Configuration Management Workbooks

1. Deploy NodeJS app to Production

Application has Dependency on Redis & Mongodb

References:

* <https://www.digitalocean.com/community/tutorials/how-to-set-up-a-node-js-application-for-production-on-ubuntu-14-04>
* App: <https://github.com/tellform/tellform>

1. Setup HAProxy Load balancing for tomcat web application

References:

* <https://www.digitalocean.com/community/tutorials/an-introduction-to-haproxy-and-load-balancing-concepts>
* <https://openmrs.org/download/>

1. Setup Syslog Server and configure syslog in other Servers

References:

* <https://www.computernetworkingnotes.com/rhce-study-guide/how-to-configure-syslog-server-in-linux.html>

1. Configure LDAP Server and activate on Clients

References:

* <http://www.learnitguide.net/2016/01/configure-openldap-server-on-rhel7.html>

1. Create an SSL For Tomcat Server and configure any java app to work with https

References:

* <https://tomcat.apache.org/tomcat-7.0-doc/ssl-howto.html>
* <https://dzone.com/articles/setting-ssl-tomcat-5-minutes>
* <https://www.mulesoft.com/tcat/tomcat-ssl>

1. Create an SSL For Nginx

References:

* <https://www.digitalocean.com/community/tutorials/how-to-create-an-ssl-certificate-on-nginx-for-ubuntu-14-04>

1. Create and SSL for Apache

References:

* <http://www.onlamp.com/pub/a/onlamp/2008/03/04/step-by-step-configuring-ssl-under-apache.html>
* <https://support.rackspace.com/how-to/installing-an-ssl-certificate-on-apache/>

1. Integrate Ansible with Jenkins to Deploy nodejs app to production
2. Deploy python Django app to production

References:

* <https://gist.github.com/Atem18/4696071>

1. Managing firewalls with iptables
2. Managing fail2ban to ban malicious IP addresses
3. Managing mysql installations & Timely backups

References:

* <https://www.garron.me/en/articles/mysql-backup-restore.html>

1. Managing Postgress Installation & timely backups

References:

* <https://www.digitalocean.com/community/tutorials/how-to-backup-postgresql-databases-on-an-ubuntu-vps>

1. Deploy .net application to Windows IIS Server

References:

1. Deploy python app to Production:

References:

* <https://www.phusionpassenger.com/library/walkthroughs/deploy/python/ownserver/apache/enterprise/deploy_app_main.html>

1. Deploy Ruby app to production

References:

* <https://gorails.com/deploy/ubuntu/16.04>