**Aleph Installation Kit v22: ACTUAL RUN**

**Jerry Specht**  April 2014

Note: Text supplied by the server is in **black**;

text which I typed in is in **blue;**

comments are in **green .**

If you print this document, we suggest printing it in color.

* sudo su - root [you **must** be root]

Note: Before **re**-running the AIK (after a failure) make sure that the ftp\_from\_exlibris directory is empty. If you have sufficient space in /exlibris [more than 50% available], you may want to rename the ftp\_from\_exlibris directory rather than deleting its contents.

[root@us-alephtest02] **cd /exlibris/ftp\_from\_exlibris**

[root@us-alephtest02] **rm –rf \* 🡨** this is how to force deletion of contents

If there is no ftp\_from\_exlibris directory, make one:

cd /exlibris

mkdir ftp\_from\_exlibris

cd ftp\_from\_exlibris

[root@us-alephtest02 ftp\_from\_exlibris]# **ftp ftp.exlibrisgroup.com**

Connected to ftp.exlibrisgroup.com.

220 Serv-U FTP Server v12.0 ready...

504 Unknown security mechanism.

504 Unknown security mechanism.

KERBEROS\_V4 rejected as an authentication type

Name (ftp.exlibrisgroup.com:root): **ver22**

331 User name okay, need password.

Password: **M0zart22**

230 User logged in, proceed.

Remote system type is UNIX.

Using binary mode to transfer files.

ftp> dir

227 Entering Passive Mode (212,179,57,155,102,57)

150 Opening ASCII mode data connection for /bin/ls.

-rw-rw-rw- 1 user group 10424320 Mar 4 12:37 AIK22.20140304.tar <--

-rw-rw-rw- 1 user group 39 Mar 4 13:31 cksum\_files\_list

<etc.>

226 Transfer complete. 1,059 bytes transferred. 68.95 KB/sec.

ftp> **get AIK22.20140304.tar** <takes a minute or two>

local: AIK22.20140304.tar remote: AIK22.20130221.tar

227 Entering Passive Mode (212,179,57,155,102,82)

150 Opening BINARY mode data connection for AIK22.20140304.tar (10424320 Bytes).

226 Transfer complete. 10,424,320 bytes transferred. nnn.nn KB/sec.

10424320 bytes received in nn seconds

ftp> quit]# **quit**

[root@us-alephtest02 ftp\_from\_exlibris]# **tar -xvf AIK22.20140304.tar**

AIK22/

AIK22/product\_ftp\_download.sh

AIK22/prodfunc.sh

AIK22/pkgchk.sh

AIK22/packprod.sh

AIK22/deplist.SunOS.sparc.10

...

...

AIK22/ORA\_SOFT\_FTP\_COMPLETED

AIK22/GetSystemTimeZone.class

AIK22/ALEPH\_SOFT\_FTP\_FAILED 🡨 Ignore this. It’s just a file in ./AIK22…tar

AIK22/ALEPH\_SOFT\_FTP\_COMPLETED

[root@us-alephtest02 ftp\_from\_exlibris]# **cd AIK22**

[root@us-alephtest02 AIK22]# **./ikit\_menu**

----------------------------------------------------------------------

\* 0. Update kit parameters

- 1. Download software from ftp server

- 2. Pre installation tasks

- 3. Oracle database installation and configuration

- 4. Third party products installation

- 5. Aleph software installation and configuration

- 6. Post installation tasks

Enter key (q to quit)[q]: **0**

\* [M]. Update the E-mail address

\* [F]. Update the FTP download directory

\* [P]. Update the Passive FTP option

\* [S]. Update the Aleph slot number

\* [O]. Update the Oracle SID

\* [D]. Update the Oracle Database archiving, data files, sys and redo disk

Enter key (q to quit)[q]: **m**

Current Mail is: Aleph\_Support@exlibris.co.il

Please insert the new mail address: [**jerry.specht@exlibrisgroup.com**](mailto:jerry.specht@exlibrisgroup.com)

**...**

[F]. Update the FTP download directory

Current FTP download directory is: /exlibris/ftp\_from\_exlibris

Please insert the new FTP download directory: **<Enter>**

The value will be left unchanged (/exlibris/ftp\_from\_exlibris).

**I, similarly, took the defaults for P, S, and O:**

…

…

**\* [D]. Update the Oracle Database archiving, data files, sys and redo disk**

**Enter key (q to quit)[q]: D**

**…**

Please insert the new Oracle Database archiving, data files, sys and redo disk: <Enter>

The value will be left unchanged (/exlibris).

[Back to main menu] Hit Enter again.

\* 0. Update kit parameters

- 1. Download software from ftp server

- 2. Pre installation tasks

- 3. Oracle database installation and configuration

- 4. Third party products installation

- 5. Aleph software installation and configuration

- 6. Post installation tasks

Enter key (q to quit)[q]: **1**

- 1. Download Aleph software and third party products

- 2. Download Oracle software

- 3. Check if Aleph software download successfully completed

- 4. Check if Oracle and products download successfully completed

Enter key (q to quit)[q]: **1**

----------------------------------

Download Aleph software binaries

checking

…

…

Please enter the target download directory name [/exlibris/ftp\_from\_exlibris]: **<Enter>**

Please enter you email [jerry.specht@exlibrisgroup.com]: **<Enter>**

Continuing in background, pid 25465.

Continuing in background, pid 25471.

Continuing in background, pid 25477.

Continuing in background, pid 25483.

Continuing in background, pid 25489.

The ftp now runs, please wait.

When the ftp will be finished, e-mail will be sent to preliminary mentioned

address and the empty file ALEPH\_SOFT\_FTP\_COMPLETED will be created in the current directory.

INFO: Downloading Third party products scripts...

INFO: Retrieving linklist

INFO: cobol5.Linux added to download list

INFO: freetype-2.3.11.Linux added to download list

INFO: ghostscript-8.70.Linux added to download list

INFO: httpd-2.2.22.Linux added to download list

INFO: ImageMagick-6.6.1-10.Linux added to download list

INFO: instantclient\_11\_2.Linux added to download list

INFO: jasper-1.900.1.Linux added to download list

INFO: jdk1.6.0\_30.i386.Linux added to download list

INFO: jpeg-6b.Linux added to download list

INFO: libxml2-2.6.29.Linux added to download list

INFO: libxslt-1.1.21.Linux added to download list

INFO: make-3.80.Linux added to download list

INFO: openssl-0.9.8r.Linux added to download list

INFO: perl-5.8.9.Linux added to download list

INFO: tiff-3.8.2.Linux added to download list

INFO: util.Linux added to download list

INFO: xpdf.Linux added to download list

INFO: Download proccess started in /exlibris/ftp\_from\_exlibris [8-12 min.]

INFO: Check the log file /exlibris/AIK22/log/wget\_product.log for progress

**Please check the FTP additional log files in the /exlibris/ftp\_from\_exlibris/log directory**

**Press Enter to continue**

**Don’t press Enter at this point. (Wait until the log shows that the files are done downloading.) Start a second session on this server to check…**

**[Second session:]**

[Make sure you are root in this session too.]

