

## Ex Libris Rosetta 8.1 Service Pack Software Installation Guide

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**Ex Libris Rosetta 8.1 Service Pack Software**

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## Product Information

### Specifications

- **Rosetta Version:** 8.1
- **Operating Systems:** Red Hat 7, Red Hat 8
- **Oracle Database Versions:** 12.1, 19

### Product Usage Instructions

#### Rosetta Service Packs and the Service Pack Utility (util\_sp)

- A Rosetta Service Pack is an update that includes bug fixes, improvements, and new features since the last version. It is delivered through the Service Pack Utility (util\_sp).

#### Duration

- A typical version upgrade takes up to 30 minutes. Actual duration varies based on servers, network performance, repository size, etc. It is recommended to upgrade servers sequentially.

#### Prerequisites

- Before installing version 8.1, ensure the Rosetta version is 8.0 or later, servers run Red Hat 7 or 8, and the Oracle database is version 12.1 or 19.

### Release Notes

- Release notes are available on the Ex Libris Knowledge Center in an Excel file named “Rosetta Release Notes.xls” with important information about the service pack.

## **FAQ**

### **Q: How long does a typical version upgrade take?**

**A:** A typical upgrade takes up to 30 minutes but can vary based on various factors.

### **Q: What are the prerequisites for installing Rosetta 8.1?**

**A:** Ensure your Rosetta version is 8.0 or later, servers are running Red Hat 7 or 8, and the Oracle database version is 12.1 or 19.

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- **Document released:** February 2024
- **Web address:** <http://www.exlibrisgroup.com>

## Rosetta Service Packs and the Service Pack Utility util\_sp

- A Rosetta Service Pack is an update that includes all changes made since the last Rosetta version was made available.
- It includes bug fixes, improvements, and new features, and it is a combination of many individual changes, thoroughly tested and delivered in a coordinated way.
- The package is delivered through the Service Pack Utility (util\_sp).

### To use util\_sp, log in to the Rosetta application server as the DPS user and run:

- >> dps\_util
- >> util sp
- The Service Pack installation procedure as described in this document is for Rosetta 8.1.
- Known issues affecting this release will be posted to the Customer Knowledge Center. Customers are advised to consult relevant articles before upgrading.
- It is highly recommended to read through this entire document before upgrading your system.
- Part 2 of this document provides end-to-end instructions for the Rosetta SP installation procedure. Part 3 explains when and how to update your third-party component package.
- Part 4 describes how to configure your util\_sp (this is typically done during the implementation phase).

## Duration

- A typical version upgrade will take up to 30 minutes. Actual duration varies from environment to environment, based on many servers, network performance, the size of your repository, and other factors.
- Rosetta servers can be upgraded in parallel. However, it is highly recommended to complete the upgrade for one server first before upgrading the other servers in parallel.
- This means that a typical multi-server environment upgrade should take under an hour.
- **Note:** The update of the database is performed by the SP install done on the first server. The subsequent servers only make sure that the database is updated without re-updating it.

## Prerequisites

- Each Rosetta version has prerequisites that must be completed before an upgrade procedure process can begin.
- The following list must be complied with before installing 8.1.
- The Rosetta version must be 8.0 or later.
- The Rosetta servers must run one of the following Operating Systems:
  - Red Hat 7
  - Red Hat 8
- The Oracle database must run one of the following Oracle versions:
  - 12.1
  - 19

## Release Notes

- The Rosetta release notes are published on the Ex Libris Knowledge Center as an Excel spreadsheet.

### The naming convention of the Excel files is as follows:

- Rosetta <version number> Release Notes.xls.

### This document includes four sheets, as follows:

- The first sheet is an introduction to the current service pack. It contains the version number and other instructions if relevant.
- The second sheet, Announcements, contains important information about the latest and/or upcoming Rosetta versions.
- The third sheet, Improvements, lists new features and enhancements provided in this version.
- The fourth sheet, Defect Fixes, contains change descriptions and implementation notes of the defects that are part of the current service pack.
- Each change includes brief release notes that explain what has been changed, or, where necessary, what manual changes should be applied after the upgrade is complete.
- Where applicable, the Rosetta user guides (and online help) have been updated to provide more comprehensive information. Please also note any references to KCS articles that provide additional relevant information.

## Upgrading Rosetta util sp 2

- The Rosetta upgrade process includes all necessary steps to make sure your system is up to date and compliant with all Rosetta prerequisites.
- **Note:** Operating system packages are checked but not updated by Ex Libris. If util\_sp indicates such an update is required, advise your system administrator before proceeding with the upgrade.
- Before running this step, run dps\_stop to stop Rosetta and then shut down Apache on the PDS server.
- **After upgrading, restart in reverse order:** Start Apache on the PDS server, then run dps\_start on all

application servers.

