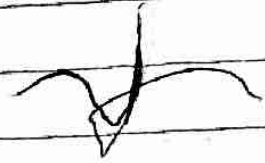Event log

~~XLA Transformation~~ /var/adm/

User Level Trace:-

① mqsichangetrace <Bname> -u -e <egroup>
           -l debug -r -c 50000

② Put a message on the input node to cause
     failure

③ Stop trace
     mqsichangetrace <Bname> -u -e <egroup>
               -l none

④ Retrieve the trace log for specific component
     mqsireadlog <Bname> -u -e <egroup>
            -f -o flowtrace.xml

⑤ Format XML file
     mqsiformatlog -i flowtrace.xml -o
           Userflowtrace.txt

Service Level Trace

          Instead of -u it will be -t
          in User level Trace Steps.

(SAP) — (Mainframe) Mainframe

SFTP/FTP Security Set-up for File Input/output

$$\frac{}{x}$$

Step 1

nysisetelbparms <BNume> -n ftp :: ftp identity
                        -u <UserName>
                        -p <password>

Step 2   Stop Broker

nysistep <BNume>

Step 3

nysistart <BNume>

MR command Server:-

```
dspmqcsv <QMname>
str  "   "    <  "  >
```

" Trace files are flat files containing trace data
that is not used by the product once written."

Fixed length

Cobol system need fixed length
Manual Coding with spaces.

11/21/14

XSLT


```
<xsl:for-each  select= "$party / Company Code">
    <xsl:variable name= 'index' select= 'position()'>
        <xsl:choose>
            <xsl:when test="—  ">

            </xsl:when>
        </xsl:choose>
    </xsl:for-each>
</xsl:for-each>
```

Extracting a Message from Server :-

① Go to

    /vsr/mqm/samp/bin

run →
amqsbcg WBIMB.ERROR.IN WBIMB.ERROR > outt
        <QName>   <QMgrNName>   Friend

/bin has number of commands
    amqsuit
    amqsblst
    amqsigm
    amqsprm
    amqspub
        !
        etc.

env Command useful to see the environment
        set-up

" If we will select request attribute in MK Output Node then
It will generate new request and override the main
attribute. default value for dept-to-id or gmgr will be
Null "

Set Output Root. BLOB. BLOB = C

Cast (InputRoot. XMLNS. CSEmail. Email. Content As BLOB
            CCSID InputRoot. Properties. CodedCharSetId].

Charset Issue, that is Causing.

11/25

To See the User Configuration use find Command

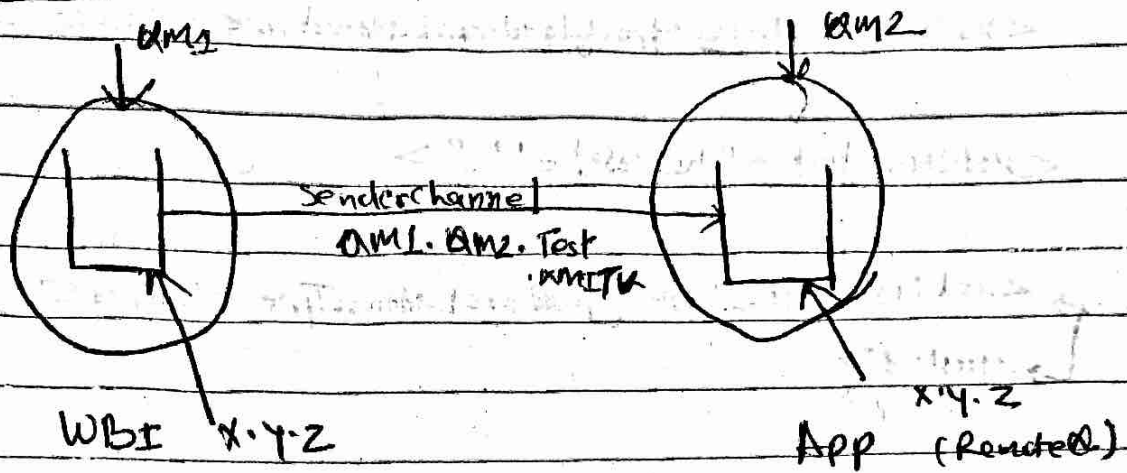/MQHA/data/WMB/mqsi/registry/ ~~DATABASE~~ >

find . | xargs grep -i owl

for deleting Configuration

mqsisetdbparms <Broker Name> -n sttp: OWL-Dvcm
                                                    -d

