

04.Crowd & Bamboo SSO



Crowd 와 Bamboo 제품에 대한 SingleSignOn 설정 관련 정보입니다.

Product	Version
Crowd	2.11.2
Bamboo	6.1.x

1.Crowd 설정

1) Crowd에 bamboo 기본 그룹 생성

- bamboo-admin
- bamboo-user (optional)

2) Bamboo Application 생성

- Application Name 과 Password는 User Directory 설정에 사용할 예정

2.Bamboo 설정

1) Bamboo Base URL 설정

- 관리자 계정 로그인 -> 우측 기어아이콘 클릭 후 Overview -> General configuration -> Base URL 정보를 도메인으로 설정

General configuration

You may change the following Bamboo configuration properties.

What is the name of this Bamboo instance?

Name

The name of this Bamboo instance.

What is the server's address?

Base URL

This is the base URL of this installation of Bamboo. All links created (for emails etc) will be prefixed by This URL.
for example "http://ci.alm.com:8085"

2) 관리자 계정 로그인 -> 우측 기어아이콘 클릭 후 User management 선택 -> SECURITY탭에서 User repositories 클릭 -> users and groups from JIRA or Crowd 옵션 선택 -> crowd Application 정보 입력

- Save 완료 후 **Synchronize now** 실행

SECURITY

Users
Groups
Authors
Security settings
Global permissions
User repositories

User repositories

Bamboo can manage its own users and groups or obtain them from another source.

☐ Local users and groups
Users and groups are stored and managed in Bamboo.

☒ Users and groups from JIRA or Crowd
Users and groups are stored and retrieved from a JIRA or Crowd server.

① When changing from local to remote, you will be logged out if user does not exist on the remote server.

Server URL*
For example, http://example.com:8080/ or http://example.org:8095/crowd

Application name*
Bamboo authenticates with JIRA or Crowd using this name.

Application password*
Bamboo authenticates with JIRA or Crowd using this password.

Cache refresh interval*
Time (in minutes) between updating the list of users and groups.

Synchronisation can take a long time depending on the number of users to synchronise. See notes on integrating Bamboo with Crowd to learn more.

You can also connect Bamboo directly to Microsoft active directory or to another LDAP server. Refer to the documentation on integrating Bamboo with LDAP to learn more.

3) Bamboo 서비스 중지

4) Crowd 설정 파일을 Bamboo에 복사

Copy From	Copy To
CROWD/client/crowd-integration-client-X.X.X.jar	BAMBOO/webapp/WEB-INF/lib (Bamboo 4.0이후 버전은 jar파일이 이미 포함되어 있으므로 생략해도 된다.)
CROWD/client/conf/crowd.properties	Bamboo 3.1 이하 버전 : BAMBOO/webapp/WEB-INF/classes Bamboo 3.2 이상 버전 : BAMBOO_HOME/xml-data/configuration <ul style="list-style-type: none"> application.name, application.password, application.login.url 정보들을 수정 Crowd에서 생성할 때 설정한 값 입력 <pre> 1 application.name bamboo 2 application.password bamboo 3 application.login.url http://crowd.alm.com:8095/crowd/console/ 4 5 crowd.server.url http://crowd.alm.com:8095/crowd/services/ 6 crowd.base.url http://crowd.alm.com:8095/crowd/ 7 8 session.isauthenticated session.isauthenticated 9 session.tokenkey session.tokenkey 10 session.validationinterval 2 11 session.lastvalidation session.lastvalidation 12 cookie.tokenkey crowd.token_key </pre>
CROWD/client/conf/crowd-ehcache.xml	Bamboo 3.1 이하 버전 : BAMBOO/webapp/WEB-INF/classes Bamboo 3.2 이상 버전 : BAMBOO_HOME/xml-data/configuration

5) <bamboo install directory>/atlassian-bamboo/WEB-INF/classes/seraph-config.xml 수정

1. 56라인 주석 처리

주석 전	<authenticator class="com.atlassian.bamboo.user.authentication.BambooAuthenticator"/>
주석 후	<!-- <authenticator class="com.atlassian.bamboo.user.authentication.BambooAuthenticator"/> -->

- 57라인에 아래 내용 추가

<authenticator class="com.atlassian.crowd.integration.seraph.v25.BambooAuthenticator"/>

[설정 화면]

```
54 <!-- Determines what roles (permissions) a user has. -->
55 <rolemapper class="com.atlassian.bamboo.user.authentication.BambooRoleMapper"/>
56 <!-- <authenticator class="com.atlassian.bamboo.user.authentication.BambooAuthenticator"/> -->
57 <authenticator class="com.atlassian.crowd.integration.seraph.v25.BambooAuthenticator"/>
58 <controller class="com.atlassian.bamboo.user.authentication.BambooSecurityController"/>
59 <elevatedsecurityguard class="com.atlassian.bamboo.user.authentication.BambooElevatedSecurityGuard"/>
```

6) Bamboo 서비스 기동

Atlassian 참고 URL

<https://confluence.atlassian.com/crowd/integrating-crowd-with-atlassian-bamboo-198785.html>

<https://confluence.atlassian.com/bamboo/integrating-bamboo-with-crowd-289277217.html>