**BUILD AND DEPLOYMENT PROCESS GUIDELINE**

**Version 1.1**

**Prepared by**



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| Document Revision History | | | | | | | | | |
|  |  | **Author Details** | |  | **Review Details** | | **Approver Details** | |
| **Sr. No** | **Version** | **Created By** | **Creation Date** | **Changes incorporated in briefs** | **Reviewed by** | **Reviewed Date** | **Approved by** | **Approved Date** |
| **DD-MMM-YY** | **DD-MMM-YY** | **DD-MMM-YY** |
| 1 | 1.0 | Sanket Joshi | 03-12-18 | Build deployment process guideline added. |  |  |  |  |
| 2 | 1.1 | Sanket Joshi | 06-12-18 | Deployment process updated. |  |  |  |  |
| 3 | 1.2 | Sanket Joshi | 16-01-19 | Jasper Report copy step added. |  |  |  |  |
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# Prerequisites & Mandatory Guidelines for development team

* Test your all changes locally before committing source to SVN.
* Do not forget to commit all dependant and newly added files.
* Before committing any changes in entity classes review your code from your lead and take approval of DB team (Shamik and Nilima).
* Developer will not commit any change during build process.
* Send email for any configuration related changes to Build Team and all developers.

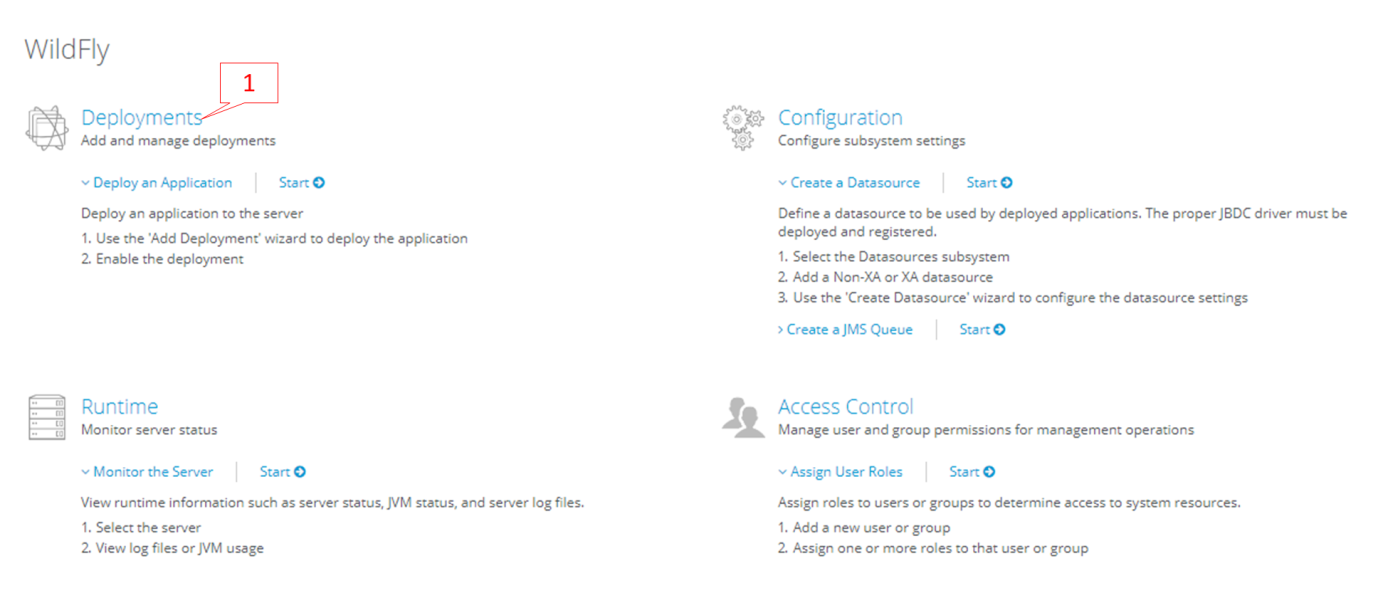
# Prerequisites & Mandatory Guidelines for build team

