their workstation login.

Instructions for configuring HTTPS are posted at <https://teampage.tractionsoftware.com/traction/permalink/Doc264>.

Instructions for connecting to Active Directory with NTLMv2 using the JESPA libraries are posted at <https://teampage.tractionsoftware.com/traction/space/jespaauth>. Please note that this link is normally available only to customers who have purchased the JESPA auth option. If you need to review this link in advance, please contact sales@tractionsoftware.com.

The notes below describe the configuration settings needed for testing specific issues in the Certification Document.

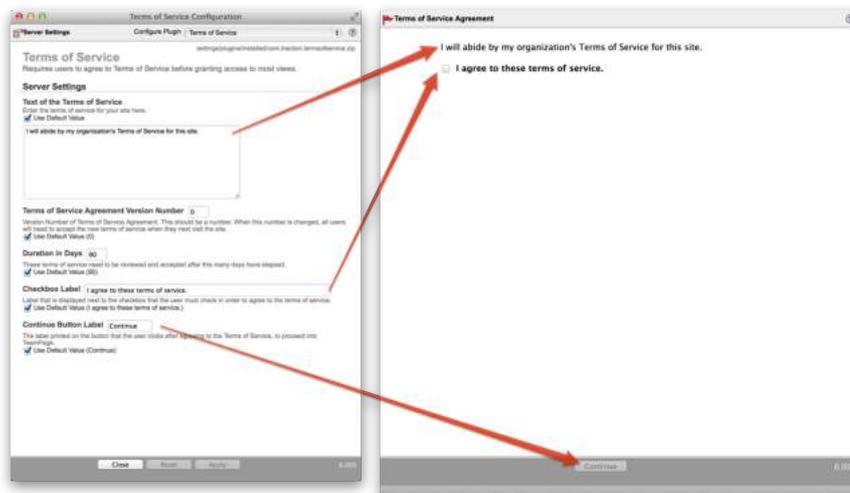
Displaying Terms of Service

2.4 The designer will ensure the application is capable of displaying a customizable click-through banner at logon which prevents further activity on the information system unless and until the user executes a positive action to manifest agreement by clicking on a box indicating "OK." (APP3440 CAT II)

This requirement is addressed via the Terms of Service plug-in, which you can download from <https://teampage.tractionsoftware.com/traction/permalink/Customer4532>.

To install and configure the plug-in, follow the instructions in that article.

Note that the Terms of Service plug-in *is* compatible with single sign-on solutions such as NTLM.



DoD TeamPage Configuration Notes

Password Storage Compliance

3.4 The designer will ensure the application stores account passwords in an approved encrypted format.(APP3340 CAT I)

Passwords for users are *not stored at all* when the system is configured to use single sign-on. This is the recommended configuration.

In the default out-of-the box configuration (often used for evaluation, or when single sign-on is not enabled), salted password hashes are stored in the Journal.db journal file. A typical entry looks like this:

```
admin:PHYyPjEwMDAwOjNjMWIyZGVjMTZkYjFmYWJmZj1kNDYwMTM0YzU2NjAwYWEzN2IwODY2MmE5YmMxYj03Y2Y2YmU0YmY4ZTFiZDdkMTM4MDdhZmRiMTBhYzRlZDBkMDBkNTI1MGZiMGNhNzc=:1:
```

This is base64 encoded. Decoded, the format is this:

```
<v2>10000:3c1b2dec16db1fabff9d460134c56600aa37b08662a9bc1b:7cf6be4bf8e1bd7d13807afdb10ac4ed0d00d5250fb0ca
```

First, there is a version number, in this case v2.
Next is the number of iterations used in the hash algorithm, in this case 1000. Next, is the password hash, and finally the salt.

Technical Details

- Passwords are hashed with a 192-bit random salt.
- Only the PBKDF2 hash with HmacSHA1 (10,000 iterations) is stored.