**cd /exlibris/ftp\_from\_exlibris/AIK22/log**

[root@us-alephtest02 log]# ls -lrt

total 1436

-rw-r--r-- 1 root root 9788 Apr 6 11:17 ftp\_ver\_4.log

-rw-r--r-- 1 root root 5692 Apr 6 11:17 aleph\_installation\_kit.log

-rw-r--r-- 1 root root 102709 Apr 6 11:17 ftp\_ver\_5.log

-rw-r--r-- 1 root root 280523 Apr 6 11:18 ftp\_ver\_3.log

-rw-r--r-- 1 root root 410358 Apr 6 11:18 ftp\_ver\_1.log

-rw-r--r-- 1 root root 255606 Apr 6 11:18 wget\_product.log

-rw-r--r-- 1 root root 367300 Apr 6 11:18 ftp\_ver\_2.log

**When** ftp\_ver\_2 is done (3201869 bytes)(about 40 minutes), **ftp\_check.log will start to be written. When tail –f ftp\_check.log shows “check success” for exe.Linux (about 1 minute), it’s done:**

[root@us-alephtest02 log]# tail -f ftp\_check.log

Sat Apr 6 11:25:39 CDT 2013 - check started /ver

Sat Apr 6 11:25:44 CDT 2013 - check success

Sat Apr 6 11:25:44 CDT 2013 - check started /db.lin

Sat Apr 6 11:25:56 CDT 2013 - check success

Sat Apr 6 11:25:56 CDT 2013 - check started /sp

Sat Apr 6 11:26:00 CDT 2013 - check success

Sat Apr 6 11:26:00 CDT 2013 - check started /scripts

Sat Apr 6 11:26:03 CDT 2013 - check success

Sat Apr 6 11:26:03 CDT 2013 - check started /exe.Linux **🡨**

Sat Apr 6 11:26:06 CDT 2013 - check success **🡨**

[Return to your first session]

[In first session:]

If the download failed, you will see:

Download check failed

If you got “wget” errors, search for the error message in the Salesforce Articles.

Press Enter to continue

**<Enter>**

(You are taken back to the previous menu with “OK” for 1. Download Aleph …: )

OK 1. Download Aleph software and third party products

- 2. Download Oracle software

- 3. Check if Aleph software download successfully completed

- 4. Check if Oracle and products download successfully completed

**Enter key (q to quit)[q]: 2**

**-----------------------------------**

**Download Oracle software binaries**

**-----------------------------------**

**Continuing in background, pid 25869.**

**Continuing in background, pid 25875.**

**The ftp now runs, please wait.**

**When the ftp will be finished, e-mail will be sent to preliminary mentioned**

**address and the empty file ORA\_SOFT\_FTP\_COMPLETED will be created in the current directory.**

**Please check the FTP additional log files in the /exlibris/ftp\_from\_exlib22/log directory**

**Press Enter to continue**

**You must specify direct recipients with -s, -c, or -b.**

**Don’t press Enter at this point. (Wait until the files are done downloading.) Go to your second session on this server…**

**cd /exlibris/ftp\_from\_exlibris/log**

**[root@us-alephtest02 log]# ls -lrt**

**total 7728**

**-rw-r--r-- 1 root root 9788 Apr 6 11:17 ftp\_ver\_4.log**

**-rw-r--r-- 1 root root 102709 Apr 6 11:17 ftp\_ver\_5.log**

**-rw-r--r-- 1 root root 280523 Apr 6 11:18 ftp\_ver\_3.log**

**-rw-r--r-- 1 root root 410358 Apr 6 11:18 ftp\_ver\_1.log**

-rw-r--r-- 1 root root 454861 Apr 6 11:19 wget\_product.log

-rw-r--r-- 1 root root 2987077 Apr 6 11:25 ftp\_ver\_2.log

-rw-r--r-- 1 root root 487 Apr 6 11:26 ftp\_check.log

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-rw-r--r-- 1 root root 1360 Apr 6 11:38 ftp\_prd\_1.log

-rw-r--r-- 1 root root 6094 Apr 6 11:38 aleph\_installation\_kit.log

-rw-r--r-- 1 root root 481205 Apr 6 11:39 ftp\_prd\_2.log

When ftp\_prd\_2 is done (3656492 bytes) (about 45 minutes), ftp\_check.log will start to be re-written. When tail –f ftp\_check.log shows “check success” for /oracle/11.2.0.4/Linux64/quick), it’s done:

[root@us-alephtest02 log]# view ftp\_check.log

Sat Apr 6 11:25:39 CDT 2013 - check started /ver

Sat Apr 6 11:25:44 CDT 2013 - check success

Sat Apr 6 11:25:44 CDT 2013 - check started /db.lin

Sat Apr 6 11:25:56 CDT 2013 - check success

Sat Apr 6 11:25:56 CDT 2013 - check started /sp

Sat Apr 6 11:26:00 CDT 2013 - check success

Sat Apr 6 11:26:00 CDT 2013 - check started /scripts

Sat Apr 6 11:26:03 CDT 2013 - check success

Sat Apr 6 11:26:03 CDT 2013 - check started /exe.Linux

Sat Apr 6 11:26:06 CDT 2013 - check success

Sat Apr 6 11:48:24 CDT 2013 - check started /backup\_package

Sat Apr 6 11:48:29 CDT 2013 - check success

Sat Apr 6 11:48:29 CDT 2013 - check started /oracle/11.2.0.4/Linux64/quick

Sat Apr 6 11:49:31 CDT 2013 - check success

[Return to your first session]

**Press Enter to continue**

**You must specify direct recipients with -s, -c, or -b.**

<Enter>

(You are taken back to the previous menu with “OK” for

1. Download Aleph … and 2. Download Oracle … )

**[If 3 and 4 come out “OK”, don’t worry if 1 and 2 *don’t* show “OK”.]**

OK 1. Download Aleph software and third party products

OK 2. Download Oracle software

- 3. Check if Aleph software download successfully completed

- 4. Check if Oracle and products download successfully completed

Enter key (q to quit)[q]: **3**

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Check if the Aleph software binaries have been downloaded properly

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Checking the download files **[takes about 2 minutes]**

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Please wait...............You must specify direct recipients with -s, -c, or -b.

**The Aleph software has been downloaded properly**

Press Enter to continue

<Enter>

**[If 3/4 on the previous menu are “OK”, don’t worry if 1, below, isn’t “OK”.]**

OK 1. Download Aleph software and third party products

OK 2. Download Oracle software

OK 3. Check if Aleph software download successfully completed

- 4. Check if Oracle and products download successfully completed

Enter key (q to quit)[q]: **4**

**------------------------------------------------------**

**Check if the Oracle software was downloaded properly**

**------------------------------------------------------**

**-----------------------------**

**Checking the download files**

**-----------------------------**

**Please wait.**

**The Oracle software has been downloaded properly**

**Press Enter to continue [takes about 2 minutes]**

**<Enter>**

**OK 1. Download Aleph software and third party products**

**OK 2. Download Oracle software**

**OK 3. Check if Aleph software download successfully completed**

**OK 4. Check if Oracle and products download successfully completed**

**Note: if it instead shows:**

**- 1. Download Aleph software and third party products**

**- 2. Download Oracle software**

**OK 3. Check if Aleph software download successfully completed**

**OK 4. Check if Oracle and products download successfully completed**

**that’s OK too.**

**Enter key (q to quit)[q]: q**

**\* 0. Update kit parameters**

**OK 1. Download software from ftp server**

**- 2. Pre installation tasks**

**- 3. Oracle database installation and configuration**

**- 4. Third party products installation**

**- 5. Aleph software installation and configuration**

**- 6. Post installation tasks**

**Enter key (q to quit)[q]: 2**

**- 1. Pre installation checks.**

**- 2. Inserting listener definition in the /etc/services file as root user.**

**- 3. Change system parameters as root user.**

**- 4. Create oracle user and dba group as root user.**

**- 5. Create aleph user and exlibris group as root user.**

**- 6. Create Aleph and Oracle required directories as root user.**

**- 7. Install Cobol software as root user.**

**- 8. Create system auto startup/shutdown script and links as root user.**

**Enter key (q to quit)[q]: 1**

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Pre installation checks [takes about 1 minute]

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The pre installation checks report will be send to the email:

Pre Installation Check Engine.