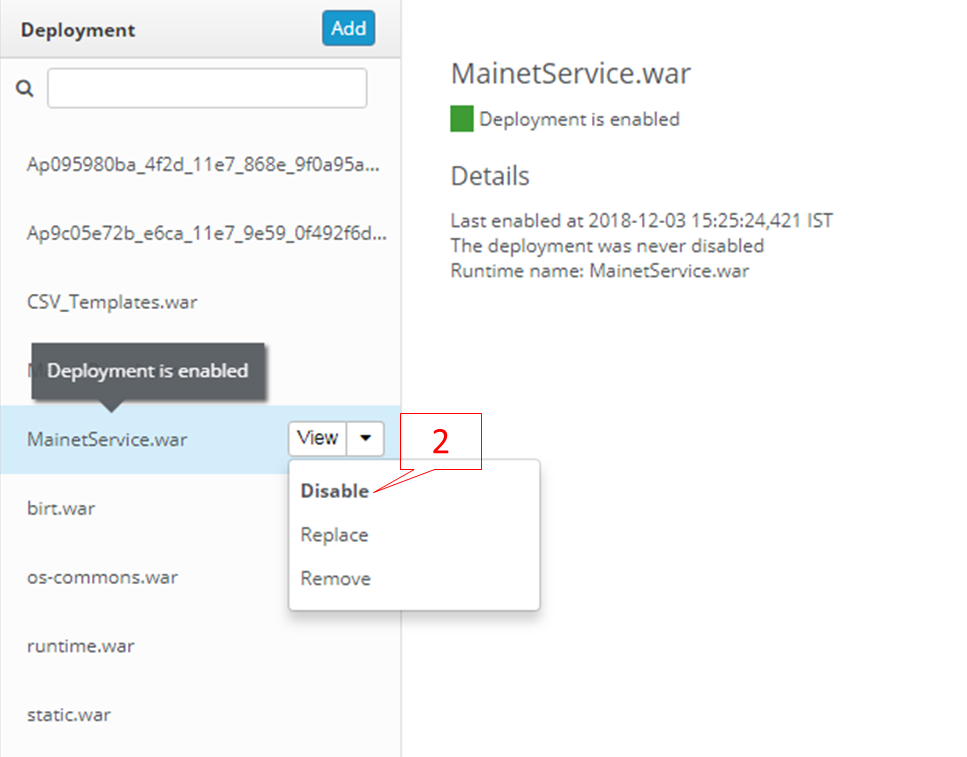
* Before sending any build inform whole development & testing team on mail.
* Any changes related server configuration should be accepted only on mail.
* In case of failure due to any coding issue please contact respective developers.
* In case of failure in database related build please contact database team.
* For any Application Server or Jenkins related issue contact Sanket/Lalit/Vardan.
* After successful build and deployment inform development, testing and production team with latest SVN tag released and following Build Template on mail.

