Preview Server

Version 9.0.0

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Updates to This Guide

This guide includes the following changes:

- Updated references for Voyager 9.0 throughout the guide
- Replaced 98XX references with 99XX references throughout the guide

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Introduction

This section includes:

- **Local Client Preview Server** on page 7
- **Remote OPAC Preview Server** on page 8
- **Local OPAC Preview Server** on page 8

Preview Server is available for customers to view a preview of the new features of Voyager before upgrading to a new software release or version.

There are three types of Preview Server:

- **Local Client Preview Server**
- **Remote OPAC Preview Server**
- **Local OPAC Preview Server**

This document explains how to connect to these three options so that you can test the new features and prepare for your upgrade.

Local Client Preview Server

You can test the Voyager clients of the latest voyager release by downloading the clients from the documentation center. You are able to see all of the client feature updates and enhancements. If there is a client feature that depends on server side changes, those features are not enabled. This is to ensure that customers experience the functionality of the software without special customizations for any specific institution or workflow. Also, your changes might not remain in the Ex Libris environment for the duration of your testing. If at any point a refresh of the preview server is required, this refresh may be performed without notice.

Remote OPAC Preview Server

Using an environment that is setup and hosted by Ex Libris, you can connect your browser to an Ex Libris provided URL to preview the basic functionality of the OPAC. You cannot make any changes to the display of the OPAC and you cannot preview the OPAC's extensive feature set. With this option, you can see what changes have been made out-of-the-box for the new release. You can compare the new version of the OPAC with what is available in your installation using an unmodified skin.

Local OPAC Preview Server

If you are primarily interested in making customization changes to the OPAC in preparations for your Voyager upgrade, use the local OPAC Preview Server installation. The local preview server installation is the third component of preview server and allows you to test the OPAC in a local setting prior to the upgrade. This option gives you access to the XSL, CSS, and configuration files necessary to making changes to the look and feel of the OPAC. This feature can be valuable and reduce the stress of going through the Voyage upgrade process by making the necessary changes to the OPAC skins prior to your upgrade date. When you upgrade, you can then copy the skins from the preview server into your production environment. This feature can be particularly useful if you do not have a test server environment to receive the latest version prior to your production environment upgrade.

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Requirements

This section describes the system requirements for installing Preview Server.

This section includes:

- **Browser Requirements** on page **9**
- **System Requirements** on page **9**
- **Local Preview Server Requirements** on page **9**
- **Local OPAC Preview Server Requirements** on page **10**

Browser Requirements

For browser requirements to use the Remote OPAC Preview Server and the Local OPAC Preview Server, refer to the *Voyager Installation and Upgrade Requirements* document.

System Requirements

Refer to the *Voyager Installation and Upgrade Requirements* document for the minimum requirements for installing the Voyager clients on your PC.

If you already have Voyager clients on your local PC, be sure to install these clients in a different location – do not overwrite your current production clients.

Local Preview Server Requirements

The *Voyager Installation and Upgrade Requirements* document contains the packages necessary to run the local OPAC and Client Preview Servers. Ensure that your system has all of the system packages for your Voyager server's operating system and that all requirements have been met.

Local OPAC Preview Server Requirements

- Outbound access to `preview1.hosted.exlibrisgroup.com` and preview server port 9914 must be configured on the server.
- One (1) external port (by default 7098) is required for WebVoyáge and Skin Administration. Ensure that this port is available through your firewall. For information on changing the default port, see **Appendix A: Changing the Default Port for Preview Server** on page **27**.
- Root access is not required for this installation

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Installing the Local Client Preview Server

This section describes how to install the local client Preview Server.

To set up the local client Preview Server:

