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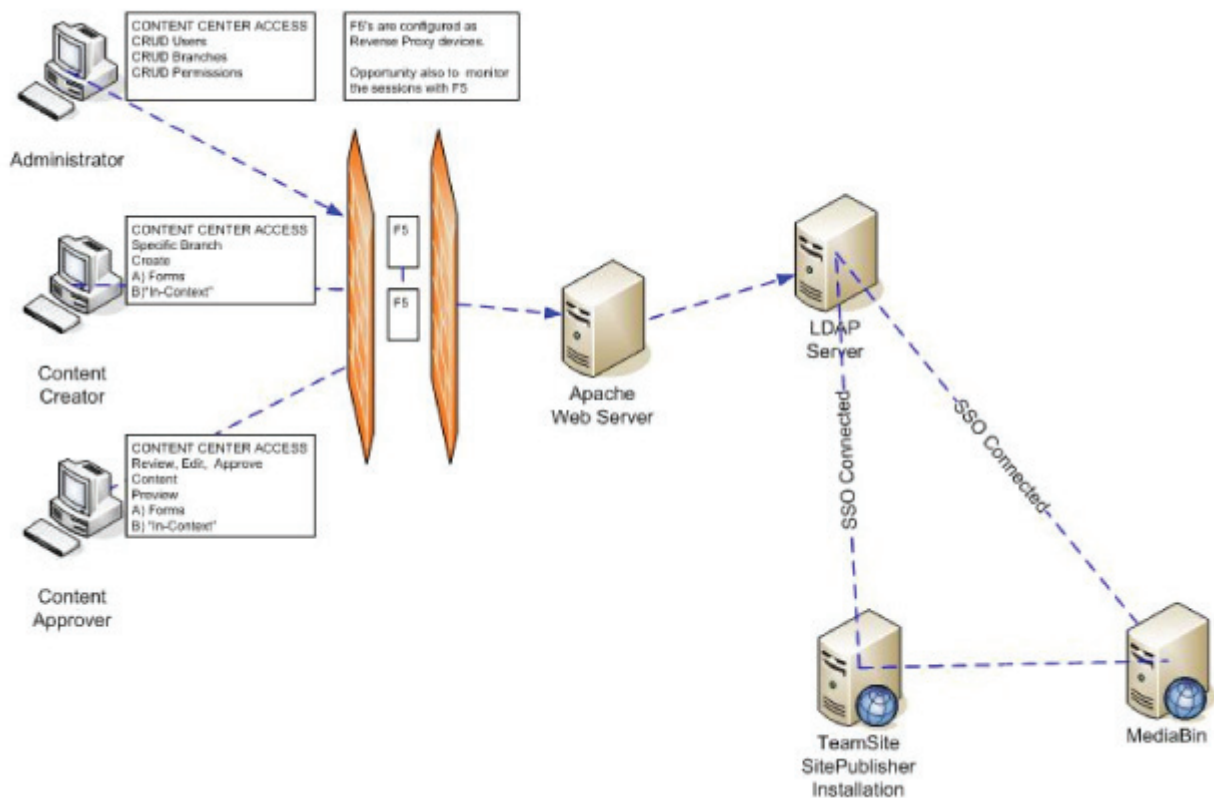
White Paper

SSO Implementation for TeamSite and MediaBin Servers

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Background

Interwoven products are designed for intranet use but sometimes business requirements require all the products be on Internet. Maintaining security, scalability, usability and smooth integration of products together is always tough task to handle. In this solution, we implemented Single Sign-On on MediaBin and TeamSite/SitePublisher servers and used SSL for all communication between the browser and the servers.



Solution Overview

The proposed solution is to allow user access to Interwoven TeamSite and MediaBin instance using the common Sun LDAP credentials by entering them once. Thus, the user will be asked to enter credentials (userid and password) one time in a session and have access to Interwoven TeamSite and MediaBin without being prompted for credentials a second time.

