# Checklist for validating QASIB for first time.

Kick Start:

Load Balancer:

## **Component or Server details**

|  |  |
| --- | --- |
| **Components or Servers** | **IP’s** |
| PBJ’s | 10.0.70.1 |
| SC’s | 10.0.172.1 (Primary) and 10.0.204.1 (Secondary) |
| Metaserver | 10.0.97.1 |
| Postgres | 10.0.90.1 |
| CSD | 10.0.108.1 |
| RAP Server | 10.0.109.11 |
| Appserver for Supervisor | 10.0.77.11 and 10.0.77.12 |
| Database Server | 10.0.92.1 |
| ID Server | 10.0.93.1 |

## **On Supervisor**

Check if Supervisor is installed.

How?

1. Login to appservers.
2. Check if jboss folder exist (/opt/jboss)
3. Check if Singlecast folder (/opt/singlecast/server...)
4. Login to application using port 130 I,e (<http://loadbalancer:130/zantaz/logon>)

* Create sampling profile
* Create a new mailbox/reviewer users, new mailbox group/Reviewer group. Map them accordingly.

1. Login to config console using port 130 I,e (<http://loadbalancer:130/zantaz/config/logon>)

* Supervisor instanceID under system setting
* RAP Enabled : Enable/Disable\* under system setting
* Adaptors under Component section.
* LDAP Settings

### **Supervisor Database**

**Look for messagetype filter exist if not add the below entries**

insert into MessageTypeFilter values('1','NOT (X-ZANTAZ-CONTENT-TYPE:Bloomberg OR X-ZANTAZ-CONTENT-TYPE:IM)','1')

insert into MessageTypeFilter values('2','X-ZANTAZ-CONTENT-TYPE:IM','2')

insert into MessageTypeFilter values('3','X-ZANTAZ-CONTENT-TYPE:Bloomberg','3')

**Enable Archive Search :**

update appdata set data = 'true' where name = 'MBSearchLanguages\_ENABLED'

**Enable language in policies**

INSERT INTO appdata values ('QUERY\_LANGUAGE','en,zh,ja,ko,yi,de,pt,it,fr,el,ca,nl,vi,pl,hu,es,ru')

## **IDOL CACHE**

Ssh 10.0.66.1

* Make sure if Content engine is running. /etc/init.d/acontent status
* Make sure if dah is running. /etc/init.d/dah status
* Make sure if dih is running. /etc/init.d/dih status
* Make sure if s6indexer is running. /etc/init.d/s6indexing status

If any of the component are not running then start them. To start you will have to replace status with start in the above commands.

Goto to /store/autonomy/Singlecast/aciserver/conf List the directory

Check for S6Deployement.properties file and check if we are connected to right domain,database and instance.

In /store/autonomy/Singlecast/aciserver/

Run ./s6IndexingServerRegistration.sh

If you find any warning saying

<<Some warnings are expected telling no fileserver>>

Then you will have to add the below two entries one by one

1. add 10.0.66.1:1000 +enabled +idx +import +backfill +reconciliation
2. mapping add smb://10.0.66.1/singlecast/idxstaging/ /store/autonomy/singlecast/idxstaging/ +enabled

And check if S6IC is configured correctly.

Check the S6IC version using below commands

[root@s6ic-sib1 aciserver]# /store/autonomy/singlecast/aciserver/viewManifest.pl

View Manifest Information

File: ./lib/s6indexing.jar

Manifest file: META-INF/MANIFEST.MF

Mode: normal

Manifest-Version: 1.0

Ant-Version: Apache Ant 1.8.2

Created-By: 1.6.0\_37-b06 (Sun Microsystems Inc.)

Built-Date: 2015-06-30 11:37:38

Branch-Root-Location: //DigitalSafe/L2-3/s6indexing/branches/releases/9.1/s6indexing/...

Branch-Root-Version: 592915

Branch-Root-Label: singlecast\_aci-9.1-2015-06-30\_05-20-30

Branch-Root-User: build

## **DIGITAL SAFE**

Goto kickstart and then navigate to /platest

1. Vi Metaserver.jcml.single and look for the below entries

<mbean name="Zantaz:name=DatabaseMBean">

<attribute name="MinConnections">1</attribute>

<attribute name="MaxConnections">5</attribute>

<attribute name="MaxConnectionRetries">4</attribute>

<attribute name="ConnectionRetryWaitPeriod">100</attribute>

<attribute name="DatabaseDescriptors">

Singlecast\_testdomain1\_QASIB1|jdbc:sqlserver://***10.0.92.1***:1433;databaseName=***QASIB1***;SelectMethod=direct|com.microsoft.sqlserver.jdbc.SQLServerDriver|***DhOX-VzG-ms=|xMOUN7mUSYb6E4xfvHnnNQ==***