1. Download and install the clients from the Documentation Center. (For more information on how to download and install the Voyager clients, refer to the *Voyager Technical User's Guide*.)
2. Modify the `Voyager.ini` file located at `C:\PreviewVoyager` with the following information:

```
[Cataloging]
Server=preview1.hosted.exlibrisgroup.com
Port=9910
Timeout=60

[Acquisitions]
Server=preview1.hosted.exlibrisgroup.com
Port=9920
Timeout=60

[Circulation]
Server=preview1.hosted.exlibrisgroup.com
Port=9930
Timeout=60
ChargeTimeout=60

Reports]
Server=preview1.hosted.exlibrisgroup.com
Port=9940
Timeout=60

[SysAdmin]
Server=preview1.hosted.exlibrisgroup.com
Port=9950
Timeout=60

[CallSlip]
Server=preview1.hosted.exlibrisgroup.com
Port=9980
Timeout=60
```

```
[MediaScheduling]
Server=preview1.hosted.exlibrisgroup.com
Port=9985
Timeout=60

[GlobalDataChange]
Server=preview1.hosted.exlibrisgroup.com
Port=9915
Timeout=60000

[GlobalLog]
SingleLogin=Y
Encrypt=N
ServerSortList=Y
ASCIISortList=Y
ASCIISortColumn=Y

[SearchURI]
#Name=Barn&esNoble
#URI=http://search.barnesandnoble.com
#Copy=Y
#SearchSyntax=/booksearch/results.asp?WRD=<searchtext>
#Name=WebVoyage
#URI=http://preview1.hosted.exlibrisgroup.com/
#Copy=Y
#SearchSyntax=/vwebv/
search?searchArg=<searchtext>&searchCode=TALL&limitTo=none&re
cCount=10&searchType=0
#Name=Amazon
#URI=http://www.amazon.com
#ECopy=Y
#SearchSyntax=/exec/obidos/external-
search?keyword=<searchtext>&mode=blended
#Name=Worldcat
#URI=http://www.worldcat.org/
#Copy=Y
#SearchSyntax=search?&q=
#Name=Google
#URI=http://www.google.com/
#Copy=Y
#SearchSyntax=search?&q=

[MARC POSTing]
#Classic WebVoyage
#WebVoyage="http://preview1.hosted.exlibrisgroup.com/cgi-bin/
Pbibredirect.cgi"
#Tomcat WebVoyage
WebVoyage="http://preview1.hosted.exlibrisgroup.com/vwebv/
holdingsInfo"
#Classic WebVoyage
#LinkResolver="http://preview1.hosted.exlibrisgroup.com/cgi-
bin/Phttplinkresolver.cgi"
```

```
#Tomcat WebVoyage
LinkResolver="http://preview1.hosted.exlibrisgroup.com/vwebv/
linkResolver"
```

3 Run the clients by navigating to the directory where you installed them. (The default location is `C:\PreviewVoyager\`). Double-click the Voyager modules that you selected during installation.

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Remote OPAC Preview Server

This section describes how to run the remote OPAC Preview Server.

To run the OPAC Preview Server:

1 Enter the following URL into the browser address bar:

```
http://preview1.hosted.exlibrisgroup.com:9908
```

2 Enter the following username and password when you are prompted:

```
User: preview
Pass: (See See KCS Article 000005297 in SalesForce for password.)
```

3 If you want to log on as a patron, enter the following barcode and last name:

```
Barcode: 2692
Last Name: Hayes
```

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Local OPAC Preview Server

This section describes how to install, manage, and customize the local OPAC Preview Server.

This section includes:

- **Installing the Local OPAC Preview Server** on page **17**
- **Managing the Local OPAC Preview Server** on page **21**
- **Customizing the Local OPAC Preview Server** on page **23**
- **Stopping the Local OPAC Preview Server** on page **24**
- **Uninstalling the Local OPAC Preview Server** on page **24**

Installing the Local OPAC Preview Server

This section describes how to install the local OPAC Preview Server.

To install the local OPAC Preview Server:

1 Download the Preview Server package.

- For UNIX, log on to your voyager server as the `voyager` user:

```
mkdir -p /m1/incoming
cd /m1/incoming
ftp downloads.exlibrisgroup.com
  user: preview
  password:
cd VOY900/<OS>
bin
hash
get preview900_install
bye
```

NOTE:
Obtain the FTP password for Preview Server from the eService Knowledge Base #16384-11361.

For example:

```
/export/home/voyager $ mkdir -p /m1/incoming
/export/home/voyager $ cd /m1/incoming
/m1/incoming $ ftp downloads.exlibrisgroup.com
Connected to downloads.exlibrisgroup.com.
220-Unauthorized use is prohibited.
220-
220-All transactions are logged.
220-
220 downloads.exlibrisgroup.com FTP server (Version wu-
2.6.0(2) Fri Mar 10 08:47:43 CST 2000) ready.
Name (downloads.exlibrisgroup.com): preview
331 Password required for preview.
Password:

230 User preview logged in. Access restrictions apply.

ftp> cd VOY900/<OS>

ftp> bin
200 Type set to I.
ftp> hash
Hash mark printing on (8192 bytes/hash mark).
ftp> get preview900_install
200 PORT command successful.
......
ftp> bye
221-Thank you for using the FTP service on
downloads.exlibrisgroup.com.
221 Goodbye.
```

- For Windows, log on to your voyager server as the `voyager` user using a Remote Desktop Connection or VNC viewer.