The additional log file: ./log/pre\_checks\_info\_file.log

----------System Info----------

Server Name: us-alephtest02

Server Architecture: x86\_64

Server IP: 10.100.3.105

Linux O/S Version: CentOS release 6.5 (Final)

Total System defined processors: 4

Physical Processor Number: 4 of Model: Intel(R) Xeon(R) CPU X5660 @ 2.80GHz

Number of Cores per Processor: 1

Number of Threads per Core: 1

RAM: 3832 MB Swap: 3967 MB

This machine probabely is virtual using VMware

64 bit System

Machine type x86\_64

Checking loopback interface configuration: [OK]

Checking host name in hosts file: [OK]

Checking hostname in LOCAL DNS: [WARNING]

Checking short host name in hosts file: [OK]

Checking short host name on loopback : [OK]

Checking physical ip address match : [OK]

Checking SELINUX disabled : [OK]

Checkin IPTables down : [OK]

IPTables does not start at boot : [OK]

Checking the linux Release. [OK]

Checking OS Architecture. [OK]

Checking the memory size. [OK]

Checking the swap size. [OK]

Checking whether /exlibris directory exists. [OK]

Checking the /exlibris directory size. [OK]

Checking for NFS filesystems [OK]

Checking whether /tmp directory exists. [OK]

Checking the /tmp directory size. [OK]

Checking whether gzip exists in the path. [OK]

Checking whether su exists in the path. [OK]

Checking whether tar exists in the path. [OK]

Checking whether sftp exists in the path. [OK]

Checking whether make exists in the path. [OK]

Checking whether ar exists in the path. [OK]

Checking whether ld exists in the path. [OK]

Checking whether nm exists in the path. [OK]

Checking whether gcc exists in the path. [OK]

Checking if the avahi-glib.x86\_64 version 0 exist. [OK]

Checking if the avahi.x86\_64 version 0 exist. [OK]

Checking if the binutils.x86\_64 version 2 exist. [OK]

Checking if the celt051.x86\_64 version 0 exist. [OK]

Checking if the cloog-ppl.x86\_64 version 0 exist. [OK]

Checking if the compat-db42.x86\_64 version 4 exist. [OK]

Checking if the compat-db43.x86\_64 version 4 exist. [OK]

Checking if the compat-db.x86\_64 version 4 exist. [OK]

Checking if the compat-glibc-headers.x86\_64 version 2 exist. [OK]

Checking if the compat-expat1.i686 version 1 exist. [OK]

Checking if the compat-gcc-34-c++.x86\_64 version 3 exist. [OK]

Checking if the compat-gcc-34.x86\_64 version 3 exist. [OK]

Checking if the compat-libstdc++-33.i686 version 3 exist. [OK]

Checking if the compat-libstdc++-33.x86\_64 version 3 exist. [OK]

Checking if the compat-readline5.i686 version 5 exist. [OK]

Checking if the ConsoleKit-x11.x86\_64 version 0 exist. [OK]

Checking if the cpp.x86\_64 version 4 exist. [OK]

Checking if the elfutils-libelf-devel.x86\_64 version 0 exist. [OK]

Checking if the gcc-c++.x86\_64 version 4 exist. [OK]

Checking if the gcc.x86\_64 version 4 exist. [OK]

Checking if the GConf2.x86\_64 version 2 exist. [OK]

Checking if the glibc-common.x86\_64 version 2 exist. [OK]

Checking if the glibc-devel.i686 version 2 exist. [OK]

Checking if the glibc-devel.x86\_64 version 2 exist. [OK]

Checking if the glibc-headers.x86\_64 version 2 exist. [OK]

Checking if the glibc.i686 version 2 exist. [OK]

Checking if the glibc.x86\_64 version 2 exist. [OK]

Checking if the gnome-vfs2.x86\_64 version 2 exist. [OK]

Checking if the gtk2-engines.x86\_64 version 2 exist. [OK]

Checking if the kernel-headers.x86\_64 version 2 exist. [OK]

Checking if the libaio-devel.i686 version 0 exist. [OK]

Checking if the libaio-devel.x86\_64 version 0 exist. [OK]

Checking if the libaio.i686 version 0 exist. [OK]

Checking if the libaio.x86\_64 version 0 exist. [OK]

Checking if the libbonobo.x86\_64 version 2 exist. [OK]

Checking if the libdaemon.x86\_64 version 0 exist. [OK]

Checking if the libdmx.x86\_64 version 1 exist. [OK]

Checking if the libgcc.i686 version 4 exist. [OK]

Checking if the libgcc.x86\_64 version 4 exist. [OK]

Checking if the libidn.i686 version 1 exist. [OK]

Checking if the libgnome.x86\_64 version 2 exist. [OK]

Checking if the libgomp.x86\_64 version 4 exist. [OK]

Checking if the libICE.i686 version 1 exist. [OK]

Checking if the libIDL.x86\_64 version 0 exist. [OK]

Checking if the libmcpp.x86\_64 version 2 exist. [OK]

Checking if the libSM.i686 version 1 exist. [OK]

Checking if the libstdc++-devel.x86\_64 version 4 exist. [OK]

Checking if the libstdc++.i686 version 4 exist. [OK]

Checking if the libstdc++.x86\_64 version 4 exist. [OK]

Checking if the libtool-ltdl.i686 version 2 exist. [OK]

Checking if the libtool-ltdl.x86\_64 version 2 exist. [OK]

Checking if the libuuid.i686 version 2 exist. [OK]

Checking if the libuuid.x86\_64 version 2 exist. [OK]

Checking if the libX11.i686 version 1 exist. [OK]

Checking if the libXau.i686 version 1 exist. [OK]

Checking if the libxcb.i686 version 1 exist. [OK]

Checking if the libxcb.x86\_64 version 1 exist. [OK]

Checking if the libXext.i686 version 1 exist. [OK]

Checking if the libXi.i686 version 1 exist. [OK]

Checking if the libXmu.x86\_64 version 1 exist. [OK]

Checking if the libXp.x86\_64 version 1 exist. [OK]

Checking if the libXt.i686 version 1 exist. [OK]

Checking if the libXtst.i686 version 1 exist. [OK]

Checking if the libXt.x86\_64 version 1 exist. [OK]

Checking if the libXv.x86\_64 version 1 exist. [OK]

Checking if the libXxf86dga.x86\_64 version 1 exist. [OK]

Checking if the libXxf86misc.x86\_64 version 1 exist. [OK]

Checking if the libXxf86vm.x86\_64 version 1 exist. [OK]

Checking if the make.x86\_64 version 3 exist. [OK]

Checking if the mcpp.x86\_64 version 2 exist. [OK]

Checking if the mpfr.x86\_64 version 2 exist. [OK]

Checking if the ncurses-devel.x86\_64 version 5 exist. [OK]

Checking if the ncurses-libs.i686 version 5 exist. [OK]

Checking if the nss-softokn-freebl.i686 version 3 exist. [OK]

Checking if the ORBit2.x86\_64 version 2 exist. [OK]

Checking if the ppl.x86\_64 version 0 exist. [OK]

Checking if the readline-devel.x86\_64 version 6 exist. [OK]

Checking if the readline.i686 version 6 exist. [OK]

Checking if the shared-mime-info.x86\_64 version 0 exist. [OK]

Checking if the sysstat.x86\_64 version 9 exist. [OK]

Checking if the unixODBC-devel.i686 version 2 exist. [OK]

Checking if the unixODBC-devel.x86\_64 version 2 exist. [OK]

Checking if the unixODBC.i686 version 2 exist. [OK]

Checking if the unixODBC.x86\_64 version 2 exist. [OK]

Checking if the xorg-x11-server-utils.x86\_64 version 7 exist. [OK]

Checking if the xorg-x11-utils.x86\_64 version 7 exist. [OK]

Checking if the xorg-x11-xauth.x86\_64 version 1 exist. [OK]

Checking if the xorg-x11-xinit.x86\_64 version 1 exist. [OK]

Checking if the zlib.i686 version 1 exist. [OK]

-------completed with warnings-------

Send options without primary recipient specified.