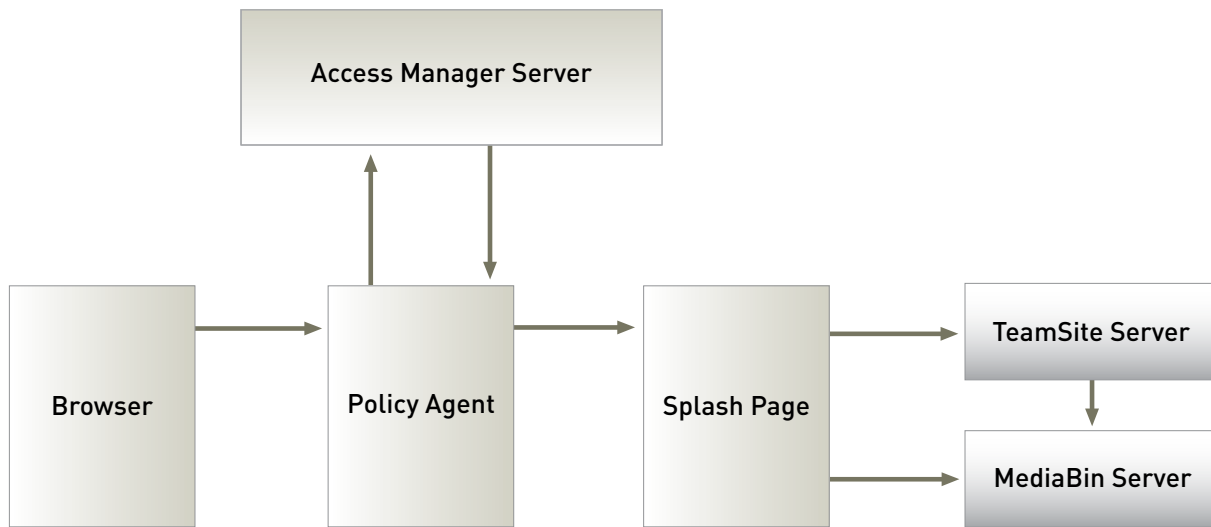
In this architecture, the Policy agent is installed on a separate (apache web server) server and protects both Mediabin and TeamSite server from the outside world. External users authenticate against LDAP using Access Manager Authentication Module. After successful authentication depending on their permission, they will be able to access TeamSite server or MediaBin server or both:- they won't need to enter their credentials to access TeamSite and Mediabin separately. The user will be able to browse Mediabin pages, upload images and set metadata from a link provided in TeamSite server.

Implementation Steps

Following are the detailed implementation steps needed for SSO implementation.

No.	Activity
1	Arrange for the traffic to https://www.cmswebsitename.com to go to the Apache server on which policy agent is installed
	Create a TeamSite/MediaBin splash page with links to MediaBin and TeamSite applications
2	Modify the apache configuration to reverse proxy requests on www.cmswebsitename.com to MediaBin and TeamSite
3	Add Policy Agent to the Acceptance server and use the exiting Access Manager
	Create a new Login Page
	Configure Policy Agent to protect all URLs and to use the new login page
4	Configure Access Manager / Policy Agent to add the required headers for TeamSite SSO
	Modify TeamSite configuration for SSO TeamSite configuration is performed through the UI toolkit. All of the parameters are located in the <code>application_custom.xml</code> file.
5	Register No Authentication MediaBin License in MediaBin server.
	Configure Access Manager / Policy Agent to add the required headers for MediaBin SSO
	Modify MediaBin configuration for SSO

Data and Operation Flow



The sequence of data and operation flow following integration is described in the legend that follows.

1. A TeamSite user accesses the TeamSite server by entering `https://www.cmsweb.sitename.com/iw-cc` in a browser.
2. The policy agent intercepts the request and prompts for a user name and password.
3. A user enters a user name and password.
4. The Policy agent for the SSO product passes the login information to the SSO Policy Server, which authenticates the user.
5. User is redirected to splash page where he can choose MediaBin or TeamSite from a drop down.
6. If user selects TeamSite on step 5, TeamSite sees the authentication cookie that the SSO system has set, looks up the user name, and sets an IWAUTH cookie that TeamSite will use for access control.
7. The policy agent passes the cookie to the user's browser.
8. The cookie is checked each time the user visits a page served by TeamSite.
9. Upon verification, the page is served from TeamSite and displayed in the user's browser.
10. If user selects MediaBin on step 5, MediaBin sees the authentication cookie that the SSO system has set and looks up the user name.
11. Based on user permission, the page is served from MediaBin and displayed in the user's browser.
12. Link to MediaBin home page is provided in TeamSite CCPR0 to allow upload of images and to set metadata.



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About TechAspect

TechAspect is a leading IT company with main focus on implementing and integrating enterprise content management systems, websites and web applications. We build client-facing websites that are fast, easy and compelling. Our content management solutions enable business users to have full control on development, publishing and management of web assets. Some of the world's renowned organizations have chosen TechAspect, including: Anritsu, Affymetrix, Avon, BCBSMA, Genentech, Hertz, Oracle, Intermec and Phillips-Van Heusen.

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