- The Oracle database should NOT be shut down.
- Before upgrading Rosetta, util\_sp will automatically check for and install updates for third-party components used by Rosetta. This includes util\_sp itself.
- **Note:** More information on third-party components and their respective versions can be obtained by running the ver\_full command.
- Once all third-party components have been updated, util\_sp will present a list of available Rosetta versions to install.
- **Note:** This list may include versions that are not relevant to your environment. It is advised to determine in advance which version you plan to install.
- If you have any questions regarding which versions are advisable to install, please contact Rosetta Support.
- Please also refer to the list of prerequisites in Part 1 of this document.
- The list of Rosetta version naming conventions is Rosetta-[major].[minor]-ServicePack-[sp]. In the example output below, Rosetta-4.0-ServicePack-1 means version 4.0.1.

```
The following Service Packs are available:  
1. Rosetta-4.0-ServicePack-0  
2. Rosetta-4.0-ServicePack-1  
3. Rosetta-4.2-ServicePack-0
```

- Rosetta will download the selected version. At the end of the download process, the system will send you a message reporting on the success or failure of the process.
- If you have already downloaded the Service Pack on one of the servers in your cluster to a shared location, sp\_util will indicate this.

```
The following Service Packs are available:  
1. Rosetta-4.2-ServicePack-0      DOWNLOADED  
2. Rosetta-4.0-ServicePack-0  
3. Rosetta-4.0-ServicePack-1  
4. Rosetta-4.2-ServicePack-0
```

- Select the downloaded package on your other servers to avoid unnecessary downloading.
- Rosetta will then prompt you to install the service pack or to quit, in case you do not wish to proceed with the installation at this stage.
- If you choose to quit, the downloaded package will be listed among the available versions the next time you run util sp 2.
- **Note:** When installing multiple Rosetta service packs (for example, upgrading directly from v. 7.0 to 8.1, via 7.4), you must restart Rosetta after each service pack installation for several one-time scripts to run properly.

### Rolling Back a Rosetta Service Pack (util sp 5)

- This step rolls back Rosetta to the previously installed version.
- **Note:** Third-party components are not rolled back. In the event this is necessary, please contact Rosetta Support.
- Before running this step, run dps\_stop to stop Rosetta and then shut down Apache on the PDS server.
- **After upgrading, restart in reverse order:** Start Apache on the PDS server, then run dps\_start on all application servers. The Oracle database should NOT be shut down.

### Updating Third-Party Components util sp 3

- Updating third-party components without updating Rosetta may be desirable when Ex Libris provides an updated package between Rosetta releases. This typically occurs when there is a security need or a vendor has released an important patch.
- If you are upgrading Rosetta, third-party components will be updated automatically and there is no need to run this step.
- Before running this step, run `dps_stop` to stop Rosetta and then shut down Apache on the PDS server. After upgrading, restart in reverse order: Start Apache on the PDS server, then run `dps_start` on all application servers.
- The Oracle database should NOT be shut down.

## Configuring the Service Pack Installation Utility util sp 1

- Through the util sp menus, you can configure parameters to download the latest available service pack, check the download, and receive an automatic e-mail confirmation after the download and installation are completed.

Run util sp 1 to enter the util\_sp configuration:

```
SP.1.  Environment Setting
-----
0.  Exit Procedure
1.  Customer details
2.  FTP settings
3.  SP Download directory
4.  View Parameters

Please select [exit]:
```

### Customer Details (util sp 1.1)

- This step configures and updates the following parameters used in later steps.
- You are asked to enter values or confirm the default ones. Make sure to receive in advance the relevant information from Ex Libris.
- Your Ex Libris customer code
- Your email address
- Language
- These parameters are saved in case you want to use util\_sp again at a later date.

```
SP Customer details
-----
Enter new values or press <Enter> to keep existing

Ex Libris customer code (country code + customer) [972DAN]:
```

```

Customer mail address for download status notifications (leave empty for none)
[Danny.Perlman@exlibrisgroup.com]

If you want to change the language please type it now [english]:
(This is an option for future usage)

Configuration summary:
-----
Language:                english
Customer code:           972DAN
Notification address:     Danny.Perlman@exlibrisgroup.com

Press <Enter> to continue Press

```

## FTP Settings (util sp 1.2)

- Select the FTP server for SP download.

```

SP FTP settings
-----
Enter new values or press <Enter> to keep existing

Select FTP server number for SP download:

1) Europe                downloads-eu.hosted.exlibrisgroup.com
2) USA/Asia Pacific      downloads-na.hosted.exlibrisgroup.com
3) Asia                  downloads-ap.hosted.exlibrisgroup.com
4) Canada                downloads-ca.hosted.exlibrisgroup.com
5) China                 downloads-cn.hosted.exlibrisgroup.com
<Enter> to keep current (downloads-eu.hosted.exlibrisgroup.com)

FTP user for SP download [rosetta_sp@customers.gl]:

FTP special options [passive]:
*** for firewall connection problems try 'passive'
For details check the utility documentation

Configuration summary:
-----
FTP server:              downloads-eu.hosted.exlibrisgroup.com
FTP user:                rosetta_sp@customers.gl
FTP options:             passive

Press <Enter> to continue

```

## SP Download Directory (util sp 1.3)

- Enter the path for the SP download. Set this to the shared location
- \$op\_dir/service\_pack/download so all servers can use the same download package. Use this even if you are running Rosetta on only one server at this time.

## View Parameters (util sp 1.4)

- You may view your defined settings.



#### Configuration summary:

```
-----
FTP server:                downloads-eu.hosted.exlibrisgroup.com
FTP user:                  rosetta_sp@customers.gl
FTP options:               passive
Language:                  english
Service                    pack                        download      dir:
/exlibris/dps/d4_1/profile/operational_shared/service_pack/download
Customer code:             972EXL
Notification address:      nir.kashi@exlibrisgroup.com

Press <Enter> to continue
```

## Documents / Resources







Rosetta 8.1 Service Pack  
Installation Guide



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Rosetta 8.1 Service Pack Software, Software

## References

-  [Clarivate MFT](#)
-  [Clarivate MFT](#)
-  [Clarivate MFT](#)
-  [Clarivate MFT](#)
- [User Manual](#)

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