Integration SVN to Crowd

Project Name:

Department:

Focus Area: ALM Product

Product/Process:

Prepared By:

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Project Status Report Version Control

Version	Date	Author	Change Description
[Version #]	[mm/dd/yy]	[Change owner]	• [Change 1] • [Change 2] • [Change *n*]

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1 Install Module

1.1 Module Download

다음의 주소를 통해 모듈을 다운로드 합니다.

https://confluence.atlassian.com/display/CROWD/Installing+the+Crowd+Apache+Connecto r+on+CentOS+Linux

CentOS 7 의 경우 다운로드가 되지 않기에 다음의 주소를 통해 소스를 받은 후 빌드합니다.

https://confluence.atlassian.com/display/CROWD/Installing+the+Crowd+Apache+Connecto r+on+Other+UNIX-Like+Systems

NOTE. 직접 빌드할 경우, CentOS 7 이 아닌 6 버전에서 빌드한 이후, 7 로 옮겨야합니다.

1.2 Module Build

다음의 주소에서 현재 시스템에 설치된 동일한 subversion 버전의 subversion-devel rpm 찾아서 설치합니다.

http://rpm.pbone.net/index.php3/stat/4/idpl/25767086/dir/scientific_linux_6/com/subversion-devel-1.6.11-10.el6_5.x86_64.rpm.html

작업할 디렉토리로 이동 후 다음의 명령들을 실행합니다.

#su -c "yum -y install autoconf automake gcc httpd-devel libcurl-devel libtool libxml2-devel mod_dav_svn subversion-devel"

#wget http://downloads.atlassian.com/software/crowd/downloads/cwdapache/mod_authnz_crowd -2.2.2.tar.gz

#tar xzf mod_authnz_crowd-2.2.2.tar.gz

#cd mod_authnz_crowd-2.2.2

#autoreconf –install

#./configure

#make

#su -c "make install"

mod_authnz_crowd.so 를 mod_authnz_crowd.so.0.0.0 로 변경한 뒤 /etc/httpd/modules 로 이동합니다.

1.3 Apache 설정 변경

vhost 설정에서 기존의 인증을 처리하던 설정파일을 주석 처리한 뒤, 새로운 Crowd 설정을 추가합니다. 다음은 예시 설정파일입니다.

Ex)

#vi /etc/httpd/conf.d/vhost.conf

<Location />

      DAV svn

      SVNPath /opt/svn/hhi

      # Limit write permission to list of valid users.

      # Require SSL connection for password protection.

      # SSLRequireSSL

      AuthType Basic

AuthName "Authorization Realm"

\#   AuthUserFile "/opt/svn/conf/svn.passwd"

\#   AuthzSVNAccessFile "/opt/svn/conf/svn.authz"

AuthBasicProvider crowd

CrowdAppName svn

CrowdAppPassword svn

CrowdURL http://192.168.0.80:8095

CrowdCreateSSO off

Require valid-user

</Location>

http 를 재시작합니다.

\#service httpd restart

2 Crowd Setting

2.1 Add application

Crowd 의 상단 메뉴에서 Applications 를 선택 후, 좌측 패널의 Add application 을 클릭합니다.

이후 다음 그림과 같이 설정한 뒤, Next 버튼을 클릭합니다.

(본 문서에서는 이름과 암호를 svn / svn 으로 설정합니다)

Add application

Application type*	Generic Application ▼
	Are you connecting JIRA to Crowd, or perhaps Confluence or Bamboo?
Name*	svn
	The unique name that the application will use to authenticate against the Crowd framework as a client.
Description	
	A short description of the application. Often a URL is helpful.
Password*	•••
Confirm password*	•••

Next Cancel

다음과 같이 SVN 이 동작중인 서버의 URL 을 입력한 뒤 Resolve IP Address 버튼을 클릭합니다.

Add application - svn

URL*	http://192.168.0.60 Resolve IP Address
	The URL where this application resides, e.g. https://jira.atlassian.com
Remote IP address*	192.168.0.60
	The IP address for the application, e.g. 127.0.0.1

Next Cancel

Crowd Internal Directory 를 사용하도록 체크한 뒤 Next 버튼을 클릭합니다.

Add application - svn

Please select the directories you are going to let this application use for authentication and authorisation.
☑ Smart INS Crowd
    Crowd Internal Directory

Next Cancel

Allow all users to authenticate 에 체크한 뒤 Next 버튼을 클릭합니다.

Add application - svn

Either 'allow all' users access from a given directory to the 'svn' application, or choose the specific groups from each directory.

Directory – Smart INS Crowd
    ☑ Allow all users to authenticate
    Let all users in this directory authenticate against the 'svn' application.

Next Cancel

Add application 버튼을 클릭하여 완료합니다.

Add application - svn

Application type	**Generic Application**
Name	**svn**
URL	**http://192.168.0.60**
Remote IP address	**192.168.0.60**

Directory – Smart INS Crowd

Authorised groups   All users in this directory have access to the 'svn' application.

Add application Cancel

2.2 SVN login with crowd

SVN 주소로 접속하여 Crowd user 로 접속 가능한지 확인합니다.

3 참고자료

Apache - SVN 연동:

https://confluence.atlassian.com/display/CROWD/Integrating+Crowd+with+Apache#IntegratingCrowdwithApache-configuringauth

Module download:

https://confluence.atlassian.com/display/CROWD/Installing+the+Crowd+Apache+Connector+on+CentOS+Linux

https://confluence.atlassian.com/display/CROWD/Installing+the+Crowd+Apache+Connector+on+Other+UNIX-Like+Systems