NOTE:
To use Remote Desktop Connection, click **Start > Run > mstsc**.

For example:

```
Goto Start>Run>
Type cmd
d:
cd /incoming
ftp downloads.exlibrisgroup.com
  user: preview
  password:
cd VOY900/Windows_NT
bin
hash
get preview900_install.exe
bye
```

2 Install the Preview Server package.

- For UNIX:

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

```
cd /m1/incoming
chmod u+x preview900_install
./preview900_install
```

b Enter where you want to install the package.

c Enter where Voyager is located.

d Enter `Y` to begin the installation.

NOTE:
You can change the port from 7098 to a different port now. For information on changing the default port, see **Appendix A: Changing the Default Port for Preview Server** on page **27**.

For example:

```
####################
Welcome to the Voyager Preview Server Installer
####################

Where do you wish to install? [/m1/incoming]
Where is voyager located? [/m1/voyager]

Ready to install Preview Server for Voyager ? Y/N [Y]

Checking for required files.........OK
Checking install space..............OK
Creating Install Directory..........OK
Extracting files, please be patient..OK
Configuring Preview Directory........OK
Creating mock xxxdb skins...........OK
```

- For Windows

a. Log on to your server as the `voyager` user using Remote Desktop Connection or VNC.

b. Navigate to `D:/incoming`

c. Execute `preview900_install.exe`

For example:

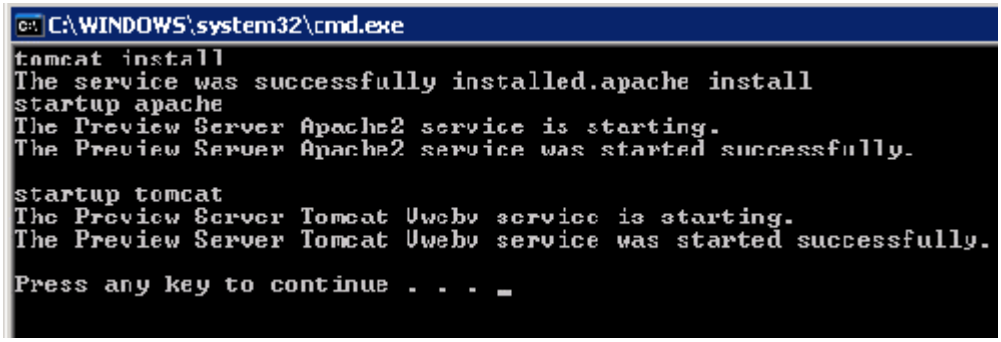

Figure 1: Preview Server Installation

NOTE:
After the local OPAC Preview Server is successfully installed using Windows, it starts automatically.

IMPORTANT:
If there are any errors, uninstall the local OPAC Preview Server and re-execute `preview900_install.exe`. For information on uninstalling the local OPAC Preview Server, see **Uninstalling the Local OPAC Preview Server** on page **24**.

Managing the Local OPAC Preview Server

This section describes how to manage the local OPAC Preview Server.

To manage the local OPAC Preview Server:

1 Start the Preview Server.

- For UNIX:

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

```
cd /m1/incoming/PREVOY900
./preview.ksh start
```

- For Windows:

a Log on to your server as the `voyager` user using Remote Desktop Connection or VNC.

b Navigate to `D:/incoming/PREVOY900`

c Execute `start.bat`

For example:

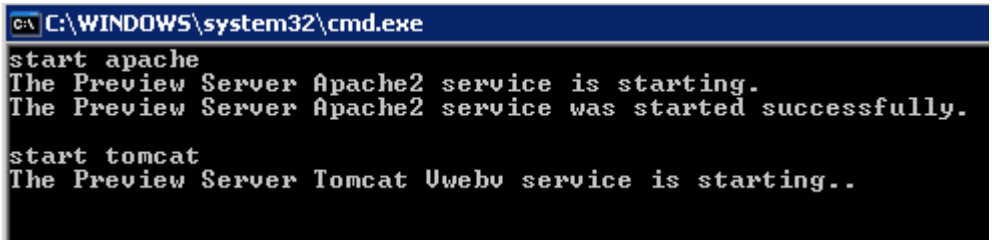

Figure 2: Starting the Local OPAC Preview Server

2 Test the Preview Server.

a Open a supported browser.

