

Openfire Project Overview

Service:

- Openfire RTC (real time collaboration) Server (XMPP/Jabber protocol based)
 - Openfire 4.3.2 Bundled JRE 64-bit Windows
- Spark RTC Client
 - Spark 2.8.3 offline install (includes JRE)

Server Layout:

OpenFire application: hosted on Ben's server

PostgreSQL database: hosted on Kelly's server

Active Directory (LDAP Protocol): hosted on Mary's server

VM IPs:

Ben's Server: 141.210.25.10

Kelly's Server: 141.210.25.51

Mary's Server: 141.210.25.76

Documentation:

Ben's Server:

- Hostname: openfire
- Fully Qualified Domain Name: openfire.triplethreat.local
- AD Username: bdreher
- AD Password: Fire238!
- Enable SSL between Openfire server and AD (LDAP protocol) server for secure communication. Can edit SSL configuration through Admin Console or manually edit the OpenFire.xml configuration file. Need to set the LDAP port setting to 636. Need to export the self-signed certificate provided by Openfire for the server and import it into the truststore on the client (AD server).
- <http://download.igniterealtime.org/openfire/docs/latest/documentation/install-guide.html>

Kelly's Server:

- Hostname: openfiredb
- Fully Qualified Domain Name: openfiredb.triplethreat.local
- Port Number: 5432
- Database Name: openfire
 - Username: openfireuser
 - Owner of the openfire database
 - Password: B3ta237!

- AD Username: kkurkowski
- AD Password: Fire238!
- Administrator Password: Wildfire238!
- <http://download.igniterealtime.org/openfire/docs/latest/documentation/database.html>

Mary's Server:

- Hostname: ad01
- Fully Qualified Domain Name: ad01.triplethreat.local
- Domain Name: triplethreat.local
- Base DN (Users and Groups directory): CN=Users,DC=triplethreat,DC=local
- Administrator DN: See OpenFire Service Account DN
- AD Username: meshiner
- AD Password: Fire238!
- Administrator Password: Firestar238!
- OpenFire Service Account
 - Username: svc_openfire
 - Password: Alphastar238!
 - Mirrored access from Administrator
 - DN: CN=svc_openfire,CN=Users,DC=triplethreat,DC=local
- <https://www.sonicwall.com/en-us/support/knowledge-base/170502286430803>
- <http://download.igniterealtime.org/openfire/docs/latest/documentation/ldap-guide.html>
- <https://blogs.msdn.microsoft.com/microsoftrservertigerteam/2017/04/10/step-by-step-guide-to-setup-ldaps-on-windows-server/> Setting up LDAP Guide

References:

<https://www.igniterealtime.org/projects/openfire/>
<https://www.igniterealtime.org/projects/openfire/documentation.jsp>
<https://www.igniterealtime.org/downloads/index.jsp>