</attribute>

<attribute name="DBCPDescriptors">

Singlecast\_testdomain1\_***QASIB1***|Singlecast\_testdomain1\_***QASIB1***|1|3

</attribute>

</mbean>

1. Vi PBJ.JCML.Single and look for below entries

<mbean name="Zantaz:name=SOAPQueryServerMBean">

<attribute name="QueryFields">

Sender=Sender

Recipient=Recipient

Sender or Recipient=Sender,Recipient

Subject=Subject

Body=Body/Attachments

Body or Subject=Subject,Body/Attachments

Has Attachment=ATTACHMENTPRESENCE

X-ZANTAZ-SENDER-ID or X-ZANTAZ-RECIPIENTS-ID=X-ZANTAZ-SENDER-ID,X-ZANTAZ-RECIPIENTS-ID

X-ZANTAZ-RECIPIENTS-ID=X-ZANTAZ-RECIPIENTS-ID

X-ZANTAZ-SENDER-ID=X-ZANTAZ-SENDER-ID

S6 Sender Group=ZANTAZ-SENDER-S6-GROUP-ID

S6 Recipients Group=ZANTAZ-RECIPIENTS-S6-GROUP-ID

S6 Group ID=X-ZANTAZ-SENDER-S6-GROUP-ID,X-ZANTAZ-RECIPIENTS-S6-GROUP-ID

S6 Sender User Group Mapping=X-ZANTAZ-SENDER-S6-USER-GROUP-MAPPING

S6 Recipients User Group Mapping=X-ZANTAZ-RECIPIENTS-S6-USER-GROUP-MAPPING

S6 User Group Mapping=X-ZANTAZ-SENDER-S6-USER-GROUP-MAPPING,X-ZANTAZ-RECIPIENTS-S6-USER-GROUP-MAPPING

X-ZANTAZ-CONTENT-TYPE=X-ZANTAZ-CONTENT-TYPE

MessageID=MessageID

</attribute>

<attribute name="RetrievableFields">

Sender=Sender

Recipient=Recipient

Subject=Subject

Has Attachment=ATTACHMENTPRESENCE

MessageID=MessageID

Body=Body/Attachments

Body or Subject=Subject,Body/Attachments

X-ZANTAZ-SENDER-ID or X-ZANTAZ-RECIPIENTS-ID=X-ZANTAZ-SENDER-ID,X-ZANTAZ-RECIPIENTS-ID

X-ZANTAZ-RECIPIENTS-ID=X-ZANTAZ-RECIPIENTS-ID

X-ZANTAZ-SENDER-ID=X-ZANTAZ-SENDER-ID

S6 Sender Group=ZANTAZ-SENDER-S6-GROUP-ID

S6 Recipients Group=ZANTAZ-RECIPIENTS-S6-GROUP-ID

S6 Group ID=X-ZANTAZ-SENDER-S6-GROUP-ID,X-ZANTAZ-RECIPIENTS-S6-GROUP-ID

S6 Sender User Group Mapping=X-ZANTAZ-SENDER-S6-USER-GROUP-MAPPING

S6 Recipients User Group Mapping=X-ZANTAZ-RECIPIENTS-S6-USER-GROUP-MAPPING

S6 User Group Mapping=X-ZANTAZ-SENDER-S6-USER-GROUP-MAPPING,X-ZANTAZ-RECIPIENTS-S6-USER-GROUP-MAPPING

X-ZANTAZ-CONTENT-TYPE=X-ZANTAZ-CONTENT-TYPE

</attribute>

</mbean>

Check if the Domain.jcml have the entries for S6WebServiceUrl

1. UseS6StampingForPushQuery=true
2. DoPhase2S6Export.<instanceID>=true
3. SurveillanceEnabled. <instanceID>=true
4. S6WebServicesURL. <instanceID>=10.0.77.11,8080/zantaz/services/SCMessageProcessor
5. EnablePLTagging=true
6. **S6ArchivedDateSampling.** <instanceID>**=false**

**Note If Point 6 is set to true then we will encounter Sampling issues. If this is set to true and Supervisor side Use\_Recieve\_Date should also be true to be sync**

🡸=========================== **DS9.2 onwards** ==================================🡺

Open standalone-wildfly9-csd-8090.xml in platest and look for tag S6SecurityDomain. Update username,password and Datasource.

<module-option name="username" value="sa" />

<module-option name="password" value="-1db7839b46c54ee6207a6df87216de44" />

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<datasource jndi-name="java:/zantaz/database/Singlecast\_testdomain1\_***QASIB1***"

pool-name="Singlecast" enabled="true" use-java-context="true">

<connection-url>jdbc:sqlserver://10.0.92.1:1433;databaseName=***QASIB1***;SelectMethod=direct

</connection-url>

<driver>sqljdbc</driver>

<pool>

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Note : To get the encrypted password go to CSD box

**root@csd1-sib11][QASIB11][S6TEAM]# cd /opt/jboss.8090/bin**

**[root@csd1-sib11][QASIB11][S6TEAM]#./encryptPassword.sh P@ssw0rd**

**Encoded password: -68c35389cf7c4cc4207a6df87216de44**

## ID Server configuration

Goto 10.0.93.1

Navigate to /opt/svusertogroupmapping/

You will find the config file.

