|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Online Quoting Tool  Front End Installation Book  Version S1F44 | | | | | |
| Written by | | Verified by | | Approved by | |
| Name | Sopra | Name |  | Name |  |
| Date | 29/06/2018 | Date |  | Date |  |

Document Modifications

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| S1F1 | 10/02/2014 | Add JBOSS and Apache installation |
| S1F2 | 23/02/2014 | Add server port |
| S1F3 | 01/03/2014 | AR/2014.202128-C.01 |
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| S1F5 | 13/06/2014 | Take into account remarks |
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| S1F14 | 14/10/2015 | Updated for Release 5.1 : No change in document |
| S1F15 | 08/12/2015 | Updated for release 6.0:   * Added CSV files path for : * PATH\_CSV\_FILES\_VIDEO\_OT * PATH\_CSV\_FILE\_FUNCTIONALITY\_ON\_OFF * PATH\_CSV\_FILES\_ORDER\_STATUS * PATH\_CSV\_FILES\_DELIVERY\_INFO\_PARAMS * Added URL for ManageCustomerOrderCustomerOrderCapturePort WS to fetch previous Gold orders. * Updated symbolic links for log files (AR/2015.209210-C.01) |
| S1F15 | 23/12/2015 | Updated for release 6.0:   * Added URL for COMSCORE |
| S1F17 | 23/02/2016 | Updated for release 6.2:   * Updated CSV name and path for: * PATH\_CSV\_FILE\_OQT\_PARAMETERS |
| S1F18 | 18/03/2016 | Release 6.3: no change in document |
| S1F19 | 08/04/2016 | Release 6.4: no change in document for infra upgrade  Release 7.0:   * Added CSV files path for * PATH\_CSV\_FILES\_DISCONNECT\_REQUEST\_PARAMS |
| S1F20 | 28/04/2016 | Release 7.0: changes for AMD V1   * Added CSV files path for * PATH\_CSV\_FILES\_STATUS\_ACTIONS\_OT |
| S1F21 | 21/06/2016 | Release 7.1: Added CSV path for   * PATH\_CSV\_FILE\_IC01\_TO\_BE\_IGNORED |
| S1F22 | 08/08/2016 | Release 8 : Added CSV path for   * PATH\_CSV\_FILES\_QUESTIONS\_ANSWERS\_PARAMS * PATH\_CSV\_FILE\_IC01\_TO\_BE\_IGNORED   PATH\_CSV\_FILE\_DEFAULT\_IC01 |
| S1F23 | 17/10/2016 | Release 8.1 : No change in the document |
| S1F24 | 07/12/2016 | Release 9 : Added CSV path for   * PATH\_CSV\_FILE\_SITE\_WARNING |
| S1F25 | 20/12/2016 | Release 9 : Added CSV path for   * PATH\_CSV\_FILE\_RELEASE\_NOTIFICATION |
| S1F26 | 19/01/2017 | Release 9 : No change in document |
| S1F27 | 03/02/2017 | Release 9.1 : No change in document |
| S1F28 | 07/03/2017 | Release 9.2 : No change in document |
| S1F29 | 03/04/2017 | Release 10.0 : No Change in document |
| S1F30 | 18/07/2017 | Release 10.1 : Updated SWAMI URLs |
| S1F31 | 08/08/2017 | Release 11.0: No change in document |
| S1F32 | 21/08/2017 | Release 11.0: Added new input parameter for CORE WS request as CORE\_SITE\_STATUS |
| S1F33 | 22/09/2017 | Release 11.0: No change in document |
| S1F34 | 01/11/2017 | Release 11.1 |
| S1F35 | 20/12/2017 | Release 12.0 : updated UAT infra URLs |
| S1F36 | 18/10/2018 | Release 12.0: No change in Document |
| S1F37 | 08/02/2018 | Release 12.1: No change in Document |
| S1F38 | 14/3/2018 | Release 12.2 G2 certificates installation |
| S1F39 | 11/04/2018 | Release 13.0: No change in Document |
| S1F40 | 25/04/2018 | Release 13.0: https url changes for frontend to backend web services |
| S1F41 | 25/04/2018 | Release 13.0: change BigIP url to http |
| S1F42 | 25/04/2018 | Release 13.1: No change in the document |
| S1F43 | 14/06/2018 | Release 13.1: No change in the document |
| S1F44 | 29/06/2018 | Release 13.2: No change in the document |

Related Documents

|  |  |  |
| --- | --- | --- |
| Code | Name | Author |
|  |  |  |
|  |  |  |
|  |  |  |

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# Introduction

Please read this chapter carefully.