Used for Deleting
Configuration

12/16

QM1   QM2

Sender channel
QM1. QM2. Test
. XMITQ

WBI   X·Y·Z   x·y·z

App   (Render)

① RQ   ① RQ
② RQM   ② XMITQ <QMgr·RQMgr·>
③ XMITQ   ③ RQNumo
④ RQName   ④ RQMgr Name

12/18

```
<xsl:when test="incoTerm1 != ' ' and (not(incoTerm2)
                          or incoTerm2=' ')">

        <xsl:value-of select="incoTerm 1"/>

  ↗ </xsl:when>
      ↗<xsl:otherwise>
      ↳<|xsl:otherwise>


<xsl:comment>  —  <|xsl:comment>

<hsl:vendor>  —→  Blank Tag

↗<hsl:vendor><xsl:value-of select="$party title"/>
↳<|hsl:vendor>
```

IIB 9 Migration Issues

1. Charset issue found and it was fixed with the help of IBM. (Email Formatting Issue)

2. Interfaces deployment issues found for interfaces which were using Input and Output Node.

Salm

We have updated the interfaces finished of using FTP used SFTP

Also, we have set the dbparams for security identity.

3. Message set issues :-

Re created them.

4. HA Cluser of emails.

5. Testing issues like rebalancing channels.

6. Wrong formant of Def.

7. Access right issue
   Vmo Team helped and provided accesses on same

8. Error Number: 5505
   Message Reference Integer

Modified the data type of the 'MessageReference' eleme to 'xs:long' from 'xs:long' as suggested IBM.04

Mak

9. The email is ccsbp5o0 encoded.
   Hard coded the CSSID to 1208 instead of reading input

10. Increase the ABVTIME parameters

Set chr-locdTimestamp = (UnixFormatTIMESTAMP + Local TimeZone);

8d) Chelse = Substring(chr-locdTimestamp from 15 for 4);
11 " " " 21, 20, 11 2.)
11 " " " 11 23 11 2)

Bar file Properties changed for DB set-up.
Issue found on the Bar file (thro And
DB Connection was mentioned.

Change done on FIR 9.0

Substring(CurrentTimestamp As Character
Format 'YYYY-MM-dd HH:mm:ss.SSS'
from 1 FOR 2);

12/23

(1) Cobol Copy Book

We have updated Cobol copy book
and related Message Set Transformation
done from Cobol copy book to xml file

Cobol Copy book → XML

(9) XLT Transformation

Fixed length → XLT Transformation
or
XLS
Style sheet creation

11/5/2015

We can Check Cluster name by clicking
Channel.

NOTE: Cobol Copy book

01/07/2015

Create procedure ProcedureName (IN P1 INT)
Return Integer
Language Java
External name " packageName.ClassName.methodName ";

Call ProcedureName (intVar1);

NOTE: Java Inline call

01/08/15   /home/wmbadm/bin/monitor.execgrp.sh

nohup abcd &

Start the program abcd in the background in such
a way that the subsequent logout does not
stop it.

$ nohup abcd &
$ exit

Execution Group Monitoring:-
———x———x———   Pid, usr, pcpu, args etc.
                              ↑
ps -u wmbadm -o $columns | grep Exec12 | sed -e
    's/^//g' | tr -s ' ' ' ' | sed -e 's/|(.*),$/|1/g'
    |awk '{print (d", "t"; "$0")}'

Fail Over Server

(1)   endmqm -s UOENABLE   ⎤   strmqm Qmgr
       ''   -s   '' 2E   ⎬   endmqm Qmgr
       -P (Preemptively) ← Don't use ⎦

