



Service Pack Installation Guide

Version 8.2.2

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Document released: September 2013

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Table of Contents

	Updates to This Guide	5
Chapter 1	Requirements	7
	Server Requirements	7
	Downtime	7
Chapter 2	Downloading and Installing the Voyager Service Pack	9
	Downloading the Voyager Service Pack	9
	Pre-Installation Procedures	11
	Installing the Voyager Service Pack.....	12
Chapter 3	Running the Voyager Regens	19
Chapter 4	Post-Installation Procedures	21

Updates to This Guide

This guide includes the following change:

- The procedure to install the Voyager service pack has been changed. For more information, see [Installing the Voyager Service Pack](#) on page 12.

1

Requirements

This section describes the system requirements for installing the Voyager service pack.

This section includes:

- **Server Requirements** on page 7
- **Downtime** on page 7

Server Requirements

- Space – Approximately 3700 MB of space on the server
- Version – Voyager 8.2.0
- Regen Space – Twice the space of the Voyager Database. A headings regen is required to obtain all fixes for this patch. For more information concerning the regens, see **Running the Voyager Regens** on page 19.

NOTE:

If regens were performed as part of the Voyager 8.2.1 service pack, they can be skipped for this service pack.

Downtime

- Time – Approximately 15-30 minutes per database. For consortiums the installation takes longer, depending on the number of databases involved.
- Regen Time – Varies, depending on the number of headings and bibliographic records
- Staff Client Availability Required – None

NOTE:

During the installation of the service pack, the Voyager modules are unavailable.

- Web Availability Required – None
-

NOTE:

Voyager Web access is unavailable during the service pack installation

- Oracle Availability Required – Full
-

NOTE:

Oracle does not need to be stopped.

- Reboot Required – No

2

Downloading and Installing the Voyager Service Pack

This section describes the installation procedures for installing the Voyager service pack.

This section includes:

- **Downloading the Voyager Service Pack** on page 9
- **Pre-Installation Procedures** on page 11
- **Installing the Voyager Service Pack** on page 12

Downloading the Voyager Service Pack

Perform the following steps to download the Voyager service pack.

NOTE:

Window's users enter commands using the kornshell application. To open a kornshell environment, go to **Start>All Programs>MKS Toolkit>Kornshell** or click the Kornshell icon that may appear on your desktop.

To download the Voyager service pack:

- 1 Log on to the server as the `voyager` user.

- For UNIX:

```
su - voyager
```

- For Windows:

Log on to your Voyager server as the `voyager` user using a Remote Desktop Connection or VNC viewer. To open a Remote Desktop Connection, click **Start > Run > mstsc**.

NOTE:

For sites with a split server configuration, log on to each of the servers and download the service pack on each one.

2 Run the download utility from the /m1/utility/util directory.

■ For UNIX:

```
cd /m1/utility/util
util
```

■ For Windows:

```
cd D:/m1/utility/util
util
```

The following is displayed:

```
      Select Voyager Database
      =====
      1. exlibrisdb Database
      2. traindb Database
      X. Exit
      Select database to use:
```

3 Select a database on which to run the service pack. This step loads specific environmental variables needed by the utility to determine which service pack to download.

NOTE:

If you run the service pack again later, you are able to select additional databases on which to run the service pack.

The following is displayed:

```
Library Utilities: Voyager database traindb
      =====
      I. Index Maintenance
      O. ORACLE Management
      S. Linux Maintenance activities
      SP. Voyager Service Pack Utilities
      W. WebVoyage Utilities
      Please select [exit]:sp
```

- 4 Enter **SP** to open the Service Pack screen. The following is displayed:

```
Voyager Service Pack Utilities: Voyager database traindb
=====
D. Download the latest Voyager Service Pack
G. Verify Downloaded Voyager Service Pack
I. Apply Voyager Service Pack to traindb
Please select [exit]:
```

- 5 Enter **D** to download the service pack.
- 6 To check if the download is in progress, enter **G** from the Service Pack screen. If the download is in progress, the following is displayed:

```
A download is in progress...
Press return to continue...
```

When the download completes successfully, the following is displayed:

```
Voyager Service Pack: OK
```

Pre-Installation Procedures

NOTE:

For sites with a split server configuration, log on to each of the servers and stop the services installed on each one.

Perform the following steps before installing the Voyager service pack.

- 1 View the `Readme` file.
- 2 Contact the server administrator and obtain the server root user's password.
- 3 Stop the Web server.