## Presentation

The aim of this document is to describe the installation process of the Online Quoting Tool (OQT) application for the FrontEnd Web Application Servers (WAS). It is separated in two main parts:

* Prerequisites Installation : instructions must be followed once (after the system, and Platon software installation)
* Application Installation: instructions must be followed after each application release.

Architecture macro design diagram:



(The private DMZ for OQT Frontend will be done in a further release.)

## Involved servers

The following table lists the different VM on which Frontend and Backend part of the OQT application will be installed.

It also lists the BigIP access of Frontend part and Backend part.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Environment | Name | IP |  | Frontend/backend ? |
| P.PROD | vs30-oqtpreprodfront-go | 10.238.30.38 | VS | Frontend |
| P.PROD | lx02642d-go | lx02642d-go 10.238.3.126 lx02642d-bo2 10.238.52.13 | VM | Frontend1 |
| P.PROD | lx02643d-go | lx02643d-go 10.238.3.127  lx02643d-bo2 10.238.52.14 | VM | Frontend2 |
| P.PROD | vs30-oqtpreprodback-go | 10.238.30.39 | VS | Backend |
| P.PROD | lx02644d-go | lx02644d-go - 10.238.3.128 lx02644d-bo2 - 10.238.52.15 | VM | Backend1 |
| P.PROD | lx02645d-go | lx02645d-go - 10.238.3.129 lx02645d-bo2 - 10.238.52.16 | VM | Backend2 |
| PROD | vs30-oqtprodfront-go | 10.238.30.40 | VS | Frontend |
| PROD | lx02646d-go | lx02646d-go - 10.238.3.130 lx02646d-bo2 - 10.238.52.17 | VM | Frontend1 |
| PROD | lx02647d-go | lx02647d-go - 10.238.3.131 lx02647d-bo2 - 10.238.52.18 | VM | Frontend2 |
| PROD | vs30-oqtprodback-go | 10.238.30.41 | VS | Backend |
| PROD | lx02648d-go | lx02648d-go - 10.238.3.132 lx02648d-bo2 - 10.238.52.19 | VM | Backend1 |
| PROD | lx02649d-go | lx02649d-go - 10.238.3.133 lx02649d-bo2 - 10.238.52.20 | VM | Backend2 |

bo2 : back-office 2

## Directory tree

Please check that the directory tree is correctly implemented.

/

opt/

var/

opt/

oqtfe/

oqtfe/

GxxRxxCxx/

jboss/

application/

current

data/

log/

apache2215/

flat/

oqtfe/

## Groups and users

|  |  |  |  |
| --- | --- | --- | --- |
| Directory | Right | User | Group |
| /var/opt/data/log/oqtfe/ | rwxr-xr-x | oqtfe | oqtfe |
| /var/opt/data/flat/oqtfe/ | rwxr-xr-x | oqtfe | oqtfe |
| /opt/application/oqtfe/ | rwxr-xr-x | oqtfe | oqtfe |

# Prerequisites

It’s necessary for the installer to have a basic knowledge on Unix and to know the use of a Unix text Editor (i.e. vi).

The software components are:

| Name | Version | Description | H/ware ref. | Licence Number | Notes |
| --- | --- | --- | --- | --- | --- |
| Operating system | | | | | |
| RHEL 6.2 64 Bits | 6.2 |  | TODO |  | Master Linux G2R1C0 |
| WAS, Web Servers | | | | | |
| Jboss AS  Apache  Open JDK  Ant | 7.2.0  2.2.15  1.7.0.9  1.9.2 | j2ee application server  http server  Java Development Kit  Java build tool | M01-1, M01-2 |  |  |

Prerequisites are available on lx01692d-new-prod.prod.ren.globalone.net under /images/OQT/PLI

## Prerequisites installation

This chapter describes JBOSS and Apache installation.

JBOSS installation includes Open JDK and Ant installation.

### JBOSS Installation

Installation must be done as a root user.

#### untar the software archive

In this chapter, INSTALL\_DIR is the directory /images/jboss/7.2.0.

This directory must be empty (before untar) and dedicated to JBoss installation.