(2)   Dev1: strmqm -x UOENABLE1E ⎤   Login with mqm id
       Dev2:   ''   -x   '' 2E   ⎬   Sequence for starting
       Dev1:   ''   -x   '' 2E   ⎬   Broker
       Dev2:   ''   -x   '' 1E   ⎦

NOTE: - First down both servers then start in a sequence

       -S → Switch over to Standby queue manager
              Instance after Shutting down.

       dspmq → This Command will show Running and Standby
                 Instance.

mqsistop < Broker Name >

Multi-instance Queue Managers :-

set -o vi

Esc +K

Moving forward j or +

Editing Commands:-

   l → Forward one char ⎫
   b → backward   ⎬ Can be used with
   a → update   ⎭ number like
   i → insert   2l, 2b etc.
   x → delete (over cursor) X → behind cursor
   w → one word forward
   0 → start of line
   $ → end of line
   ~ → change case

Commands:-   ls   find
              ls -ltr   grep
              oslevel   netstat
              date   sh
              history   who
              view   lsdpp
           Sht +e:o   mount
              shift +y or log   q
              / → find   q!
              ps -ef   :wq
              telnel
              traceroute
              ftp

→ Maximum log file page size is 65535
minimum is 64

AIX Performance Log

var/mqsi
Analysis

Aix 7100

① Chak space @ /tmp folder. Minimum need to be 45MB
   df - g

② mkdir   /tmp/perf71
   cd /tmp/perf71

③ Download perfpmr files from
   ftps://ftp.software.ibm.com/aix/tools/perftools/perfpmr
   /perf71/perf71.tar.Z

④ Extract perf71.tar.Z at /perf71
   zcat perf71 .z | tar _xvf _

⑤ Create new dir
   mkdir /tmp/perfdata

⑥ Run Script from
   /tmp/perfdata > /tmp/perf71/perfpmr.sh 600

Broker Set-up

1. /home/ombadm/

   mkdir scripts, config, trace, bin, log,
   /MQHA/data/WMB/security/cert_trusted
   permission   chmod 750

2. Update .profile path with Java Home etc.

3. Update /etc/syslog.conf to redirect user log or
   create at   /var/adm/user.log   (chg ownrship and
                                        permission)

   restart syslog daemon
              "refresh -s syslogd"

4. Create Broker Instance.

   Use clds scrript for conf if have

5. Create ODBC instance

       DTNAODBC.ini

   [ODBC Data Sources]

    WBIDATA = IBM DB2 ODBC Driver
    :
    :

    [WBIDATA]

    DRIVER = /home/db2cli/syslib/libb64
                /db20.0

    Description = " — "

    Database = WBIDTBA2
    :

① Configuration Manager
        ⤷ * Select server for specific Queue
           * Sync websphere MQ Object for
             new Configured Queue
            * Agent → Monitoring (Queue, Local Q)

② Management Console
    * Select Edit mode
    * Templates → Copy Appropriate Template for
       rule → Rename it → Save
    * Actions → Copy related Action for specific
       Queue → Rename it → Right click on
       EventOpNode → select properties
       → Assign Email Address → Save
    * Go to Templates → Select respected
       Action → Save
    * Select Physical from left corner
       → Expand till Server
       Templates → select rule and drag
       appropriate Queue from physical to
       there.

       → Test Rule by putting message on
       Queue.

: SAP Integration Steps :

* Ask or download sapidoc3.jar, sapjco3.jar and sapjco3.dll from SAP System.

* Outadapter steps :-
→ Create outadapter with the help of above jar's
→ Select related method
→ Select opn as retrive or create

* Server set-up
Move jar files at window or Ax'x box on location /opt or MQHA/jars.
run below commands.

① mqsichangeproperties <BrokerName> -c EISProviders
-o SAP -n nativeLibs -v /MQHA/jars
② -n jarsURL -v / ''
③ mqsireload <BName>
④ mqsireportproperties <BName> -c EISProviders -o SAP -r
⑤ mqsisetdbparms <BName> -n eis:: <AdapterName>
-u WBIUSER -p <Password>

NOTE : | ① Need server details as:
→ server Name
→ Client e.g 010
③ Firewall port open | → system Number e.g 10