Usage: mailx -eiIUdEFntBDNHRV~ -T FILE -u USER -h hops -r address -s SUBJECT -a FILE -q FILE -f FILE -A ACCOUNT -b USERS -c USERS -S OPTION users

Note: I originally got a “[FAULT]” on the libidn.i686 version 1. This is a Red Hat package. A Unix systems person installed it, and a re-run of the checks came out “OK”.

If you get FAULTS, consult Salesforce Article 000022857.

Press Enter to continue

<Enter>

[It returns you to the previous menu:]

OK 1. Pre installation checks.

- 2. Inserting listener definition in the /etc/services file as root user.

- 3. Change system parameters as root user.

- 4. Create oracle user and dba group as root user.

- 5. Create aleph user and exlibris group as root user.

- 6. Create Aleph and Oracle required directories as root user.

- 7. Install Cobol software as root user.

- 8. Create system auto startup/shutdown script and links as root user.

Enter key (q to quit)[q]: **2**

---------------------------------------------------------

Inserting listener definition in the /etc/services file

---------------------------------------------------------

The string already exists in the /etc/services file

Press Enter to continue

<Enter>

[Back to previous menu]

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

- 3. Change system parameters as root user.

<etc.>

Enter key (q to quit)[q]: **3**

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Change system parameters as root user

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Successfully updated system parameters

Press Enter to continue

<Enter>

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

OK 3. Change system parameters as root user.

- 4. Create oracle user and dba group as root user.

<Etc.>

Enter key (q to quit)[q]: **4**

-----------------------------------------------

Create oracle user and dba group as root user

-----------------------------------------------

INFO: The group dba already exist.

INFO: The user oracle already exist.

INFO: oracle user exist: oracle

Press Enter to continue

<Enter>

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

OK 3. Change system parameters as root user.

OK 4. Create oracle user and dba group as root user.

- 5. Create aleph user and exlibris group as root user.

<Etc.>

Enter key (q to quit)[q]: **5**

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Create aleph user and exlibris group as root user

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INFO: The group exlibris already exist.

INFO: The user aleph already exist.

INFO: aleph user exist: aleph

Press Enter to continue

<Enter>

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

OK 3. Change system parameters as root user.

OK 4. Create oracle user and dba group as root user.

OK 5. Create aleph user and exlibris group as root user.

- 6. Create Aleph and Oracle required directories as root user.

Enter key (q to quit)[q]: **6**

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Create required directories as root user

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INFO: This step will create required directories

INFO: choose the installation type from the following:

INFO: ALL - will create all required directories (ALL IN ONE installation)

INFO: SW\_ONLY - will create required directories for Aleph SW and Oracle client (Data Base on remote machine)

INFO: DB\_ONLY - will create required directories for Oracle client and DB (Aleph on remote machine)

Insert Installation type [ ALL, SW\_ONLY, DB\_ONLY ]: **ALL [unless TWO\_TASK]**

INFO: Directory /exlibris/aleph successfully created.

INFO: Directory /exlibris/aleph/ora\_aleph successfully created.

INFO: Directory /exlibris/aleph/backup\_temp successfully created.

INFO: Directory /exlibris/tmp successfully created.

INFO: Directory /exlibris/startup successfully created.

INFO: Directory /exlibris/product successfully created.

[Note: If you get “already exist” for the above six directories, if the directories have files from an older version, it is better to delete them:

rm –rf /exlibris/aleph , etc.

and rerun this step 6.]

Please enter the database disk location [/exlibris]: <Enter>

INFO: Directory /exlibris/tmp already exist.

INFO: Directory /exlibris/startup already exist.

INFO: Directory /exlibris/app already exist.

INFO: Directory /exlibris/app/oracle already exist.

INFO: Directory /exlibris/app/oracle/product already exist.

INFO: chmod 777 to /exlibris/ftp\_from\_exlibris/AIK22

The directories have been created in the disk /exlibris

Press Enter to continue

<Enter>

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

OK 3. Change system parameters as root user.

OK 4. Create oracle user and dba group as root user.

OK 5. Create aleph user and exlibris group as root user.

OK 6. Create Aleph and Oracle required directories as root user.

- 7. Install Cobol software as root user.

- 8. Create system auto startup/shutdown script and links as root user. <Etc.>

Enter key (q to quit)[q]: **7**

-------------------------------------

Install Cobol software as root user

-------------------------------------

Installing Cobol compiler (server express 5.0)

Wait...

Development Cobol software was extracted correctly

Continuing with Development License installation:

MF-LMF:Sat Apr 6 12:40:10 2013: LMF Starting

Dev. License was correctly installed

Continuing with Run Time Cobol installation:

Run Time License was correctly installed

Cobol software was installed 🡨

Press Enter to continue

<Enter>

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

OK 3. Change system parameters as root user.

OK 4. Create oracle user and dba group as root user.

OK 5. Create aleph user and exlibris group as root user.

OK 6. Create Aleph and Oracle required directories as root user.

OK 7. Install Cobol software as root user.

- 8. Create system auto startup/shutdown script and links as root user.

Enter key (q to quit)[q]: **8**

-------------------------------------------------------------------

Creating system links and system script /etc/rc.d/init.d/exlibris

-------------------------------------------------------------------

The system script /etc/rc.d/init.d/exlibris already exist in the server

The system link /etc/rc0.d/K10exlibris already exist in the server

The system link /etc/rc6.d/K10exlibris already exist in the server

The system link /etc/rc3.d/S96exlibris already exist in the server

The system link /etc/rc5.d/S96exlibris already exist in the server

System links and system script /etc/rc.d/init.d/exlibris are created

Press Enter to continue

<Enter>

OK 1. Pre installation checks.

OK 2. Inserting listener definition in the /etc/services file as root user.

OK 3. Change system parameters as root user.

OK 4. Create oracle user and dba group as root user.

OK 5. Create aleph user and exlibris group as root user.

OK 6. Create Aleph and Oracle required directories as root user.

OK 7. Install Cobol software as root user.

OK 8. Create system auto startup/shutdown script and links as root user.

