

Title:	CLUWE Web Tool System Configuration Specification
---------------	---

Document Number:	ITLIB-CSV-005860-CLUWE Web Tool System Configuration Specifications	
Version: 2	Reviewers – Date (YYYY-MM-DD) and Time Approved. ITL Reviewer - Sheppard Christopher - 2016-09-27T16:24:14	
Status (at print): Effective	ITL Reviewer - Fleig David Christian - 2016-09-27T16:24:33	
Effective Date: 2016-09-28T10:09:17	Approvers – Date (YYYY-MM-DD) and Time Approved. ITL Quality Approver - Dickson James W - 2016-09-27T23:29:46 ITL Approver - Azimi Mohsen - 2016-09-28T10:07:19	

If you are using a printed copy of this document, check that the version number is consistent with the current version number located in the Regulus system. This page does not display more than 25 signatures or signatures obtained outside the system. Refer to local standard operating procedures for additional information.



CONFIDENTIAL

TITLE: CLUWE WEB TOOL SYSTEM CONFIGURATION SPECIFICATION

REVIEWERS

Your electronic signature indicates that you have reviewed this document and that for your area of expertise, agree it is accurate and complete.

IT Subject Matter Expert

Quality Consultant

APPROVERS

System Custodian

Your electronic signature attests that:

- The system configuration specifications were written and reviewed by the appropriate subject matter experts, are complete and accurate
- Meet the requirements of Lilly Quality Practice *Requirements and Design* (LQP302-16)

Computer System Quality Assurance Representative

Your electronic signature attests that this document complies with Corporate Computer Systems (CCS) Lilly Quality Standards and Practices.

TITLE: CLUWE WEB TOOL SYSTEM CONFIGURATION SPECIFICATION

PURPOSE

This System Configuration Specification document provides information necessary for support teams to build and maintain the CLUWE Web Tool. It will be kept updated in order to present the current configuration information.

SCOPE

The following are in scope:

- Web Tool web servers and Load Balancers
- Isilon Network Attached Storage (NAS) Cluster
- Oracle Database
- ActiveMQ Brokers

The following are out of scope:

- SAS Grid
- Integration Broker

ACRONYMS AND DEFINITIONS

The terms and acronyms in this document are defined at their first occurrence.

DOCUMENT REVISION HISTORY

Version	Revision Date	Reason for Revision (Include CR#, if Applicable)	Revised By, Title
2	23 Sep 2016	Updated per CHG0988306. Added section 2, monitoring tools.	John Jason Rees, IT SME
1	24 Aug 2016	Updated per CHG0783626. Changes made to the following sections: Updated scope section 1.1.1, 1.1.2, 1.1.3, added domain 1.2.1, 1.2.1, 1.2.3, added platform 1.3: updated version requirements 1.4: refreshed repository URL	David Fleig, IT SME
0	7-Oct-2015	New Document.	David Fleig, Execution Lead

Table of Contents

1. SYSTEM CONFIGURATION	4
1.1 HARDWARE PLATFORMS.....	4
1.1.1 Development.....	4
1.1.2 Quality Assurance (QA).....	4
1.1.3 Production.....	4
1.2 SOFTWARE PLATFORMS.....	5
1.2.1 Development.....	5
1.2.2 Quality Assurance (QA).....	5
1.2.3 Production.....	6
1.3 DESKTOP/CLIENT PLATFORMS	6
1.4 SOURCE CODE MODULES.....	7
1.5 APPLICATION INTERACTIONS.....	7
2. MONITORING TOOLS	7
2.1 LOCK-IN-PLACE	7
2.2 VERSIONING	7
2.3 ESIGNATURE.....	7
3. REFERENCES	7

1. SYSTEM CONFIGURATION

1.1 Hardware Platforms

Refer to documentation maintained by the specified hardware support team for the information such as, hardware supplier, hardware (make/type) and model of hardware, the supplier name, and version of operating system, where applicable.

1.1.1 Development

Machine Name	Hardware Support Team
cluwe-d1.am.lilly.com	Web Hosting Organization
cluwe-d2.am.lilly.com	Web Hosting Organization
cluwe-d3.am.lilly.com	Web Hosting Organization
cluwe-d4.am.lilly.com	Web Hosting Organization
cluwe-d.am.lilly.com	Global Telecommunications
crossfire.am.lilly.com	Enterprise Data Team
Statsclstr-d.am.lilly.com \\statsclstr-d nfs:statsclstr-d	Core Domain Services Development
amqdev1.am.lilly.com	Web Hosting Organization

1.1.2 Quality Assurance (QA)

Machine Name	Hardware Support Team
cluwe-q1.am.lilly.com	Web Hosting Organization
cluwe-q2.am.lilly.com	Web Hosting Organization
cluwe-q3.am.lilly.com	Web Hosting Organization
cluwe-q4.am.lilly.com	Web Hosting Organization
cluwe-q.am.lilly.com	Global Telecommunications
dedra.am.lilly.com	Enterprise Data Team
Statsclstr-q.am.lilly.com \\statsclstr-q nfs:statsclstr-q	Core Domain Services Development
amqqa1.am.lilly.com	Web Hosting Organization
amqqa2.am.lilly.com	Web Hosting Organization
amqqa3.am.lilly.com	Web Hosting Organization