As a root user, execute the following commands :

|  |
| --- |
| **# mkdir –p /images/jboss/7.2.0**  **# cd /images/jboss/7.2.0**  **# tar –xvf \*\*\*/PA-JBO-AS720-RDG02R01C01.tar** |

\*\*\* is the directory where JBOSS tar has been copied.

#### software installation

As a root user, execute the following command :

|  |
| --- |
| **# ./jboss-install.sh –s**  INFO - JBoss bundle installation script started Mon Dec 9 16:26:36 CET 2013  ==========================================================================  STEP A Checking conditions of installation Mon Dec 9 16:26:36 CET 2013  ==========================================================================  INFO - Checking if user is root  INFO - Checking if JBoss AS Orange bundle is already installed  INFO - Checking if newer version of JBoss AS Orange bundle is already installed  INFO - Checking environment  INFO - Checking available space on disk  ==========================================================================  STEP B Installing Java product Mon Dec 9 16:26:39 CET 2013  ==========================================================================  INFO - Installing openJDK's logical volume  INFO - Installing openJDK's components  INFO - Installing giflib-4.1.6-3.1.el6.x86\_64  INFO - Installing tzdata-java-2012c-1.el6.noarch  INFO - Installing alsa-lib-1.0.22-3.el6.x86\_64  INFO - Installing jpackage-utils-1.7.5-3.12.el6.noarch  INFO - Installing libogg-1.1.4-2.1.el6.x86\_64  INFO - Installing flac-1.2.1-6.1.el6.x86\_64  INFO - Installing jline-0.9.94-0.8.el6.noarch  INFO - Installing libasyncns-0.8-1.1.el6.x86\_64  INFO - Installing libvorbis-1.2.3-4.el6.x86\_64  INFO - Installing libsndfile-1.0.20-5.el6.x86\_64  INFO - Installing rhino-1.7-0.7.r2.2.el6.noarch  INFO - Installing pulseaudio-libs-0.9.21-14.el6\_3.x86\_64  INFO - Installing ttmkfdir-3.0.9-32.1.el6.x86\_64  INFO - Installing libfontenc-1.0.5-2.el6.x86\_64  INFO - Installing libXfont-1.4.5-2.el6.x86\_64  INFO - Installing xorg-x11-font-utils-7.2-11.el6.x86\_64  INFO - Installing xorg-x11-fonts-Type1-7.2-9.1.el6.noarch  INFO - Installing java-1.7.0-openjdk-1.7.0.25-2.3.10.5.el5\_9.x86\_64  INFO - Installing java-1.7.0-openjdk-devel-1.7.0.25-2.3.10.5.el5\_9.x86\_64  INFO - Installing fontpackages-filesystem-1.41-1.1.el6.noarch  INFO - Installing dejavu-fonts-common-2.30-2.el6.noarch  INFO - Installing dejavu-sans-fonts-2.30-2.el6.noarch  INFO - Adding signature file for openJDK  ==========================================================================  STEP C Installing jboss product Mon Dec 9 16:26:52 CET 2013  ==========================================================================  INFO - Creating logical volumes for JBoss...  INFO - Creating filesystem for jboss...  INFO - Creating file system for jboss 7.2.0  INFO - Creation of user jboss (4500) of group jboss (4500)  INFO - Creating jboss filetree...  INFO - Creating jboss table  INFO - Registering jboss service  INFO - Installing logrotate files  INFO - Copying datasource files  INFO - Copying analysis tools  INFO - Creating signature files  ==========================================================================  STEP D Installing Ant product Mon Dec 9 16:26:56 CET 2013  ==========================================================================  INFO - Extracting Ant product  INFO - Changing owner of /opt/jboss/7.2.0/ant-1.9.2  ==========================================================================  STEP E Checking installation of jboss bundleMon Dec 9 16:26:56 CET 2013  ==========================================================================  INFO - Looking for signatures  INFO - Checking Ant directory  INFO - Checking openJDK RPM  INFO - Checking JBoss AS's logical volumes  INFO - Installation succeeded Mon Dec 9 16:26:57 CET 2013, for more information  see /var/opt/log/install/install\_jboss\_7.2.0\_20131209\_16H26.log |

#### environment variables

load the environment variables with the following command :

|  |
| --- |
| **# source /etc/jboss-env** |

#### Application instance creation

as a root user, execute the following commands :

|  |
| --- |
| **# cd /opt/jboss/tools-og**  **# ./jboss-create-instance.sh –i oqtfe –o G00R00C01 –u oqtfe –http 8080 –ajp 9005**  **# ./jboss-switch-activation.sh -i oqtfe -o G00R00C01 -a Y** |

### Apache Installation

Installation must be done as a root user.