b Enter the following URL into the browser address bar:

```
http://<voyager server IP or fqdn>:7098/
```

3 Log on to the Administration area.

a Open a browser on your PC

b Enter the following URL into the browser address bar:

```
http://your.library.edu:7098/skins
```

c Enter the following user name and password:

```
User name: preview
Password: preview
```

The following is displayed:

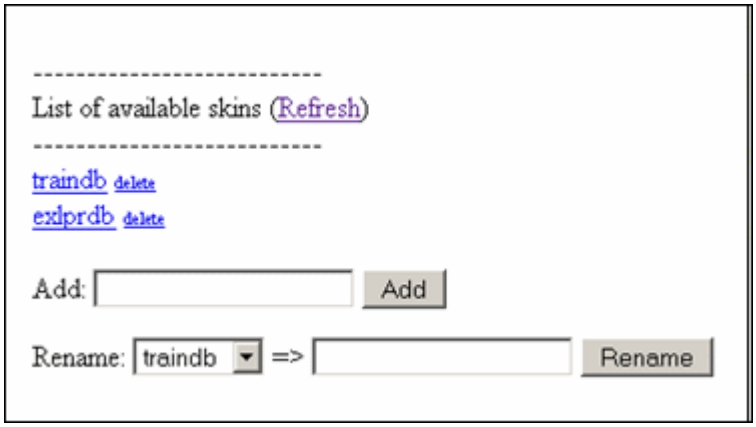

Figure 3: Skin Management

You can perform the following actions from this page:

Table 1. Skin Management

Action	Description
View Skins in the OPAC	Click the database to display the skin.
Delete Skins	Click **delete** next to the skin to be removed.
Add Skins	In the Add text box, enter the name of the additional skin, and click **Add**.
Rename Skins	Select an available skin from Rename drop-down list. Enter the new name for the skin in the text box, and click **Rename**.

Customizing the Local OPAC Preview Server

For instructions on how to customize the skins, see the *Voyager® 8.1.0 WebVoyáge Basic User's Guide* or the *Voyager® 8.1.0 WebVoyáge Architecture Overview and Configuration Models*.

IMPORTANT:
Do not make any changes to `exl_default`. This skin is not for customer use. Any customizations may be lost during upgrade.

To customize the Local OPAC Preview Server:

- For UNIX:
  a. Log on to your server as the `voyager` user.
  b. Change the directory to `ui` where the skins reside.

```
cd /m1/incoming/PREVOY900/tomcat/vwebv/context/vwebv/ui
```

  c. View your created skins:

```
ls
```

  For example:

```
exl_default traindb v900db
```

- For Windows
  a. Log on to your server as the `voyager` user using Remote Desktop Connection or VNC.
  b. Navigate to `D:\incoming\PREVOY900\tomcat\vwebv\context\vwebv\ui`

  A list of skins is displayed. For example:

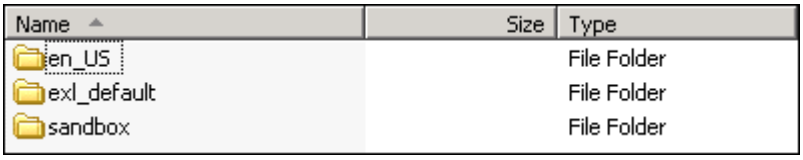

Figure 4: Skins

Stopping the Local OPAC Preview Server

This section describes how to stop the local OPAC Preview Server.