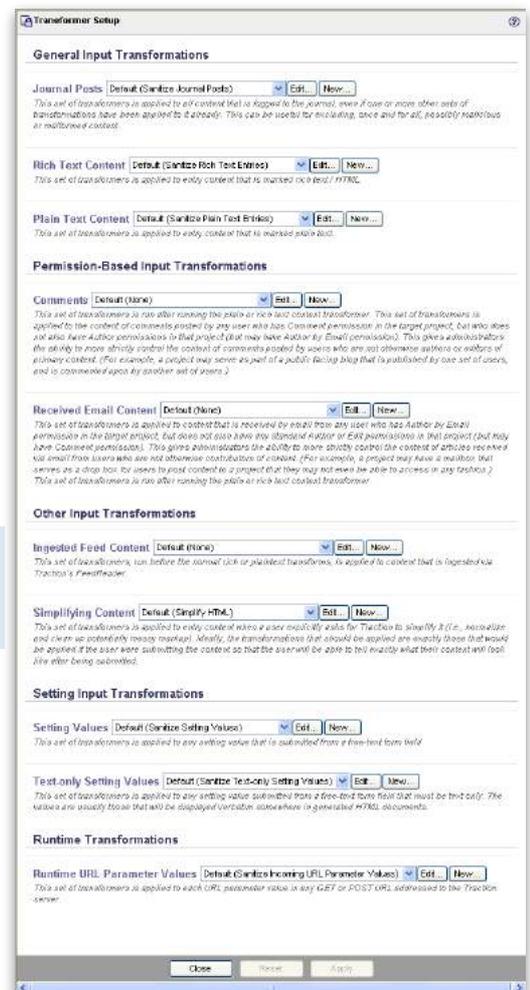
Configuring Cross-Site Scripting Countermeasures

4.8 The designer will ensure the application does not have cross site scripting (XSS) vulnerabilities.(APP3580 CAT I)

In order to prevent cross-site scripting and SQL injection attacks, TeamPage applies configurable transformations to all inputs.

In most cases, the default transformations suffice to guard against attackers embedding JavaScript in form, URL parameters or other inputs, which is the primary way that cross-site scripting attacks are carried out.

If new attacks are discovered, or additional protections needed, the instructions in <https://teampage.tractionsoftware.com/traction/permalink/Doc303> explain how to build and test custom transformers.



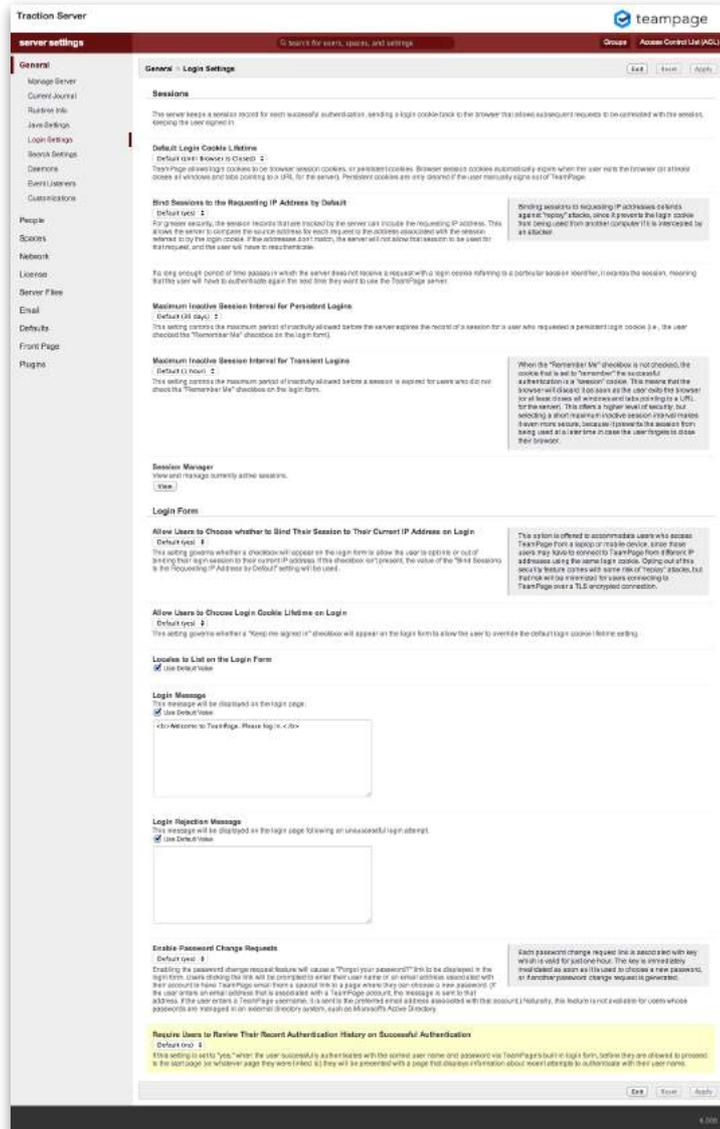
Displaying Important Login Information

4.14 The designer will ensure the application has a capability to notify the user of important login information. (APP366o CAT III)