#### Untar the software archive

Create the directory.

As a root user, execute the following commands:

|  |
| --- |
| **# mkdir –p /images/apache/2.2.15**  **# cd /images/apache/2.2.15**  **# tar –xvf \*\*\*/PA-APA-APA2215-RDG02R01C02.tar** |

\*\*\* is the directory where Apache tar has been copied.

#### software installation

As a root user, excute the following commands :

|  |
| --- |
| **# cd /images/apache/2.2.15**  **# ./apa\_install.ksh** |

#### Check the httpd version

As a root user, execute the following command :

|  |
| --- |
| **# httpd -v**  Server version: Apache/2.2.15 (Unix)  Server built: Feb 7 2012 09:50:11 |

#### Création de l’instance applicative

|  |
| --- |
| **# cd /opt/apache/bin/**  **# ./apa\_creinstance.ksh oqtfe java G00R00C01 oqtfe oqtfe infravg 10000 n y 80 n NA 9005 eth0 y** |

## Logs’ management

### Httpd logrorate

Check that the file httpdoqtfe under /etc/logrotate.d has been created during Apache PLI installation.

It should have the following content :

|  |
| --- |
| # @(#):Version:2.0.0  #-----------------------------------------------------------------------------------------------------  # Copyright(c) 2012 France Telecom Corporation. All Rights Reserved.  #  # NAME  # httpd.logrotate  #  # DESCRIPTION  # Logrotate configuration for Apache HTTP Server  #  # REMARKS  #  # CHANGE LOGS  # Claude LOUNGUIDY (FT/OLNC/IBNF/ITE/ECV) - 2011/11/25 - v1.0.0 - Creation  # Claude LOUNGUIDY (FT/OLNC/IBNF/ITE/ECV) - 2012/02/28 - v2.0.0 - Modification  # Configuration file for Common Bundle Servers G2R1 (RHEL 6.2)  #----------------------------------------------------------------------------------------------------  #  /opt/application/oqtfe/current/apache2215/logs/\*log {  daily  create 644 root root  rotate 14  compress  delaycompress  notifempty  missingok  sharedscripts  postrotate  /bin/kill -USR1 `cat /opt/application/oqtfe/current/apache2215/run/httpd.pid 2>/dev/null` 2> /dev/null || true  endscript  } |

### Jboss logrotate

as a root user, execute the following command :

|  |
| --- |
| # ln -sf /opt/application/oqtfe/current/jboss/standalone/logrotate/instanceLogrotate.properties /etc/logrotate.d/jbossOqtfe |

### Update Symbolic link for Jboss and Apache logs in production:

Following symbolic links are required to be updated in production:

* For JBOSS : /opt/application/oqtfe/current/jboss/standalone/log -> /var/opt/data/log/oqtfe/jboss
* For Apache : /opt/application/oqtfe/current/apache2215/logs -> /var/opt/data/log/oqtfe/apache

Note: This change is done in accordance with AR/2015.209210-C.01.

## Environment Variables

The Java and Jboss environment variables should be set through /etc/jboss-env script generated during Jboss PLI installation.

Check that Jboss and Java environment variables are correctly initialized under *root* and *aqoqtwas* unix users environment:

for root:

* env

for oqtfe :

* su – oqtfe
* env

The variables must be set as follows (name/value):

* JBOSS\_HOME /opt/jboss/7.2.0
* JAVA\_HOME /opt/openJDK/1.7.0.25-2.3.10.5/usrlib/jvm/java-1.7.0-openjdk.x86\_64

If these variables are not correctly set, the script /etc/jboss-env should be sourced in the *.bash\_profile* file of the *oqtfe* and root unix user.