To stop the local OPAC Preview Server:

- For UNIX

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

```
cd /m1/incoming/PREVOY900/
./preview.ksh stop
```

  For example:

```
Stop tomcat...
Using CATALINA_BASE: /m1/incoming/PREVOY900/
  tomcat/vwebv
Using CATALINA_HOME: /m1/incoming/PREVOY900/
  tomcat/vwebv/catalina_home
Using CATALINA_TMPDIR: /m1/incoming/PREVOY900/
  tomcat/vwebv/temp
Using JAVA_HOME: /m1/incoming/PREVOY900/
  tomcat/vwebv/java
PLEASE WAIT...
Tomcat is stopping...
```

- For Windows:

  a. Log on to your server as the `voyager` user using Remote Desktop Connection or VNC.

  b. Navigate to `D:/incoming/PREVOY900`

  c. Execute `stop.bat`

  For example:

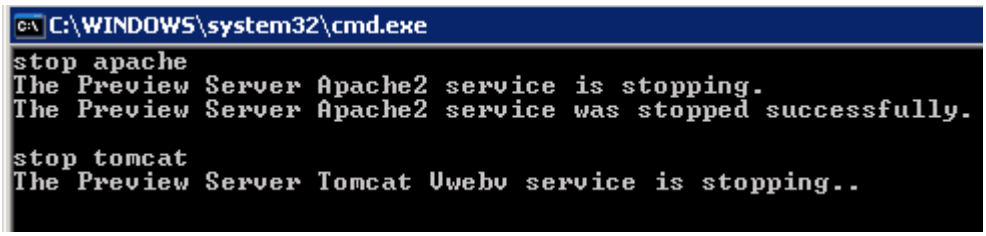

Figure 5: Stopping the Local OPAC Preview Server

Uninstalling the Local OPAC Preview Server

This section describes how to uninstall the local OPAC Preview Server.

- For UNIX:
  a. Stop the Preview Server. See **Stopping the Local OPAC Preview Server** on page **24**.
  b. Log on to your server as the `voyager` user

```
cd /m1/incoming
rm -rf PREVOY900
```

- For Windows
  a. Log on to your server as the `voyager` user using Remote Desktop Connection or VNC.
  b. Navigate to `D:/incoming/PREVOY900`
  c. Execute `uinstall.bat`

  For example:

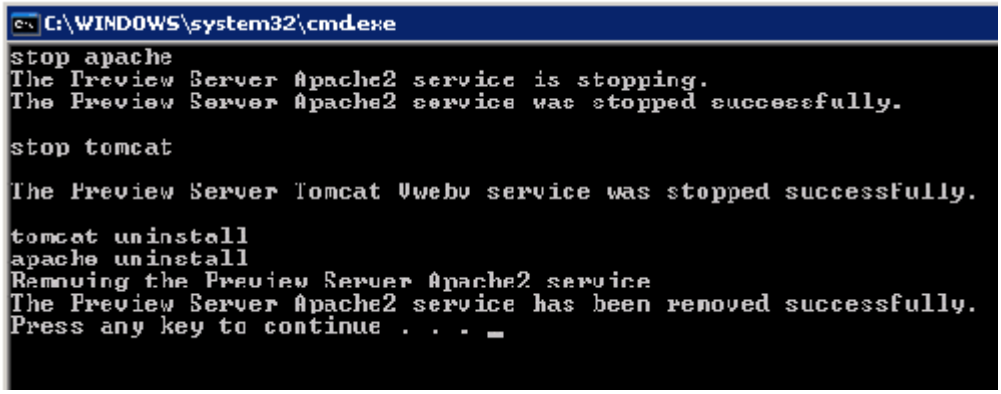

Figure 6: Uninstalling the Local OPAC Preview Server

  d. Navigate to `D:/incoming`
  e. Delete the `PREVOY900` directory.

A

Changing the Default Port for Preview Server

This appendix describes how to change the default port for Preview Server.

To change the default port for Preview Server:

- For UNIX
  - a Log on to your server as the `voyager` user:

```
cd /m1/incoming/PREVOY900
./preview.ksh stop
cd apache2/conf/ActivatedVirtualHosts
vi PREVOY_vwebv_httpd.conf
```

  - b Change `7098` to `<New Port>`:

```
Listen 7098
<VirtualHost *:7098>
```

  - c Start Preview Server:

```
cd /m1/incoming/PREVOY900
./preview.ksh start
```

- For Windows
  - a Log on to your server as the `voyager` user using RDP or VNC.
  - b Navigate to `D:\incoming\PREVOY900\`
  - c Execute `stop.bat`
  - d Navigate to `D:\incoming\PREVOY900\Apache2\conf`
  - e Edit `PREVOY.httpd.conf` with a Windows text editor.
  - f Change `7098` to `<New Port>`:

```
Listen 7098
<VirtualHost *:7098>
```

g Navigate to `D:\incoming\PREVOY900\`

h Execute `start.bat`