Enter key (q to quit)[q]: **q**

**[You are taken back to main menu:]**

\* 0. Update kit parameters

OK 1. Download software from ftp server

OK 2. Pre installation tasks

- 3. Oracle database installation and configuration

- 4. Third party products installation

- 5. Aleph software installation and configuration

- 6. Post installation tasks

Enter key (q to quit)[q]: **3**

- 1. Extract Oracle software

- 2. Create listener.ora and tnsnames.ora file

- 3. Install database

- 4. Check connection to the database via listener

\* 5. Create Oracle start/stop scripts(only on Dedicated Oracle Server)

Enter key (q to quit)[q]: **1**

-------------------------

Extract Oracle software

-------------------------

INFO: Extracting Oracle software binaries [Takes about 3 minutes]

Please wait........................extract\_oracle\_sw.bash: line 21: 17039 Killed PROGRESS "extract\_oracle\_sw.bash"

Check /exlibris/app/oracle/product/11r2/install/root\_us-elunaaleph.corp.exlibrisgroup.com\_2013-04-17\_09-15-57.log for the output of root script

Oracle software was extracted

Press Enter to continue <Enter>

[Return to previous menu]

----------------------------------------------------------------------

OK 1. Extract Oracle software

- 2. Create listener.ora and tnsnames.ora file

- 3. Install database

- 4. Check connection to the database via listener

\* 5. Create Oracle start/stop scripts(only on Dedicated Oracle Server)

Enter key (q to quit)[q]: **2**

-----------------------------

Create Oracle network files

-----------------------------

INFO: Oracle DB will be configured with the following: us-elunaaleph - update or confirm

Please Confirm [Y/n]:Y

Please enter the name of the database,no longer than 8 chars [aleph22] :

<Enter>

The Oracle network files(listener.ora and tnsnames.ora) are created properly

Press Enter to continue <Enter>

[Return to previous menu]

----------------------------------------------------------------------

OK 1. Extract Oracle software

OK 2. Create listener.ora and tnsnames.ora file

- 3. Install database

- 4. Check connection to the database via listener

\* 5. Create Oracle start/stop scripts(only on Dedicated Oracle Server)

Enter key (q to quit)[q]: **3**

-------------------------

Startup Oracle listener

-------------------------

Starting Oracle listener

Please wait.

INFO: Oracle listener was startup properly

---------------------------------------

Oracle 11.2.0.4 database installation

---------------------------------------

INFO: This step will install the Oracle database.

INFO: The process will run in the background, and you will be notified by e-mail upon completion.

Please enter a value for Archiving, Data files, Redo logs and System files []: **/exlibris [this is where you want /oradata to be located]**

---------------------------------------

Oracle 11.2.0.4 database installation

---------------------------------------

The Oracle database will be installed with the following parameters:

--------------------------------------------------------------------

Server name: us-alephtest02

Oracle SID: aleph22

Database files location: /exlibris

Please Confirm [Y/n]: y

Extracting copy db scripts

Please wait.

Extracting Source Data files

Please wait.

INFO: DB creation runs in background, an email message will be sent at completion

INFO: DO NOT proceed further untill this step successfully complete

INFO: Logs can be found at:

INFO: General Aleph Kit Log: /exlibris/ftp\_from\_exlibris/AIK22/log/aleph\_installation\_kit.log **🡨**

INFO: DB Installation Log: /exlibris/ftp\_from\_exlibris/copy\_db/log/db\_target.log **🡨**

An E-mail message will sent at completion

Press Enter to continue

**Don’t press Enter at this point. (Wait until the files are done downloading.) Go to your second session on this server and:**

**cd /exlibris/ftp\_from\_exlibris/AIK22/log**

**Wait until** db\_target.log and aleph\_installation\_kit.log are done [10 min.]

db\_target.log should have the following last four lines:

170413-1045 Database aleph22 is up and running...

Archiving has been set to /exlibris/oradata/aleph22/arch

170413-1045 Shutdown aleph22 database

170413-1046 Database clone is successfully performed

and aleph\_installation\_kit.log, these:

LOG: DB is up and Running, installing DBConsole ...

LOG: Installed DBConsole with 2 exit code, fixing time zone ...

LOG: Installed DBConsole with 2 exit code ...

LOG: time zone was updated with exit code 0 ...

LOG: OPATCH inventory status is 0 ...

Then go back to first session and press Enter:

Press Enter to continue

You must specify direct recipients with -s, -c, or -b.

**<Enter>**

**[You are taken back to previous menu]**

----------------------------------------------------------------------

OK 1. Extract Oracle software

OK 2. Create listener.ora and tnsnames.ora file

OK 3. Install database

- 4. Check connection to the database via listener

\* 5. Create Oracle start/stop scripts(only on Dedicated Oracle Server)

Enter key (q to quit)[q]: **4**

-----------------------------------------------

Check connection to the database via listener

-----------------------------------------------

The connection to the database aleph22 via listener hasn't been established yet... [**A *very* common error.**

Press Enter to continue

**The solution to this problem is described in Article 000002706 (KB** 16384-46018) **…**

**Go to your second session on this server and:**

* [root@....]# **cd /exlibris/app/oracle/product/11r2/network/admin**
* **correct listener.ora and tnsnames.ora as described in Article 000022973 (KB 16384-61809 .**

Then go back to your first session and perform step 3.4 (“Check connection to the database via listener”) again. Hopefully, seeing this:

“the connection to the database aleph22 via listener working properly”

Press Enter to continue <Enter>

[You are taken back to the previous menu.]

OK 1. Extract Oracle software

OK 2. Create listener.ora and tnsnames.ora file

OK 3. Install database

OK 4. Check connection to the database via listener

\* 5. Create Oracle start/stop scripts(only on Dedicated Oracle Server)

Enter key (q to quit)[q]: **q**

[We don’t do step 5 because this is *not* a Dedicated Oracle Server; it also has Aleph.]

[You are taken back to the previous menu (the initial menu).]

\* 0. Update kit parameters

OK 1. Download software from ftp server

OK 2. Pre installation tasks

OK 3. Oracle database installation and configuration

- 4. Third party products installation

- 5. Aleph software installation and configuration

- 6. Post installation tasks

Enter key (q to quit)[q]: **4**

-----------------------------------------------------------------

- 1. Extract binary product package

Enter key (q to quit)[q]: **1** **🡨[Enter “1”]**

----------------------------------------

Installing /exlibris/product directory

----------------------------------------

Installing /exlibris/product

Please wait.

INFO: Extracting cobol5...

INFO: Extracting freetype-2.3.11...

INFO: Extracting ghostscript-8.70...

INFO: Extracting httpd-2.2.22...

INFO: Extracting ImageMagick-6.6.1-10...

INFO: Extracting instantclient\_11\_2...

INFO: Extracting jasper-1.900.1...

INFO: Extracting jdk1.6.0\_30.i386...

INFO: Extracting jpeg-6b...

INFO: Extracting libxml2-2.6.29...

INFO: Extracting libxslt-1.1.21...

INFO: Extracting make-3.80...

INFO: Extracting openssl-0.9.8r...

INFO: Extracting perl-5.8.9...

INFO: Extracting tiff-3.8.2...

INFO: Extracting util...

INFO: Extracting xpdf...

