Introduction

Recently I have had a few inquiries regarding integrating WebCenter Sites 11gR1 with social sites. There are several questions about whether there is an out-of-the-box integration or not, and if there is an out-of-the-box integration, what exactly does it provide.

One reason for the confusion is that WebCenter Sites 11gR1 Community-Gadget provides integration with Social. But the integration is limited only to Community-Gadget. It is not for WebCenter Sites' delivery web-site in general. The integration is used only by Community-Gadget to allow a site visitor to comment or provide feedback on existing articles and share the comment or feedback with social sites. This authentication logs-in a visitor on Community-Gadget, and not on WebCenter Sites' visitor site. If a web-site's functionality provides personalization and requires a site visitor to login on the delivery web-site, that login is separate from login to Community-Gadget

WebCenter Sites 11gR1 Community-Gadget provides three ways of integrating with social sites. This is well documented in WebCenter Sites Developer's Guide. I am written this blog, with a view to detail what integration is provided and provide links to detailed step-by-step procedure to configure the integration. This blog is applicable to WebCenter Sites 11gR1 release.

Integrating Community-Gadget with Social Networking

WebCenter Sites Community-Gadget provides integration with social sites. This integration allows WebCenter Sites visitor to authenticate using a social login – Facebook, Twitter, Jainrain, Google, Oracle Mobile and Social Access Service (OMSAS)[1]. This is useful for visitors having existing social profiles who want to use their social profile to comment on article, provide feedback, or rate an article and share the same comment or feedback with their social network.

To authenticate a visitor for WebCenter Site's Community-Gadget the developers have the following options:

- Use the built-in support for Facebook, Twitter, and Google, which is available ready-to-use with the Community-Gadgets web application.
- Use the authentication hub Janrain, to enable access to most prevalent providers available online. Janrain is a SaaS solution that provides integration services with a number of online authentication providers such as Facebook, Twitter, Google, and several others.
- Use the authentication hub, Oracle Mobile and Social Access Service (OMSAS), to enable access to prevalent providers available online. OMSAS is also a solution that provides integration services with a number of online authentication providers such as Facebook, Twitter, Google, and others.

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[1] http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD425

Integration with Facebook:

Integration with Facebook requires that developers first setup a Facebook application and specify the Community Servers' production URL. This is done on the facebook site at https://developers.facebook.com/apps.

Once this is done, the developers need to configure Facebook Application Authentication properties on the Community-Gadgets Web Application on WebCenter Sites delivery system.

The detailed step-by-step instructions for these are given in the WebCenter Sites developers' guide chapter: Integrating with Facebook at URL:
http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD427 [2]

Integration with Twitter:

Integration with Twitter is similar to integration with Facebook. First the developers setup a Twitter application and specify the Community Servers' production URL. This is done on the Twitter site at https://dev.twitter.com/

Once this is done, the developers need to configure Twitter Application Authentication properties on the Community-Gadgets Web Application on WebCenter Sites delivery system.

The detailed step-by-step instructions for these are given in the WebCenter Sites developers' guide chapter: Integrating with Twitter at URL:
http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD435 [3]

Integration with Google:

Integration with Google is also similar to integration with Facebook & Twitter. First the developers setup a Google application and specify the Community Servers' production URL. This is done on the Google site at https://code.google.com/apis/console

Once this is done, the developers need to configure Google Application Authentication properties on the Community-Gadgets Web Application on WebCenter Sites delivery system.

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[2] http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD427
[3] http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD435

The detailed step-by-step instructions for these are given in the WebCenter Sites developers' guide chapter: Integrating with Google at URL:

http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD6386 [4]

Integration with Janrain:

Janrain is a service provider that integrates with a number of social sites and third-party services. The client must subscribe to Jainrain service and choose which third party service ne wants to integrate with. WebCenter Sites fully integrates with Jainrain service. To use Jainrain, client must have an account with Jainrain, next configure a Janrain Application and then to configure Janrain Application Authentication properties on the Community-Gadgets Web Application on WebCenter Sites delivery system.

The detailed step-by-step instructions for integration with Janrain are given in the WebCenter Sites developers' guide chapter: Integrating with Janrain at URL:

http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD440 [5]

Integration with Oracle Internet Access Service and Oracle Access Manager

To integrate WebCenter Sites with Oracle Access Manager, the developers need to:

- Configure WebLogic Server to support Mobile and Social Identity Provider
- Enable Mobile and Social (M&S) Service on OAM
- Define Internet Identity Providers fir OMSAS
- Create a new Mobile & Social Application Profile
- Enable integration of OMSAS with WebCenter Sites Community-Gadget

The detailed information for these steps is given in the WebCenter Sites Developer Guide in the Chapter: Integrating with Oracle Internet Access Service at URL:

http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD6397 .[6]

Summary

To summarize, WebCenter Sites 11gR1 Community-Gadget provides three ways to integrate with social sites. However, this integration is only for use with Community-Gadget, and is not for authenticating a visitor for WebCenter Sites live delivery web-site.

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[4] http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD6386
[5] http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD440
[6] http://docs.oracle.com/cd/E29542_01/doc.1111/e29634/configcommunity.htm#WBCSD6397