1.1.3 Production

Machine Name	Hardware Support Team
cluwe-p1.am.lilly.com	Web Hosting Organization
cluwe-p2.am.lilly.com	Web Hosting Organization
cluwe-p3.am.lilly.com	Web Hosting Organization

Machine Name	Hardware Support Team
cluwe-p4.am.lilly.com	Web Hosting Organization
cluwe.am.lilly.com	Global Telecommunications
caliber.am.lilly.com	Enterprise Data Team
statsclstr.am.lilly.com \\statsclstr nfs:statsclstr	Core Domain Services Development
amqprd1.am.lilly.com	Web Hosting Organization
amqprd2.am.lilly.com	Web Hosting Organization
amqprd3.am.lilly.com	Web Hosting Organization

1.2 Software Platforms

1.2.1 Development

System Component	Required Software and Version	Software Supplier	Software Support Team	Current Server(s)
jBoss Enterprise Access Platform (EAP)	6.4	RedHat	Web Hosting Team	cluwe-d1 cluwe-d2
Apache ActiveMQ	5.1	Apache	Web Hosting Team	amqdev1
Database	12c	Oracle	Enterprise Data Team	Caliber (dev880)
Isilon Platform API	7	EMC	Core Domain Services Development	statsclstr
Java for jBoss execution	8	Oracle	Web Hosting Team	cluwe-d1 cluwe-d2
Java for CLUWE Services	8	Oracle	GSS-IT Team	cluwe-d3 cluwe-d4
sasgsub	9.4	SAS	Enterprise Analytics	/sasfs mounted from calculagpfs01

1.2.2 Quality Assurance (QA)

System Component	Required Software and Version	Software Supplier	Software Support Team	Current Server(s)
jBoss Enterprise Access Platform (EAP)	6.4	RedHat	Web Hosting Team	cluwe-q1 cluwe-q2
Apache ActiveMQ	5.1	Apache	Web Hosting Team	amqqa1 amqqa2 amqqa3

System Component	Required Software and Version	Software Supplier	Software Support Team	Current Server(s)
Database	12c	Oracle	Enterprise Data Team	dedra (qar880)
Isilon Platform API	7	EMC	Core Domain Services Development	statsclstr
Java for jBoss execution	8	Oracle	Web Hosting Team	cluwe-q1 cluwe-q2
Java for CLUWE Services	8	Oracle	GSS-IT Team	cluwe-q3 cluwe-q4
sasgsub	9.4	SAS	Enterprise Analytics	/sasfs mounted from calculagpfs01

1.2.3 Production

System Component	Required Software and Version	Software Supplier	Software Support Team	Current Server(s)
jBoss Enterprise Access Platform (EAP)	6.4	RedHat	Web Hosting Team	cluwe-p1 cluwe-p2
Apache ActiveMQ	5.1	Apache	Web Hosting Team	amqprd1 amqprd2 amqprd3
Database	12c	Oracle	Enterprise Data Team	Caliber (prd880)
Isilon Platform API	7	EMC	Core Domain Services Development	statsclstr
Java for jBoss execution	8	Oracle	Web Hosting Team	cluwe-p1 cluwe-p2
Java for CLUWE Services	8	Oracle	GSS-IT Team	cluwe-p3 cluwe-p4
sasgsub	9.4	SAS	Enterprise Analytics	/sasfs mounted from calculagpfs01

1.3 Desktop/Client Platforms

Following is a list of required software for the client machine that may not be standard for a Lilly desktop client configuration.

Required Software and Version	Software Supplier	Software Support Team
Internet Explorer 11 or higher	Microsoft	Workplace Services

1.4 Source Code Modules

Source code is managed through in both Subversion (SVN) and Team Foundation Server (TFS). SVN is used for daily code management as it integrates with the development tools and the Jenkins Continuous Integration server. TFS is used to store code deployed it is deployed to QA and Production.

- Redmine SVN Server Web Access:
<http://redmine.am.lilly.com/projects/cluwe/repository/show/webapp/trunk>
- Redmine SVN Server SVN Access: <http://redmine.am.lilly.com/svn/cluwe/webapp/trunk>
- TFS Server: ix1tfsprod01.rf.lilly.com
- TFS Collection and Project: Central_Instance_Collection1 / CLUWE

1.5 Application Interactions

No application interactions exist between the CLUWE Web Tool web application and the jBoss platform. For integrations with other applications refer to the *CLUWE Web Tool System Overview*.

2. MONITORING TOOLS

2.1 Lock-in-Place

Lock-In-Place can be monitored via the URL: <https://cluwe.am.lilly.com/monitoring/lock-in-place>

2.2 Versioning

Versioning can be monitored via the URL: <https://cluwe.am.lilly.com/monitoring/version>

2.3 ESignature

ESignature can be monitored via the URL: <https://cluwe.am.lilly.com/monitoring/signature>

3. REFERENCES

A current list of system-specific documents stored in Regulus can be generated using Regulus. The documents are stored in the IT Library Regulus repository at *IT_Library > LRL IT > Systems C to D > CLUWE Web Tool and IT_Library > LRL IT Secure > Systems C to D > CLUWE Web Tool*.