## 

## Parameters

### UAT Platforms

|  |  |  |
| --- | --- | --- |
| Key | UAT Frontend1 | UAT Frontend2 |
| SERVICES\_URL\_MANAGEQUOTEREQUEST | https://lx02624d-int.dc.rns.equant.com:8443/BackEnd/services/quoteRequest | <not in use> |
| SERVICES\_URL\_MANAGEQUOTE | http://vs28-quoto-ws-uat.dc.rns.equant.com/manageQuote/services/manageQuote | <not in use> |
| SERVICES\_URL\_SWAMI\_DATA | http://vs28-duo-proxy-uat.dc.rns.equant.com:8080/SWAMIGTW/services/GetCurrentDataPerimeter | < not in use > |
| SERVICES\_URL\_SWAMI\_CONTACT | http://vs28-duo-proxy-uat.dc.rns.equant.com:8080/SWAMIGTW/services/ManageUserIdentity | < not in use > |
| SERVICES\_URL\_MANAGE\_PARTY | https://lx02624d-int.dc.rns.equant.com: 8443/BackEnd/services/manageParty | < not in use > |
| IP\_ADDRESS | 10.238.26.195 | 10.238.27.147 |
| SERVICES\_URL\_MANAGE\_CUSTOMER\_TEAM | http://vs28-quoto-ws-uat.dc.rns.equant.com/managePartyCustomerDataManagement/services/managePartyCustomerDataManagement | < not in use > |
| SERVICES\_URL\_CORE\_SITE\_REFERENTIAL | http://rcorp22-cin-02dev-uat-csm.sso-dev.infra.ftgroup/sitesApi/v1/geographicSites?appname=OQT | < not in use > |
| SERVICES\_USERNAME\_CORE\_SITE\_REFERENTIAL | CoreSiteAPI | < not in use > |
| SERVICES\_PASSWORD\_CORE\_SITE\_REFERENTIAL | Uh5P6RfE | < not in use > |
| SERVICES\_URL\_FIND\_AND\_GET\_SITE | http://gold.uat.equant.com/home/gold/web-services/ManageLocationResourceInventoryPort | < not in use > |
| CORE\_SITE\_MAX\_SEARCH\_RESULT | 500 | < not in use > |
| CORE\_SITE\_STATUS | 1 | Not in use |
| SERVICES\_URL\_MANAGECUSTOMERORDER | https://lx02624d-int.dc.rns.equant.com: 8443/BackEnd/services/manageOrderTracking | < not in use > |
| SERVICES\_URL\_PREVIOUS\_GOLD\_ORDERS | http://gold.uat.equant.com/home/gold/web-services/ManageCustomerOrderCustomerOrderCapturePort | < not in use > |
| SERVICES\_URL\_COMSCORE | //tags.tiqcdn.com/utag/orange/obscare/qa/utag.js | < not in use > |
| SERVICES\_URL\_INFORMONQUOTEREQUEST | http://vs28-quoto-ws-uat.dc.rns.equant.com/informOnQuoteRequest/services/informOnQuoteRequest | < not in use > |

### Pre Production Platforms

|  |  |  |
| --- | --- | --- |
| Key | pre-prod Frontend1 | Pre-prod Frontend2 |
| SERVICES\_URL\_MANAGEQUOTEREQUEST | http://<preprod backend>/BackEnd/services/quoteRequest | <same as Frontend1> |
| SERVICES\_URL\_MANAGEQUOTE | <http://vs-quoto-ws-pexp-fo-sce.prod.ren.globalone.net>/manageQuote/services/manageQuote | <same as Frontend1> |
| SERVICES\_URL\_SWAMI\_DATA | http://vs28-duo-proxy-uat.dc.rns.equant.com:8080/SWAMIGTW/services/GetCurrentDataPerimeter | <same as Frontend1> |
| SERVICES\_URL\_SWAMI\_CONTACT | http://vs28-duo-proxy-uat.dc.rns.equant.com:8080/SWAMIGTW/services/ManageUserIdentity | <same as Frontend1> |
| SERVICES\_URL\_MANAGE\_PARTY | http://<preprod backend>:/BackEnd/services/manageParty | <same as Frontend1> |
| IP\_ADDRESS | 10.238.3.126 | 10.238.3.127 |
| SERVICES\_URL\_MANAGE\_CUSTOMER\_TEAM | <http://vs-quoto-ws-pexp-fo-sce.prod.ren.globalone.net>/managePartyCustomerDataManagement/services/managePartyCustomerDataManagement | <same as Frontend1> |
| SERVICES\_URL\_CORE\_SITE\_REFERENTIAL | http://wsoiObs-http1wRest-preprod.equant.com:80/CIN\_COREINTL/geographicSites-1?appname=OQT | <same as Frontend1> |
| SERVICES\_USERNAME\_CORE\_SITE\_REFERENTIAL | QTO\_QUOTO-QTO\_OQT | <same as Frontend1> |
| SERVICES\_PASSWORD\_CORE\_SITE\_REFERENTIAL | FhiK8^0F | <same as Frontend1> |
| SERVICES\_URL\_FIND\_AND\_GET\_SITE | <http://gold.preprod.equant.com/home/gold/web-services/ManageLocationResourceInventoryPort> | <same as Frontend1> |
| CORE\_SITE\_MAX\_SEARCH\_RESULT | 500 | <same as Frontend1> |
| CORE\_SITE\_STATUS | 1 | <same as Frontend1> |
| SERVICES\_URL\_MANAGECUSTOMERORDER | http:// <preprod backend>//BackEnd/services/manageOrderTracking | <same as Frontend1> |
| SERVICES\_URL\_PREVIOUS\_GOLD\_ORDERS | <http://gold.preprod.equant.com/home/gold/web-services/ManageCustomerOrderCustomerOrderCapturePort> | <same as Frontend1> |
| SERVICES\_URL\_COMSCORE | //tags.tiqcdn.com/utag/orange/obscare/qa/utag.js | <same as Frontend1> |