When logging in directly, after successful authentication, TeamPage can be configured to show a screen with the required information.

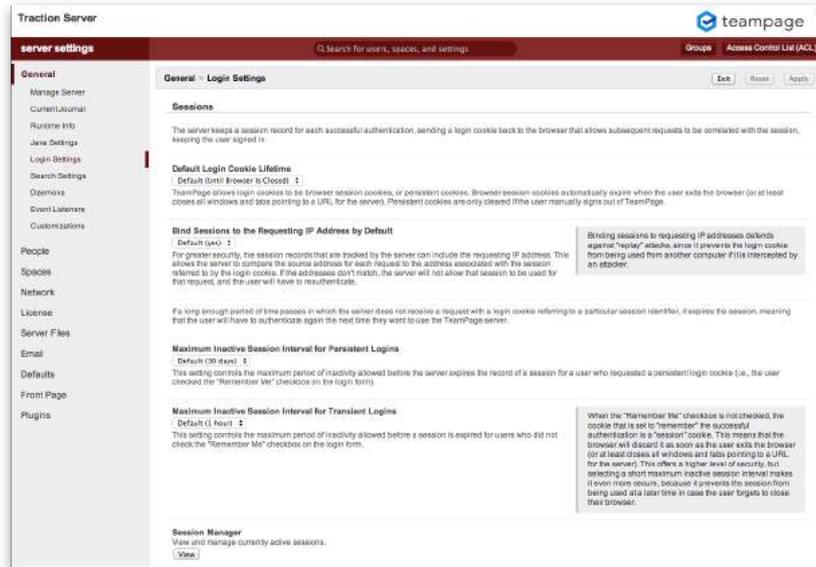


To enable the display of this screen, change this setting from *Default (no)* to *yes*.



DoD TeamPage Configuration Notes

Additional protections can be achieved by shortening sessions and binding them to the IP address of the user's computer. These controls are on this admin page:

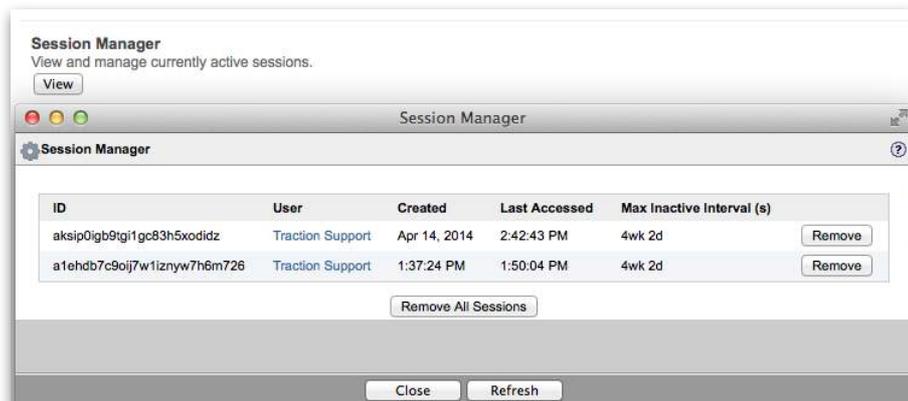


Terminating Sessions

5.2 The designer will ensure the application provides a capability to automatically terminate a session and log out after a system defined session idle time limit is exceeded. (APP3415 CAT II)

The session idle time is controlled by the session settings shown above.

To terminate an active session, open the session manager by clicking the View button.



To immediately terminate the session, click the Remove button next to the session you wish to terminate.

DoD TeamPage Configuration Notes

Tip: You can also access any admin view or settings by typing a few characters of its name into the search box at the top of the setup pages.