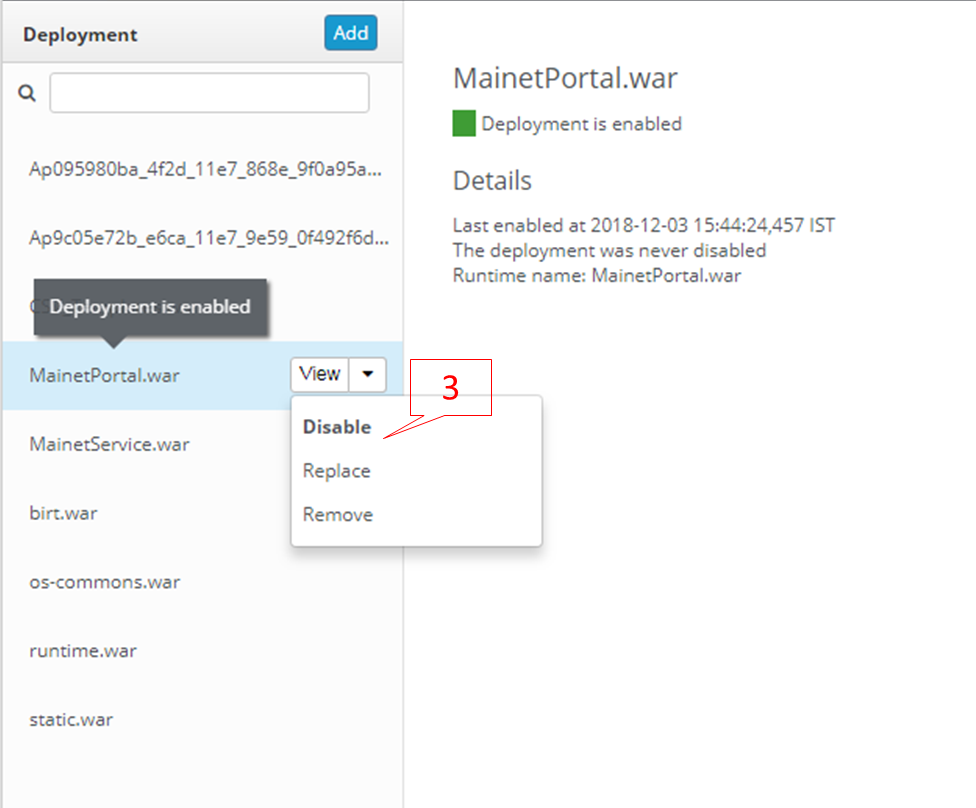


# Steps for daily scrum builds

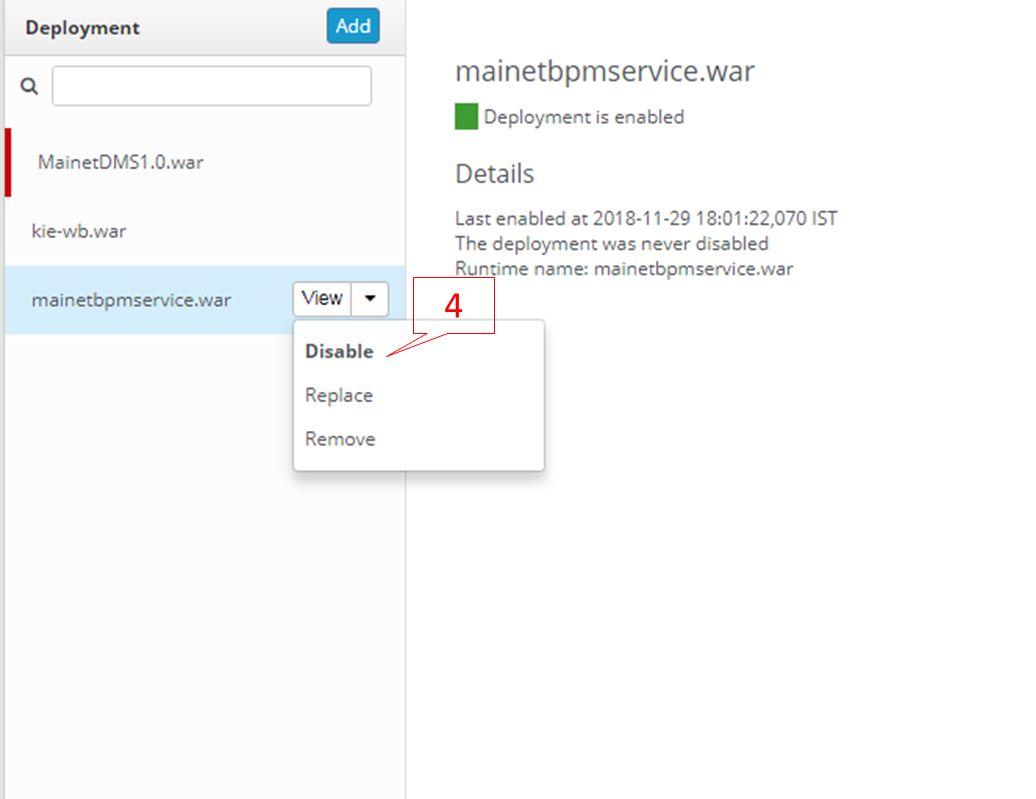
1. Disable applications by using WildFly server administration console –
   * Service/Portal WildFly Console URL – <http://192.168.100.157:10000>
   * Username/Password: PRODUCTADMIN/ PRODUCTADMIN
   * Login to WildFly server administration console and navigate to Deployments