N.B.: MSS has no pre-production platform so UAT values will be used. So SERVICES\_URL\_SWAMI\_DATA and SERVICES\_URL\_SWAMI\_CONTACT have the same value than UAT platform.

### Production Platforms

|  |  |  |
| --- | --- | --- |
| Key | prod Frontend1 | prod Frontend2 |
| SERVICES\_URL\_MANAGEQUOTEREQUEST | http://<prod backend>/BackEnd/services/quoteRequest | <same as Frontend1> |
| SERVICES\_URL\_MANAGEQUOTE | <http://farm-quoto-ws-fo-sce.prod.ren.globalone.net>/manageQuote/services/manageQuote | <same as Frontend1> |
| SERVICES\_URL\_SWAMI\_DATA | http://vs31-duo-proxy-prod.dc.rns.equant.com:8080/SWAMIGTW/services/GetCurrentDataPerimeter | <same as Frontend1> |
| SERVICES\_URL\_SWAMI\_CONTACT | http://vs31-duo-proxy-prod.dc.rns.equant.com:8080/SWAMIGTW/services/ManageUserIdentity | <same as Frontend1> |
| SERVICES\_URL\_MANAGE\_PARTY | http://<prod backend>/BackEnd/services/manageParty | <same as Frontend1> |
| IP\_ADDRESS | 10.238.3.130 | 10.238.3.131 |
| SERVICES\_URL\_MANAGE\_CUSTOMER\_TEAM | <http://farm-quoto-ws-fo-sce.prod.ren.globalone.net>/managePartyCustomerDataManagement/services/managePartyCustomerDataManagement | <same as Frontend1> |
| SERVICES\_URL\_CORE\_SITE\_REFERENTIAL | http://wsoiObs-http1wRest-prod.equant.com:80/CIN\_COREINTL/geographicSites-1?appname=OQT | <same as Frontend1> |
| SERVICES\_USERNAME\_CORE\_SITE\_REFERENTIAL | QTO\_QUOTO-QTO\_OQT | <same as Frontend1> |
| SERVICES\_PASSWORD\_CORE\_SITE\_REFERENTIAL | CdNz+5:M | <same as Frontend1> |
| SERVICES\_URL\_FIND\_AND\_GET\_SITE | <http://gold.online.equant.com/home/gold/web-services/ManageLocationResourceInventoryPort> | <same as Frontend1> |
| CORE\_SITE\_MAX\_SEARCH\_RESULT | 500 | <same as Frontend1> |
| CORE\_SITE\_STATUS | 1 | <same as Frontend1> |
| SERVICES\_URL\_MANAGECUSTOMERORDER | http:// <prod backend>//BackEnd/services/manageOrderTracking | <same as Frontend1> |
| SERVICES\_URL\_PREVIOUS\_GOLD\_ORDERS | <http://gold.online.equant.com/home/gold/web-services/ManageCustomerOrderCustomerOrderCapturePort> | <same as Frontend1> |
| SERVICES\_URL\_COMSCORE | //tags.tiqcdn.com/utag/orange/obscare/prod/utag.js | <same as Frontend1> |