INFO: /exlibris/product/linklist updated

INFO: Third party product installation done

INFO: The extraction of the third party product is complete

--------------------------------------------------

Fixing the permissions of the products directory

--------------------------------------------------

Please wait.ikit\_4\_1: line 39: 25006 Killed PROGRESS "ikit\_4\_1"

The third party product packages were extracted to the /exlibris/product

Press Enter to continue <Enter>

OK 1. Extract binary product package

Enter key (q to quit)[q]: q

-----------------------------------------------------------------------

\* 0. Update kit parameters

OK 1. Download software from ftp server

OK 2. Pre installation tasks

OK 3. Oracle database installation and configuration

OK 4. Third party products installation

- 5. Aleph software installation and configuration

- 6. Post installation tasks

Enter key (q to quit)[q]: **5**

--------------------------------------------

- 1. Extract Aleph Base

- 2. Aleph software configuration

- 3. Update license

\* 4. Install Service Pack

- 5. Relocate alephe directory

- 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: **1**

----------------------------------

Extract Aleph software binaries:

----------------------------------

Please enter a slot number (1-9) a22\_[1]: **<Enter>**

INFO: a22\_1 is being extracted under: /exlibris/aleph/

Please wait.......... [takes about one minute]

-----------------------------------------------------------

Creating the links between the 3rd party products and aleph

-----------------------------------------------------------

INFO: log will be written to /exlibris/ftp\_from\_exlibris/AIK22/log/aleph\_installation\_kit.log

INFO: Creating links

INFO: local/cobol --> /exlibris/product/cobol5

INFO: local/freetype --> /exlibris/product/freetype-2.3.11

INFO: bin/gs --> /exlibris/product/ghostscript-8.70/bin/gs

INFO: bin/httpd --> /exlibris/product/httpd-2.2.22/bin/httpd

INFO: local/apache --> /exlibris/product/httpd-2.2.22

INFO: bin/convert --> /exlibris/product/ImageMagick-6.6.1-10/bin/convert

INFO: bin/identify --> /exlibris/product/ImageMagick-6.6.1-10/bin/identify

INFO: local/im --> /exlibris/product/ImageMagick-6.6.1-10

INFO: local/instantclient --> /exlibris/product/instantclient\_11\_2

INFO: local/jasper --> /exlibris/product/jasper-1.900.1

INFO: local/java --> /exlibris/product/jdk1.6.0\_30.i386

INFO: local/jpeg --> /exlibris/product/jpeg-6b

INFO: local/libxml --> /exlibris/product/libxml2-2.6.29

INFO: local/libxslt --> /exlibris/product/libxslt-1.1.21

INFO: bin/make --> /exlibris/product/make-3.80/bin/make

INFO: bin/openssl --> /exlibris/product/openssl-0.9.8r/bin/openssl

INFO: local/openssl --> /exlibris/product/openssl-0.9.8r

INFO: bin/perl --> /exlibris/product/perl-5.8.9/bin/perl

INFO: bin/perldoc --> /exlibris/product/perl-5.8.9/bin/perldoc

INFO: local/perl --> /exlibris/product/perl-5.8.9

INFO: local/tiff --> /exlibris/product/tiff-3.8.2

INFO: bin/tar --> /exlibris/product/util/bin/tar

INFO: bin/wget --> /exlibris/product/util/bin/wget

INFO: bin/pdftotext --> /exlibris/product/xpdf/bin/pdftotext

INFO: /exlibris/aleph/a22\_1/product links created

extract\_aleph\_sw.bash: line 68: 20260 Killed PROGRESS "extract\_aleph\_sw.bash" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

Aleph software binaries have been succesfully extracted

-----------------------------------

Aleph demo libraries installation

-----------------------------------

Available demo libraries are:

\*) USM ---> **installed by default 🡨**

\*) UNN ---> type uni

\*) MAB ---> type mab

\*) DAN ---> type dan

\*) SWE ---> type swe

Please select the demo libraries you wish to install, one by one, from the above list (or type q to quit): **q**

INFO: Extracting usm libs:

Please wait.extract\_libs.sh: line 19: 20728 Killed PROGRESS "extract\_libs.sh" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Extraction of the usm libraries has been successfully completed.

------------------------------------------

Finishing Aleph parameters configuration

------------------------------------------

Please wait.ikit\_5\_1: line 174: 20752 Killed PROGRESS "ikit\_5\_1"

Successfully extracted the Aleph software binaries

Press Enter to continue <ENTER>

You are returned to the previous menu:

----------------------------------------------------------------------

OK 1. Extract Aleph Base

- 2. Aleph software configuration

- 3. Update license

\* 4. Install Service Pack

- 5. Relocate alephe directory

- 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: **2**

---------------------------------------------

Aleph Software Configuration & Localization

---------------------------------------------

Please enter the server WWW hostname or IP [us-alephtest02.corp.exlibrisgroup.com]: <ENTER>

---------------------------------------------

Aleph Software Configuration & Localization

---------------------------------------------

Please enter the server WWW hostname or IP [us-alephtest02.corp.exlibrisgroup.cm]:

Aleph default language is English

Additional available languages are:

\*) French ---> type fre

\*) German ---> type ger

\*) Italian ---> type ita

\*) Dannish ---> type dan

\*) Swedish ---> type swe

Please select additional languages from the list (or type q to quit): q

The following languages will be installed: English

---------------------------

Deleting unused languages

---------------------------

INFO: Deleting the German language.

Please wait.

INFO: All files related to the German language have been deleted

delete\_langs.sh: line 45: 20984 Killed PROGRESS "delete\_langs.h" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Deleting the French language.

Please wait.

INFO: All files related to the French language have been deleted

delete\_langs.sh: line 45: 21052 Killed PROGRESS "delete\_langs.h" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Deleting the Italian language.

Please wait.

INFO: All files related to the Italian language have been deleted

delete\_langs.sh: line 45: 21120 Killed PROGRESS "delete\_langs.h" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Deleting the Dannish language.

Please wait.

INFO: All files related to the Dannish language have been deleted

delete\_langs.sh: line 45: 21188 Killed PROGRESS "delete\_langs.h" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Deleting the Swedish language.

Please wait.

INFO: All files related to the Swedish language have been deleted

delete\_langs.sh: line 45: 21256 Killed PROGRESS "delete\_langs.h" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

----------------------

Regions installation

----------------------

================================================

Regions are only available for SWE/DAN libraries

Do not install regions unless you are required

================================================

Do you wish to install Aleph regions [y/N]? **N**

INFO: Deleting the elib region

Finished deleting the elib region

-----------------------------------

Application and PDS configuration

-----------------------------------

Please wait..ikit\_5\_2: line 262: 21438 Killed PROGRESS "ikit\_5\_2"

Aleph has been configured properly

Press Enter to continue **<Enter>**

----------------------------------------------------------------------

OK 1. Extract Aleph Base

OK 2. Aleph software configuration

- 3. Update license

\* 4. Install Service Pack

- 5. Relocate alephe directory

- 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: **3**

------------------------

Updating Aleph license

------------------------

A vi editor will open,

Please paste the license you recieved , save and exit

press enter when ready

GG1N1FQNEU

2IQKGXAXU9

T5NUAU6KG3

X5898F51SA

UH2V5MFPCX

ALEPH-VERSION 22

MAX-WEB-USERS 050

MAX-GUI-USERS 050

MAX-Z39-USERS 010

MAX-NO-LIBS 035

MAX-DOC-NUMBER 1500000

ISSUE-DATE 201403

EXPIRATION-DATE 201503

MAX-SLNP-SERVERS 005

MAX-SC-SERVERS 005

MAX-OCLC-SERVERS 005

MAX-NCIP-SERVERS 005

MAX-WWW-X-USERS 010

IP-ADDRESS 010.100.003.105

GUI-ALL Y

SYNDETICS Y

SLNP-SERVER Y

ARC-ETL Y

REGION US

**:wq**

Would you like to update x-license [Y]N ?