Make sure that the supervisor database details are pointed correctly.

And then run the below line as we do in syncing user to ldap

1. /opt/svusertogroupmapping/runSVUserToGroupsMappingDownload.sh
2. cd /store/data/testomain1
3. ls
4. /opt/identitytools/tools/massageLDIF.sh s6user.ldif <Some arbitrary Name with which you can identify the ldif file> testdomain1
5. ls -ltr
6. /opt/identitytools/tools/importLDIF.sh testdomain1 <Output of the previous step>
7. /opt/identitytools/tools/applyNewEntries.sh testdomain1

ldapsearch -h 10.0.93.1 -p 389 -x -D "cn=Admin,ou=zusers,o=testdomain1" -w skyline -b "o=testdomain1" -z 700000"(mail=MBU1@zantaz.com )"

Note: If we don’t see this folder structure in 93.1 under /store (Step 2) partition please create the same and copy s6user1.ldif file from QASIB1🡪IDServer🡪/store/data/testdomain1

Clear Cache in PBJ

Lynx <http://10.0.70.1:8090/jmx-console> --cookies

select Objectnodeview (2nd one)

Look for identity provider

"name=Identity Provider" and enable it (right arrow).

Now look for

***refreshIdentityCache*** value as testdomain1 and invoke it (i.e. send http request).

Invoke the ***showCurrentversion***, give the testdomain1 as parameter. (This is to confirm if the cache is cleared)

## **Postgres configuration**

Login to postgres 10.0.90.1

Su postgres

Psql

\c dbsv

Select \* from svdomainconfig;

dbsv=# select \* from svdomainconfig;

domainid | datatypes | svfieldstosearch | svlagtime | svinterval | svgroupmergeratio | svbaset

ime | scexportenabled | instanceid | svenabled

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testdomain1 | LIV | X-ZANTAZ-SENDER-S6-GROUP-ID,X-ZANTAZ-RECIPIENTS-S6-GROUP-ID | 0 | 1 | 100 |

0 | true | QASIB1 | 1

(1 row)

Select \* from svdomaingroupfilter;

dbsv=# Select \* from svdomaingroupfilter;

svgroupfilterid | svgroupfiltername | domainid | svdocclassid | svquerytype | svqueryblobver | svqueryblob | isselectabl

e | createdby | datecreated | lastmodifiedby | lastmodifieddate

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1 | EMAIL | testdomain1 | D0000004 | SvFilter | 1.0 | (NOT(2Y:Bloomberg OR 2Y:IM)) |

0 | U0000000 | 2015-03-17 14:35:37.429611 | U0000000 | 2015-03-17 14:35:37.429611

3 | BLOOMBERG | testdomain1 | D0000004 | SvFilter | 1.0 | 2Y:Bloomberg |

0 | U0000000 | 2015-03-17 14:41:05.34256 | U0000000 | 2015-03-17 14:41:05.34256

2 | IM | testdomain1 | D0000004 | SvFilter | 1.0 | 2Y:IM |

0 | U0000000 | 2015-03-17 14:36:46.215671 | U0000000 | 2015-03-17 14:36:46.215671

If above entries are missing use below sql query to run against respective tables.

=============================== svdomainconfig ========================================

insert into svdomainconfig values ('testdomain1','LIV','X-ZANTAZ-SENDER-S6-GROUP-ID, X-ZANTAZ-RECIPIENTS-S6-GROUP-ID','0','8','10','0','true','QASIB1','1');

=============================== svdomaingroupfilter =========================

insert into svdomaingroupfilter values((select max(SVGROUPFILTERID)+1 from svdomaingroupfilter),'BLOOMBERG','testdomain1','D0000004','SvFilter','1.0','2Y:Bloomberg',0, 'U0000000',CURRENT\_TIMESTAMP, 'U0000000',CURRENT\_TIMESTAMP);

insert into svdomaingroupfilter values(1,'EMAIL','testdomain1','D0000004','SvFilter','1.0','(NOT(2Y:Bloomberg OR 2Y:IM))',0, 'U0000000',CURRENT\_TIMESTAMP, 'U0000000',CURRENT\_TIMESTAMP);

insert into svdomaingroupfilter values((select max(SVGROUPFILTERID)+1 from svdomaingroupfilter),'IM','testdomain1','D0000004','SvFilter','1.0','2Y:IM',0, 'U0000000',CURRENT\_TIMESTAMP, 'U0000000',CURRENT\_TIMESTAMP);