### Common Parameters (UAT/Pre-Prod/Production Platforms)

|  |  |
| --- | --- |
| Key | UAT/Pre-Prod/Production |
| PATH\_CSV\_FILES\_CURRENCIES | /var/opt/data/flat/oqtfe/currencies.csv |
| PATH\_CSV\_FILES\_COUNTRIES | /var/opt/data/flat/oqtfe/countries.csv |
| PATH\_CSV\_FILES\_PRODUCTS | /var/opt/data/flat/oqtfe/products/ |
| PATH\_CSV\_FILES\_STATUS\_ACTIONS | /var/opt/data/flat/oqtfe/status\_actions.csv |
| PATH\_CSV\_FILES\_REASON\_FOR\_REJECTION | /var/opt/data/flat/oqtfe/reasons\_for\_rejection.csv |
| PATH\_CSV\_FILES\_TYPES | /var/opt/data/flat/oqtfe/types.csv |
| PATH\_CSV\_FILES\_FAGSERRORS | /var/opt/data/flat/oqtfe/fagserrors.csv |
| PATH\_CSV\_FILES\_REQUEST\_TYPES | /var/opt/data/flat/oqtfe/request\_types.csv |
| PATH\_CSV\_FILES\_VIDEO | /var/opt/data/flat/oqtfe/video.csv |
| PATH\_JSON\_FILES\_QRF | /var/opt/data/flat/oqtfe/ |
| PATH\_CSV\_FILES\_VIDEO\_OT | /var/opt/data/flat/oqtfe/videoOT.csv |
| PATH\_CSV\_FILE\_OQT\_PARAMETERS | /var/opt/data/flat/oqtfe/OQT\_Parameters.csv |
| PATH\_CSV\_FILES\_ORDER\_STATUS | /var/opt/data/flat/oqtfe/order\_status.csv |
| PATH\_CSV\_FILES\_DELIVERY\_INFO\_PARAMS | /var/opt/data/flat/oqtfe/deliveryInformationParameters.csv |
| PATH\_CSV\_FILES\_DISCONNECT\_REQUEST\_PARAMS | /var/opt/data/flat/oqtfe/disconnectRequestParameters.csv |
| PATH\_CSV\_FILES\_STATUS\_ACTIONS\_OT | /var/opt/data/flat/oqtfe/status\_actions\_ot.csv |
| PATH\_CSV\_FILE\_IC01\_TO\_BE\_IGNORED | /var/opt/data/flat/oqtfe/Inactive\_Ic01s.csv |
| PATH\_CSV\_FILES\_QUESTIONS\_ANSWERS\_PARAMS | /var/opt/data/flat/oqtfe/feedbackQuestionsAnswers.csv |
| PATH\_CSV\_FILE\_IC01\_TO\_BE\_IGNORED | /var/opt/data/flat/oqtfe/Inactive\_Ic01s.csv |
| PATH\_CSV\_FILE\_DEFAULT\_IC01 | /var/opt/data/flat/oqtfe/Default\_Ic01s.csv |
| PATH\_CSV\_FILE\_SITE\_WARNING | /var/opt/data/flat/oqtfe/site\_warning.csv |
| PATH\_CSV\_FILE\_RELEASE\_NOTIFICATION | /var/opt/data/flat/oqtfe/release\_notification.csv |

# Application Installation

In the all document replace GxxRxxCxx with the Goroco.to use.

The OQT packages are delivered on the delivery platform (lx01692d) under the directory /users/oqt/DevDeliveries/GxxRxxCxx. The delivered file for the backend server is:

* oqtfe-GxxRxxCxx.tar
* After all prerequisites installation, application installation is the same for installation from scratch or update installation.

## Application Deployment and data installation

Please, do the following operations as a **root** user:

1. Stop Apache and Jboss:
   * + service httpd stop oqtfe
     + service jboss stop oqtfe
2. Delete the symbolic link “current”
   * + cd /opt/application/oqtfe/
     + rm current

*Note: If the system ask confirmation, confirm the suppression*

1. Untar the tar file:

* cd /
* tar –xvf oqtfe-GxxRxxCxx.tar

1. Create the symbolic link ”current”
   * cd /opt/application/oqtfe/
   * ln -s GxxRxxCxx current
2. Activate new version for jboss
   * sed -ri "s/G[0-9]{2}R[0-9]{2}C[0-9]{2}/GxxRxxCxx/g" /etc/jbosstab
3. Set the key parameters

Some files (listed below) contains key that must be replace by values. The association key/value are specify in paragraph *2.4. Parameters*.