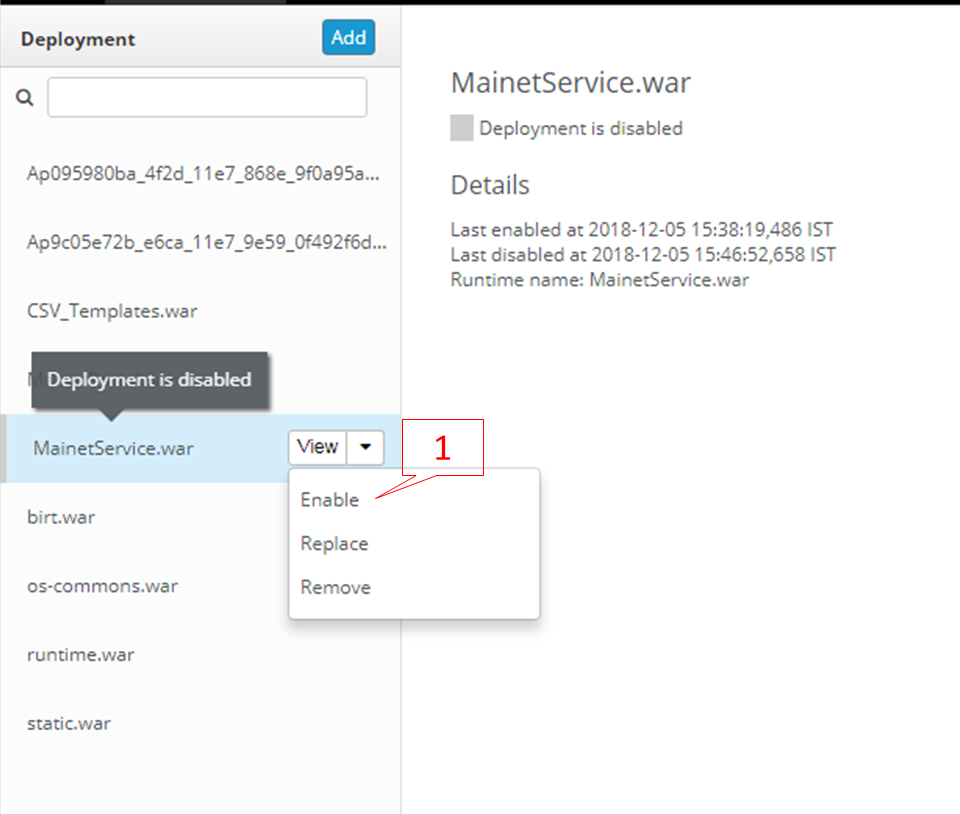


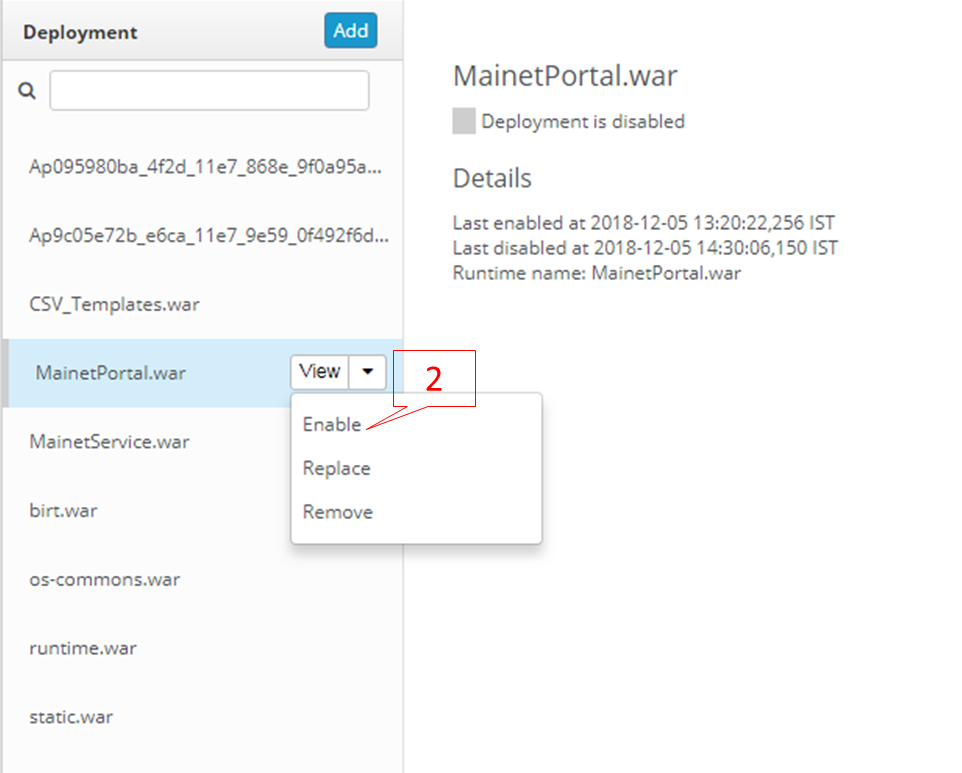


* + BPM/DMS WildFly Console URL – <http://192.168.100.198:9991>
  + Username/Password: admin/admin



1. Then run Liquibase job for Service and Portal with builds required parameters. (This is separate database , currently copy of production)
   * Service DB job name - **Dev\_DB\_MainetService**
   * Portal DB job name - **Dev\_DB\_MainetPortal**
   * For both jobs select ‘**update**’ in **LQB\_OPTIONS**.
2. Replace updated Label property files. (Always refer latest version from SVN only )
   * Mainet\_Label (mainetPortal-web\src\main\webapp\WEB-INF\i18n)
   * Product\_Service\_Label (MainetServiceWeb\src\main\webapp\WEB-INF\i18n)
   * Product\_Service\_Label\tempfiles\jasperReport (MainetServiceWeb\src\main\webapp\jasperReport)
3. Update server configuration files if any change request by any developer and restart application servers.
4. Then run Application job.
   * Service application job name - **Dev\_App\_MainetService**
   * Portal application job name - **Dev\_App\_MainetPortal**
   * BPM application job name - **Dev\_App\_MainetBPMService**
   * DMS application job name - **Dev\_App\_MainetDMSService**
5. After successfully execution of all deployment jobs, enable all applications which were disabled (at Step 1) by using WildFly server administration console.





# Jenkins environment

URL - <http://192.168.100.157:8080>

Username – ScrumBuild

Password – ScrumBuild@157!