Please Confirm [Y/n]: **Y**

Please paste the x-license you recieved , save and exit

press enter when ready

3T4GQ27BI2

B832BIGNTT

SVE3D5KX5I

4T5MQNQ2Q5

5UV6G2YTY8

ALEPH-VERSION 22

ISSUE-DATE 201403

EXPIRATION-DATE 201503

IP-ADDRESS 010.100.003.105

ALL-SERVICES Y

**:wq**

The license was checked O.K

Or, instead, you could see:

INFO: Do Not continue with the installation until license issue will be solved.

**Error: Failed during license check.... please check**

**If so, consult steps 2-6 in Article** [000001695](https://exlibrisgroup.my.salesforce.com/kA1600000004Dq9?srPos=0&srKp=ka1) (**KB 16384-50066) (“Error: Failed during license check"), and redo this step.**

Press Enter to continue

<Enter>

[You are taken back to previous menu]

OK 1. Extract Aleph Base

OK 2. Aleph software configuration

OK 3. Update license

\* 4. Install Service Pack

- 5. Relocate alephe directory

- 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: **4**

---------------------------

Service pack installation

---------------------------

Please enter the location of the sp dist. package [/exlibris/ftp\_from\_exlibris] : **<Enter>**

Execute master cshrc

Options fast = Y initial = Y

Opening tar files...please wait!

Copying files. Please wait...

Removing utf files ...

The Service Pack was installed successfully. Run aleph\_startup!

the service pack was installed properly

Press Enter to continue **<Enter>**

[You are taken back to previous menu]

OK 1. Extract Aleph Base

OK 2. Aleph software configuration

OK 3. Update license

OK 4. Install Service Pack

- 5. Relocate alephe directory

- 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: **5**

------------------------------

Relocating alephe directory:

------------------------------

INFO: Removing unused language files

INFO: Removing unused ger files...

delete\_langs.sh: line 45: 27538 Killed PROGRESS "delete\_langs.sh" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Removing unused fre files...

delete\_langs.sh: line 45: 27606 Killed PROGRESS "delete\_langs.sh" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Removing unused ita files...

delete\_langs.sh: line 45: 27676 Killed PROGRESS "delete\_langs.sh" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Removing unused dan files...

delete\_langs.sh: line 45: 27744 Killed PROGRESS "delete\_langs.sh" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Removing unused swe files...

delete\_langs.sh: line 45: 27812 Killed PROGRESS "delete\_langs.sh" (wd: /exlibris/ftp\_from\_exlibris/AIK22)

INFO: Removing unused uni Directories...

INFO: Removing unused mab Directories...

INFO: Removing unused dan Directories...

INFO: Removing unused swe Directories...

INFO: Cleaning some irrelevant files before

INFO: Droping unused schemas

INFO: Droping MAB useres from DB

INFO: Droping UNI useres from DB

INFO: Droping DAN useres from DB

INFO: Droping SWE useres from DB

INFO: move alephe directory

Relocation of alephe is done

Press Enter to continue **<Enter>**

[You are returned to previous menu]

OK 1. Extract Aleph Base

OK 2. Aleph software configuration

OK 3. Update license

OK 4. Install Service Pack

OK 5. Relocate alephe directory

- 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: **6**

-----------------------------------------------------------------------

Creating auto stratup/shutdown scripts(start\_stop and init.dat files)

-----------------------------------------------------------------------

The auto stratup/shutdown scripts(start\_stop and init.dat files) were updated properly

Press Enter to continue <Enter>

[You are returned to previous menu]

OK 1. Extract Aleph Base

OK 2. Aleph software configuration

OK 3. Update license

OK 4. Install Service Pack

OK 5. Relocate alephe directory

OK 6. Update auto startup/shutdown script

Enter key (q to quit)[q]: q

\* 0. Update kit parameters

OK 1. Download software from ftp server

OK 2. Pre installation tasks

OK 3. Oracle database installation and configuration

OK 4. Third party products installation

OK 5. Aleph software installation and configuration

- 6. Post installation tasks

Enter key (q to quit)[q]: **6**

- 1. Update aleph user login menu

- 2. Run test compilation

- 3. Add TableSpaces and DataFiles

- 4. Startup Aleph software

- 5. Install security fix

Enter key (q to quit)[q]: **1**

------------------------------

Update aleph user login menu

------------------------------

Backup the current def\_aleph.dat and def\_version files

The Aleph login menu was created

Press Enter to continue **<Enter>**

[You are returned to previous menu]

OK 1. Update aleph user login menu

- 2. Run test compilation

- 3. Add TableSpaces and DataFiles

- 4. Startup Aleph software

- 5. Install security fix

Enter key (q to quit)[q]: 2

----------------------

Run test compilation

----------------------

The test compile procedure completed successfully

Press Enter to continue **<Enter>**

[You are returned to previous menu]

OK 1. Update aleph user login menu

OK 2. Run test compilation

- 3. Add TableSpaces and DataFiles

- 4. Startup Aleph software

- 5. Install security fix

Make sure that there’s a /exlibris/oradata directory:

[root@us-alephtest02 exlibris]# ls

AIK22.20130221.tar app ftp\_from\_exlibris.old oradata startup

aleph ftp\_from\_exlibris lost+found product tmp

Enter key (q to quit)[q]: **3**

Execute master cshrc

-------------------------------

Aleph 22 - Add DataFiles Util

-------------------------------

Choose DB Loacation [ Remote / Local ]: **Local [since this is not TWO\_TASK]**

Insert mount points for db installation files (q to quit, <enter> after each value: **/exlibris** <enter>

WARNING: It is highly recommand to use Source DB description file

WARNING: it can be generated by executing sdbdesc.sh util on the Source db server

[If you know what TS*n*D and TS*n*X tablespaces this Aleph instance should have, it is **not** necessary to do this sdbdesc.sh. In that case, enter “Y” below.]

continue[Y] - will prompt you for values

abort[n] - exit and wait for Source DB description

Please Confirm [Y/n]: **Y**

INFO: Please Insert Data Table Space names only

INFO: For Table Space Size please Insert values in 1 GB, e.g for 12 GB TS Size Insert 12

[On this Ex Libris Test server, with 5,000 bib records, we enter 1 [Gig] for each tablespace.]

Insert Table space from the availables TS1D TS2D TS3D TS4D (q to quit, <enter> after each value):

**TS1D**

Insert required size for TS1D (block-size 1G):

**1**

Insert Table space from the availables TS1D TS2D TS3D TS4D (q to quit, <enter> after each value):

**TS2D**

Insert required size for TS2D (block-size 1G):

**1**

Insert Table space from the availables TS1D TS2D TS3D TS4D (q to quit, <enter> after each value):

**TS3D**

Insert required size for TS3D (block-size 1G):

**1**

Insert Table space from the availables TS1D TS2D TS3D TS4D (q to quit, <enter> after each value):

**TS4D**

Insert required size for TS4D (block-size 1G):

**1**

Insert Table space from the availables TS1D TS2D TS3D TS4D (q to quit, <enter> after each value):

**q**

INFO: Please Insert Index Table Space names only

INFO: For Index Size please Insert values in 1GB units, e.g for 12 GB TS Size Insert 12

Insert Index from the availables TS1X TS2X TS3X TS4X (q or <enter> to quit, <enter> after each value):

**TS1X**

Insert required size for TS1X (block-size 1G):

**1**

Insert Index from the availables TS1X TS2X TS3X TS4X (q or <enter> to quit, <enter> after each value):

**TS2X**

Insert required size for TS2X (block-size 1G):

**1**

Insert Index from the availables TS1X TS2X TS3X TS4X (q or <enter> to quit, <enter> after each value):

**TS3X**

Insert required size for TS3X (block-size 1G):

**1**

Insert Index from the availables TS1X TS2X TS3X TS4X (q or <enter> to quit, <enter> after each value):

**TS4X**

Insert required size for TS4X (block-size 1G):

**1**

Insert Index from the availables TS1X TS2X TS3X TS4X ((q or <enter> to quit, <enter> after each value):

**q**

Performing some calculations, patient is a virtue

Please wait.