- For UNIX:

```
su -
/etc/init.d/httpd2 stop
```

- For Windows:

```
cd C:/etc/init.d/
./HTTPD.KSH stop
```

- 4 Stop Voyager.

- For UNIX:

```
su -  
/etc/init.d/voyager stop
```

- For Windows:

```
cd C:/etc/init.d/  
./VOYAGER.KSH stop
```

Installing the Voyager Service Pack

NOTE:

For sites with a split server configuration, log on to each of the servers and install the service pack on each one. It is recommended to run the service pack first on the database server, then the application server, and finally the Web server.

Perform the following steps to install the Voyager service pack.

To install the Voyager service pack:

- 1 Log on to the server as the `voyager` user.

- For UNIX:

```
su - voyager
```

- For Windows:

Log on to your Voyager server as the `voyager` user using a Remote Desktop Connection or VNC viewer. To open a Remote Desktop Connection, click **Start > Run > mstsc**.

- 2 Run the download utility from the `/m1/utility/util` directory.

- For UNIX:

```
cd /m1/utility/util  
util
```

- For Windows:

```
cd D:/m1/utility/util  
util
```

The following is displayed:

```
Select Voyager Database
=====
1. exlibrisdb Database
2. traindb Database
X. Exit
Select database to use: 2
```

- 3 Select a database on which to run the service pack. This step loads specific environmental variables needed by the utility to determine which service pack to download.

The following is displayed:

```
Library Utilities: Voyager database traindb
=====
I. Index Maintenance
O. ORACLE Management
S. Linux Maintenance activities
SP. Voyager Service Pack Utilities
W. WebVoyage Utilities
Please select [exit]:sp
```

- 4 Enter SP to open the Service Pack screen. The following is displayed:

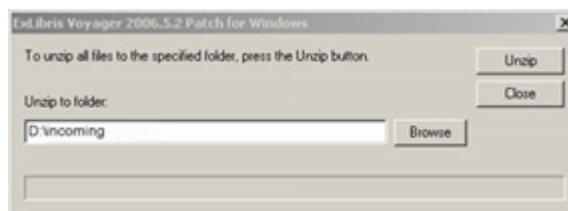
```
Voyager Service Pack Utilities: Voyager database traindb
=====
D. Download the latest Voyager Service Pack
G. Verify Downloaded Voyager Service Pack
I. Apply Voyager Service Pack to traindb
Please select [exit]:
```

NOTE:

The service pack for Windows updates all of the databases on the server, by default. If individual databases need to be updated, open an e-Service request and ask for assistance from Support.

- 5 Enter I to apply the Voyager service pack to the database.

- For Windows: The following is displayed:



Click **Unzip**. Do not change the unzip location or the service pack will not install successfully.

The service pack installs automatically. No more steps are necessary. The following is an example of the display:

```
Installing Voyager Patch

Running 00_patch_voyager_precheck.ksh

Running 05_patch_voyager_stop.ksh
CHECKING FOR WINDOWS 2003 SERVER.....OK
CHECKING FOR VOYAGER 2008.2.0 OR HIGHER.....OK
Stopping Apache.....OK
Stopping Voyager.....OK
Running 07_patch_voyager_check.ksh

Running 09_patch_voyager_ncenv.ksh

Running 15_patch_voyager_finddb.ksh
Generating voyconfig.ini
...

Upgrading db.....
Running 70_patch_voyager_extensions_upgrade.ksh

Running 95_patch_voyager_start.ksh
OK
Upgrade of <db> was successful
    Upgrade started at: Tue Feb  7 10:43:25 CST 2012
    Upgrade ended at:   Tue Feb  7 10:44:53 CST 2012
Upgrading Extensions.....OK
```

- For UNIX:

The following is displayed:

```
Welcome to the Patch

Press q to Continue

Finding Databases please wait...

1): [X] exlibrisdb
2): [X] traindb
```

- 6 Enter the number of the database to which you want to apply the service pack or enter `A` to select all of the databases.
- 7 Enter `C` to begin installing the service pack.
- 8 Enter `Q` to continue. The following is displayed before the installation begins.

```
This Patch (...) will directly affect the following  
databases:
```

```
    traindb  
    exlibrisdb
```

```
It will indirectly affect any other databases sharing patched  
files
```

```
Press Enter to Apply this patch or CTRL+C to exit
```

