DoD TeamPage Configuration Notes

Traction Software

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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 (<u>https://teampage.tractionsoftware.com/traction/permalink/Doc351</u>).

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 <u>https://</u> teampage.tractionsoftware.com/traction/permalink/Doc264.

Instructions for connecting to Active Directory with NTLMv2 using the JESPA libraries are posted at <u>https://teampage.tractionsoftware.com/traction/space/jespaauth</u>. 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 <u>sales@tractionsoftware.com</u>.

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 <u>https://teampage.tractionsoftware.com/traction/permalink/</u> <u>Customer4532</u>.

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.

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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:PHYyPjEwMDAwOjNjMWIyZGVjMTZkYjFmYWJmZjlkNDYwMTM0YzU2NjAwYWE zN2IwODY2MmE5YmMxYjo3Y2Y2YmU0YmY4ZTFiZDdkMTM4MDdhZmRiMTBhYzRlZDBk MDBkNTI1MGZiMGNhNzc=:1:

A Transformer Setup

General Input Transformations

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

Journal Posts Default (Santize Journal Posts) Edit.... New This and of transformance is applied to of content that is keyped to brainsformations have been applied to it already. This can be us an malformed context. Rich Text Content Default (Santize Rich Text Entries) Edt... New... Plain Text Content Detect (Seritze Plain Text Entries) 🛛 🖉 Edit... New.... Permission-Based Input Transformations Comments Derout (Nore) Edt. New. Received Email Content Defaul (None) Ball., New., Other Input Transformations Ingested Feed Content Default (None) This set of low stimmers, can before the normal Eat. New ... Edt. New. Simplifying Content Default (Simplify HTML) une create up potentially reasily markep) be applied if the user were submitting the line after formers and the Setting Input Transformations Setting Values Default (Sanitize Setting Values) Edt. Now. Runtime Transformations Runfime URL Parameter Values Defeat (Santize Incoming URL Parameter Yelkes) 😴 Edd... New... This set of Installationers is applied to each URL parameter rates is any GET or POST URL addressed to be Tractic This set of bans

Close

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. (APP3660 CAT III)

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

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and to Printer OK	

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

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Customizing Denial of Service Mitigation

The following requirement addresses

 $5.1\,{\rm The}$ designer will ensure the application provides a capability to limit the number of logon sessions per user and per application. (APP3410 CAT II)

Denial of service filtering is enabled by default. You can configure the default settings as needed for your deployment using the *Server Settings > Network > Features/ Tuning > DoS Filtering* controls.

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	Track Connections by Session Identifier				
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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:

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	This setting controls the maximum period of load/vity allowed before a session is expired for users who did not check the "Remarkher Me" checkhor on the kolo form.	authentication is a "session" cooke. This means that the
	contraction of contraction and contraction of the solution	(or at least closes all windows and tabs pointing to a URL
		for the server). This offers a higher level of security, but
		It even more secure, because it prevents the session from
		being used at a later time in case the user forgets to close
		Distribution .
	Sension Managar	
	View and manage currently active seasions.	
	View	

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.

00		Session Ma	nager		
Session Manager					
ID	User	Created	Last Accessed	Max inactive interval (s)	
aksip0igb9tgi1gc83h5xodidz	Traction Support	Apr 14, 2014	2:42:43 PM	4wk 2d	Remove
a1ehdb7c9oij7w1iznyw7h6m726	Traction Support	1:37:24 PM	1:50:04 PM	4wk 2d	Remove
		Remove All Se	essions		

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

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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.

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c	whether to Bind Their Session to Their Current IP of binding their login session to their current
S	P ierver Settings > General
ELFas	Bind Sessions to the Requesting IP Address by Default For greater security, the session records that are tracked lerver Settings > General
S	rack Connections by Session Identifier tracked on a per session basis, when a session lerver Settings > Network
ps	Default Login Cookie Lifetime cookies to be browser <i>session</i> cookies, or persistent Server Settings > General
F	Track Connections by IP Address and Remote Port Number