INFO: Creating Sql according to the following:

Table Space:TS1D -- Data File:/exlibris/oradata/aleph22/aleph22\_ts1d\_02.dbf - - Size: 1 GB

Table Space:TS1X -- Data File:/exlibris/oradata/aleph22/aleph22\_ts1x\_02.dbf - - Size: 1 GB

Table Space:TS2D -- Data File:/exlibris/oradata/aleph22/aleph22\_ts2d\_02.dbf - - Size: 1 GB

Table Space:TS2X -- Data File:/exlibris/oradata/aleph22/aleph22\_ts2x\_02.dbf - - Size: 1 GB

Table Space:TS3D -- Data File:/exlibris/oradata/aleph22/aleph22\_ts3d\_02.dbf - - Size: 1 GB

Table Space:TS3X -- Data File:/exlibris/oradata/aleph22/aleph22\_ts3x\_02.dbf - - Size: 1 GB

Table Space:TS4D -- Data File:/exlibris/oradata/aleph22/aleph22\_ts4d\_02.dbf - - Size: 1 GB

Table Space:TS4X -- Data File:/exlibris/oradata/aleph22/aleph22\_ts4x\_02.dbf - - Size: 1 GB

Please Confirm [Y/n]: **Y**

INFO: Creating Sql file

INFO: Sql file has been created: ./log/CreateAddDataFiles.sql

INFO: You can open another terminal and change/modify TS size and location in ./log/CreateAddDataFiles.sql file save it and then continue or to execute exec\_CreateAdd.sh as aleph user

INFO: Enter 'Y' or 'n' to cancel

Please Confirm [Y/n]: **Y**

INFO: Adding files to aleph22

INFO: This proccess can take a while, therefore it runs in background

INFO: At compleation an email will be send to

INFO: if mail util is not applicable, check for completion status at the kit menu, or check PID=3074 completed

Job 3074 runs in bg

[Go to second session “cd /exlibris/ftp\_from\_exlibris/AIK22/log” to observe progress of job: CreateAddDataFiles.log .

Press Enter to continue

You must specify direct recipients with -s, -c, or -b.

<Enter>

[You are returned to previous menu]

----------------------------------------------------------------------

OK 1. Update aleph user login menu

OK 2. Run test compilation

OK 3. Add TableSpaces and DataFiles

- 4. Startup Aleph software

- 5. Install security fix

Enter key (q to quit)[q]: **4**

------------------------------------------

Starting Aleph software including Apache

------------------------------------------

The Apache is up and running

Aleph sofware has been successfully started up

Aleph software was startup properly

Press Enter to continue <Enter>

[You are returned to previous menu]

----------------------------------------------------------------------

OK 1. Update aleph user login menu

OK 2. Run test compilation

OK 3. Add TableSpaces and DataFiles

OK 4. Startup Aleph software

- 5. Install security fix

Enter key (q to quit)[q]: **5**

This step might not run properly if more than one product is running on the system.

Please advise Oracle Security Alert CVE-2012-1675 â Implementation Clarifications for Automatic Fix, before you continue.

Would you like to continue? [y/n]: **y**

ikit\_6\_5: line 12: break: only meaningful in a `for', `while', or `until' loop

--2013-04-12 09:45:36-- ftp://orasec:\*password\*@ftp.exlibris-usa.com/ora\_listener\_patch

=> `ora\_listener\_patch'

Resolving ftp.exlibris-usa.com... 199.117.46.252

Connecting to ftp.exlibris-usa.com|199.117.46.252|:21... connected.

Logging in as orasec ... Logged in!

==> SYST ... done. ==> PWD ... done.

==> TYPE I ... done. ==> CWD not needed.

==> SIZE ora\_listener\_patch ... 22051

==> PASV ... done. ==> RETR ora\_listener\_patch ... done.

Length: 22051 (22K)

100%[===================================================================================================================>] 22,051 --.-K/s in 0.02s

2013-04-12 09:45:36 (1.12 MB/s) - `ora\_listener\_patch' saved [22051]

Verifying archive integrity... All good.

Uncompressing Fix For Oracle Listener Security Issue...............

Starting Fri Apr 12 09:45:36 CDT 2013

Log location: /tmp/listener\_config\_output.20130412.094536.log

Please enter Ex Libris customer code (country code + customer):

01EXL

Please enter the products that you would like to patch (product1, product2 ...):

**Aleph**

Starting Fri Apr 12 09:45:36 CDT 2013

== Applying oracle patch fix for Listener on /exlibris/app/oracle/product/11r2 for aleph22

= related to Oracle Security Alert for CVE-2012-1675, issued 2012 April

---------------------------------------------------------

The parameter local\_listener already set to KEY=REGISTER - OK

---------------------------------------------------------

---------------------------------------------------------

Stopping Oracle Listener

---------------------------------------------------------

LSNRCTL for Linux: Version 11.2.0.4.0 - Production on 12-APR-2013 09:52:48

Copyright (c) 1991, 2011, Oracle. All rights reserved.

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=us-alephtest02.corp.exlibrisgroup.com)(PORT=1521)))

The command completed successfully

---------------------------------------------------------

SECURE\_REGISTER\_LISTENER = (IPC) line already present - OK

---------------------------------------------------------

---------------------------------------------------------

Displaying /exlibris/app/oracle/product/11r2/network/admin/listener.ora

---------------------------------------------------------

LISTENER =

(DESCRIPTION\_LIST =

(DESCRIPTION =

(ADDRESS = (PROTOCOL = TCP)(HOST = us-alephtest02.corp.exlibrisgroup.com)(PORT = 1521))

(ADDRESS = (PROTOCOL = IPC)(KEY = REGISTER))

)

)

sid\_list\_listener=(sid\_list=

(sid\_desc=

(global\_dbname=aleph22.us-alephtest02.corp.exlibrisgroup.com)

(sid\_name=aleph22)

(oracle\_home=/exlibris/app/oracle/product/11r2)

)

)

SECURE\_REGISTER\_LISTENER = (IPC)

---------------------------------------------------------

Restarting the listener

---------------------------------------------------------

== Oracle Listener security patch is complete for instance aleph22 on us-alephtest02.corp.exlibrisgroup.com

---------------------------------------------------------

---------------------------------------------------------

== Fri Apr 12 09:52:50 CDT 2013

---------------------------------------------------------

DONE Fri Apr 12 09:52:50 CDT 2013

(You are returned to previous menu.)

----------------------------------------------------------------------

OK 1. Update aleph user login menu

OK 2. Run test compilation

OK 3. Add TableSpaces and DataFiles

OK 4. Startup Aleph software

OK 5. Install security fix

Enter key (q to quit)[q]: **q**

(You are returned to the initial menu.)

----------------------------------------------------------------------

\* 0. Update kit parameters

- 1. Download software from ftp server

OK 2. Pre installation tasks

OK 3. Oracle database installation and configuration

OK 4. Third party products installation

OK 5. Aleph software installation and configuration

OK 6. Post installation tasks

Enter key (q to quit)[q]: **q**

[jerrys@us-alephtest02 AIK22]$

**<YOU’RE DONE!!>**