Note: DOCCLASSID can be taken from DBSURCFG.DOCUMENTCLASS table for particular DomainID

## **RAP Side Checks**

1. Check for Database configuration in Config.Properties file

cat /var/rap/config/config.properties

DomainID=testdomain1

InstanceID=QASIB1

isNodeOnCacheCluster=true

Make sure third parameter is always true else RAP will not start up

cat /var/rap/config/database.properties

**jdbc.driverClassName.SUP=com.microsoft.sqlserver.jdbc.SQLServerDriver**

**jdbc.url.SUP=jdbc:sqlserver://10.0.92.1:1433;databaseName=QASIB1;SelectMethod=direct**

**jdbc.username.SUP=sa**

**jdbc.password.SUP=9+kfRC8mrc5W5AZ319YMBg==**

**# Queue Database**

**# Version Number: 7**

**jdbc.driverClassName.QUEUE=com.microsoft.sqlserver.jdbc.SQLServerDriver**

**jdbc.url.QUEUE=jdbc:sqlserver://10.0.92.1:1433;databaseName=QASIB1\_queue;SelectMethod=direct**

**jdbc.username.QUEUE=sa**

**jdbc.password.QUEUE=9+kfRC8mrc5W5AZ319YMBg==**

1. Check if agentstore is running

[root@rap1-sib1 ~]# ps -eaf | grep agentstore

root 8653 1 0 Jan08 ? 00:15:27 ./agentstore.exe

root 8778 8748 0 11:06 pts/0 00:00:00 grep agentstore

1. Check if mysql is running

[root@rap1-sib1 ~]# ps -eaf | grep mysql

root 7905 1 0 Jan08 ? 00:00:00 /bin/sh /opt/rh/mysql55/root/usr/bin/mysqld\_safe --datadir=/opt/rh/mysql55/root/var/lib/mysql --socket=/var/lib/mysql/mysql.sock --pid-file=/opt/rh/mysql55/root/var/run/mysqld/mysqld.pid --basedir=/opt/rh/mysql55/root/usr --user=mysql

mysql 8104 7905 0 Jan08 ? 00:21:18 /opt/rh/mysql55/root/usr/libexec/mysqld --basedir=/opt/rh/mysql55/root/usr --datadir=/opt/rh/mysql55/root/var/lib/mysql --plugin-dir=/opt/rh/mysql55/root/usr/lib64/mysql/plugin --user=mysql --log-error=/var/log/mysql55-mysqld.log --pid-file=/opt/rh/mysql55/root/var/run/mysqld/mysqld.pid --socket=/var/lib/mysql/mysql.sock

root 8780 8748 0 11:06 pts/0 00:00:00 grep mysql

1. Check if cpe is running

[root@rap1-sib1 ~]# ps -eaf | grep cpe

root 8275 1 0 Jan08 ? 00:09:20 /usr/java/bin/java -Djava.util.logging.config.file=/opt/tomcat/cpe/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Xms127m -Xmx512m -Djava.net.preferIPv4Stack=true -Djgroups.bind\_addr=10.0.109.11 -Dcatalina.out.dir=/var/log/cpe/ -Djava.endorsed.dirs=/opt/tomcat/endorsed -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/cpe/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat/cpe -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/cpe/temp org.apache.catalina.startup.Bootstrap start

root 8782 8748 0 11:07 pts/0 00:00:00 grep cpe

1. Check if rap server is running

[root@rap1-sib1 ~]# ps -eaf | grep rap

root 8275 1 0 Jan08 ? 00:09:20 /usr/java/bin/java -Djava.util.logging.config.file=/opt/tomcat/cpe/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Xms127m -Xmx512m -Djava.net.preferIPv4Stack=true -Djgroups.bind\_addr=10.0.109.11 -Dcatalina.out.dir=/var/log/cpe/ -Djava.endorsed.dirs=/opt/tomcat/endorsed -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/cpe/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat/cpe -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/cpe/temp org.apache.catalina.startup.Bootstrap start

root 8786 8748 0 11:11 pts/0 00:00:00 grep rap

root 28883 1 0 Feb22 ? 00:00:49 /usr/java/bin/java -Djava.util.logging.config.file=/opt/tomcat/rap/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Xms127m -Xmx512m -Djava.net.preferIPv4Stack=true -Djgroups.bind\_addr=10.0.109.11 -Dcatalina.out.dir=/var/log/rap/ -Djava.endorsed.dirs=/opt/tomcat/endorsed -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/rap/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat/rap -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/rap/temp org.apache.catalina.startup.Bootstrap start

1. Check the RAP Build Details using below command

unzip -p /opt/tomcat/rap/webapps/supervisor-soap.war META-INF/MANIFEST.MF | cat

### **After all the above checks ingest a message and check if it reaches supervisor.**