Service Pack Installation Guide

Version 9.2.1

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Updates to This Guide

This guide includes the following changes:

- Updated version references throughout the guide

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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 9.2.0

Downtime

- Time – Approximately 15-30 minutes per database. For consortiums the installation takes longer, depending on the number of databases involved.
- 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

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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 10
- **Installing the Voyager Service Pack** on page 11

Downloading the Voyager Service Pack

Perform the following steps to download the Voyager service pack.

To download the Voyager service pack:

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

- For UNIX:

```
su - voyager
```

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
```

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
```

4. Stop Voyager.
   - For UNIX:

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

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

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


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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 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/v920/voy921_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/v920/voy921_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/v920/voy921_Files/
logs
The patch is not complete until you have examined all the
logs!
```

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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
```

2. Restart the Web server:
   - For UNIX:

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

The log files are stored in the `/m1/incoming/v920/voy921_Files/logs/` directory. To view the log files, enter the following:

- For UNIX:

```
more /m1/incoming/v920/voy921_Files/logs/PatchLog.voy921
```

Archived Customized files are stored in the following directory:

- For UNIX: `voy921_Files/Backup/xxxdb/<db>`

Backed-up files are stored in the following directory:

- For UNIX: `/m1/incoming/v920/voy921_Files`

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
```


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