List of file containing key to replace:

* + file="/opt/application/oqtfe/current/jboss/standalone/modules/conf/main/properties/oqt-frontend.properties"
  + file=”/opt/application/oqtfe/current/jboss/standalone/configuration/standalone.xml”

1. Copy data files to /var/opt/data/flat/oqtfe/

* cp –r /opt/application/oqtfe/current/data/files/\* /var/opt/data/flat/oqtfe/
* rm –r /opt/application/oqtfe/current/data/

1. Make application directory trees belonging to oqtfe user :

* chown –R oqtfe:oqtfe /opt/application/oqtfe/
* chown –R oqtfe:oqtfe /var/opt/data/flat/oqtfe/
* chown –R oqtfe:oqtfe /var/opt/data/log/oqtfe/oqt.log\*
* chown –R oqtfe:oqtfe /var/opt/data/log/oqtfe/server.log\*

1. Start Apache and Jboss :

* service start httpd oqtfe
* service start jboss oqtfe

## Checking the Installation

Try the monitoring jsp: http://<dns>/OQT/oqtMonitoring.jsp

# Application uninstallation

After application installation, to remove old application version, please delete the previous GoRoCo directory:

* rm –rf /opt/application/oqtfe/<previous GoRoCo>/

Where <previous GoRoCo> is the previous application version.

# Server restart

This chapter describes services that must be started or stopped in case of server start or shutdown.

## Start

Oqtfe instance of Jboss and Apache must be started:

As a root user :

* service start jboss oqtfe
* service start httpd oqtfe

## Shutdown

Oqtfe instance of Jboss and Apache must be stopped:

as a root user :

* service stop httpd oqtfe
* service stop jboss oqtfe

# Import self-signed certificates in jvm keystore

Note: To be done for Release 12.2(March patch only) only.

In order to have JVM allowing oqt (client application) to access web services, we need to import web service self-signed certificate in the JVM keystore.

### Certificates

#### Needed certificates

Following is the information of certificates and the hosted WS:

Certificates for UAT:

|  |  |
| --- | --- |
| **Certificate from(Provider app)** | **Certificates - UAT:** |
| G2 | 1. Orange\_Internal\_G2\_Root\_CA.cer 2. Orange\_Internal\_G2\_Server\_CA.cer |

Certificates for pre – production:

|  |  |
| --- | --- |
| **Certificate from(Provider app)** | **Certificatesn – Pre production:** |
| G2 | 1. Orange\_Internal\_G2\_Root\_CA.cer 2. Orange\_Internal\_G2\_Server\_CA.cer |

Certificates for production:

|  |  |
| --- | --- |
| **Certificate from(Provider app)** | **Certificates - Production:** |
| G2 | 1. Orange\_Internal\_G2\_Root\_CA.cer 2. Orange\_Internal\_G2\_Server\_CA.cer |

#### Certificate conformity

To be accepted by OQT, the domain name declared in the certificate needs to be the same as the URL used.

### To see the certificate details:

$JAVA\_HOME/bin/keytool -printcert –file /<Certificate Path>/<Certificate Name>

### Obtain provider certificate

Certificates will be provided by Orange and will be uploaded on delivery server along with the delivery.

### Steps to import.

**Pre- production:**

1. $JAVA\_HOME /bin/keytool -keystore $JAVA\_HOME /jre/lib/security/cacerts -import -alias Orange\_Internal\_G2\_Root\_CA -file /<Certificate\_path>/Orange\_Internal\_G2\_Root\_CA.cer'

2$JAVA\_HOME bin/keytool -keystore $JAVA\_HOME /jre/lib/security/cacerts -import -alias Orange\_Internal\_G2\_Server\_CA -file /<Certificate\_path>/Orange\_Internal\_G2\_Server\_CA.cer'

**Production:**

1. $JAVA\_HOME /bin/keytool -keystore $JAVA\_HOME /jre/lib/security/cacerts -import -alias Orange\_Internal\_G2\_Root\_CA -file /<Certificate\_path>/Orange\_Internal\_G2\_Root\_CA.cer'

2$JAVA\_HOME bin/keytool -keystore $JAVA\_HOME /jre/lib/security/cacerts -import -alias Orange\_Internal\_G2\_Server\_CA -file /<Certificate\_path>/Orange\_Internal\_G2\_Server\_CA.cer'

**$JAVA\_HOME** is the JDK home directory (may not be an environment variable and have to be replace by the correct path)

For all commands above, use the default password: **changeit**