- 9 Press ENTER to begin the installation. The utility reports when various stages of the installation are implemented. For example:

```
Extracting Patch... this may take some time... done

Executing spp...
    Saved Permissions to ../logs/Pre_Patch_Permissions
Processing ...
    Installing ...

Executing Upgrade...

Starting SQL Patch for traindb, additional logs are in /m1/
incoming/v820/voy822_Files/logs/UPGRADE/
traindb/upgrade/ ...

!!! Upgrade Complete !!!
Thu Dec 7 20:42:04 CST 2006

Starting SQL Patch for exlibrisdb, additional logs are in /m1/
incoming/v820/voy822_Files/logs/UPGRADE/exlibrisdb/upgrade/
...

!!! Upgrade Complete !!!
Thu Dec 7 20:42:04 CST 2006

Executing ...

Executing spp...
    Restoring permissions...
    Restored

Please check all log files in /m1/incoming/v820/voy822_Files/
logs
The patch is not complete until you have examined all the
logs!
```

- 10 Run the `run_as_root.ksh` script:

- a Log on to the server as the appropriate user.
 - For UNIX:

```
su - root
```

- For Windows:

Log on to your Voyager server as the `voyager` user using a Remote Desktop Connection or VNC viewer. To open a Remote Desktop Connection, click **Start > Run > mstsc**.

b On the Voyager Server, open a ksh Window for command line. Click **Start > Run > MKS Toolkit > KornShell**.

c Change Directory to the Service Pack Tools Directory:

■ For Unix:

```
cd /m1/incoming/v820/voy822_Files/TOOLS
```

■ For Windows:

```
cd D:/m1/incoming/v820/voy821_Files/TOOLS
```

d Run the `run_as_root.ksh` script:

```
./run_as_root.ksh
```

e Resolve any errors from running the script.

```
Checking /m1/
utility.....OK
Checking util
source.....OK
Archive /m1/utility/
util.....OK
Making archive
dir.....OK
Renaming archive
util.....OK
Copy util into /m1/
utility.....OK
Setting permissions on
util.....OK
Copy monitor job into
place.....OK
Setting permissions on
monitor.....OK
Copy Pmonjob job into
place.....OK
Setting permissions on
Pmonjob.....OK
```


3

Running the Voyager Regens

NOTE:

If you are upgrading from Voyager 8.2.1 and previously ran the regens associated with that service pack, you do not need to run the regens for the 8.2.2 service pack. If you have not yet run the regens associated with the Voyager 8.2.1 service pack, you are recommended to do at this time.

The Voyager 8.2.2 service pack includes all fixes as listed in the release notes on the Documentation Center (under Home > Documentation Center > Ex Libris Documentation Center > Voyager > Upgrade Release Planning > 8.2.2) as well as the following fixes:

For Issues 16384-20801, a headings regen is required to correct any affected records.

While the regens are running, bibliographic (bib) and authority (auth) records are in read-only mode; therefore, bib and auth records cannot be created/updated in the Cataloging, Circulation, or Acquisitions modules. Library staff responsible for circulation is able to circulate items, since item records are not affected. The regens can take between 1-6 hours to complete, depending on the number of headings you have in your database.

To obtain the regens necessary you can:

- Schedule the regens with Voyager Support. Provide two or three possible dates on which the regens can be run. Voyager Support is available to run the regens most days between 7AM-3PM Central Time.
- If you are 500 certified, you can request the regen documentation associated with this patch and run the regens yourself.

4

Post-Installation Procedures

This section describes the post-installation procedures after installing the Voyager service pack.

Perform the following steps after installing the Voyager service pack:

1 Restart Voyager:

- For UNIX:

```
su -  
/etc/init.d/voyager start
```

- For Windows:

```
cd C:/etc/init.d/  
./VOYAGER.KSH start
```

2 Restart the Web server:

- For UNIX:

```
su -  
/etc/init.d/httpd2 start
```

- For Windows:

```
cd C:/etc/init.d/  
./HTTPD.KSH start
```

The log files are stored in the `/m1/incoming/v820/voy822_Files/logs/` directory. To view the log files, enter the following:

- For UNIX:

```
more /m1/incoming/v820/voy822_Files/logs/PatchLog.voy822
```

- For Windows:

```
more D:/incoming/v822pach/patch_voyger.log
```

Archived Customized files are stored in the following directory:

- For UNIX: `voy822_Files/Backup/xxxdb/<db>`
- For Windows: `v822patch/Backup/<db>`

Backed-up files are stored in the following directory:

- For UNIX: `/m1/incoming/v820/voy822_Files`
- For Windows: `D:/incoming/v822pach`

These files are needed in case of a restore. If you want to delete them to free space on the disk, enter the following:

```
rm -rf Backup
```