

Upgrading Voyager and also have Primo?

- **Product:** Voyager
- **Product Version:** All
- **Relevant for Installation Type:** Dedicated-Direct; Direct; Local;

Question

We are upgrading our Voyager installation soon and we also have Primo. What should I do to ensure the upgrade doesn't impact interoperability?

Answer

Review key areas in Voyager that impact Primo interoperability. Below are areas to check, a brief description of what happens to each during upgrade, and steps you can take (where xxxdb is the Voyager Database Instance):

1. `/m1/voyager/xxxdb/ini/PrimoExp-*.ini`
 - *Replaced on upgrade* to ensure new features and fixes included
 - Files are used to define parameters for extracts.
 - **Files from previous version** under `/m1/upgrade/<new version>/pre<new version>/voyager/xxxdb/ini` -- get the previous configuration settings from these files and apply them to your new upgraded files
 - a. Note particularly any customized enrichment tags and other special extract options.
 - b. Update your new files with any differences from the pre-upgrade files.
2. `/m1/voyager/xxxdb/tomcat/vxws/ini/PrimoExp.ini`
 - RTA and other vxws requests use this file
 - Enrichment tags in this file *must match* those used in your extract .ini files
 - See #1 -- this file is also *replaced on upgrade* and must be updated post-upgrade with any customizations.
3. Post-upgrade, check `/m1/voyager/xxxdb/tomcat/conf/server.xml` to make sure that Primo connections are allowed. An incorrect setting in this file will cause Real Time Availability (RTA) and OPAC via Primo (OvP) in Primo to behave incorrectly. **In some cases, the upgrade process can overwrite customizations to this setting, so it is important to check.**
 - a. Look in the vxws section of this file for an entry that contains `org.apache.catalina.valves.RemoteAddrValve`.
 - b. Make sure that any comment tags surrounding this line ("`<!--`" and "`-->`") are removed.
 - c. The "allow=" property should be set to allow connections from other servers. In Voyager 8.1.0 and higher, this entry should look like this:

```
<Valve className="org.apache.catalina.valves.RemoteAddrValve" allow="127\.d+\.d+\.d+|::1|0:0:0:0:0:0:1|.*"/>
```

Note: This will allow access to the vxws service from anywhere. If you need a more restrictive setting, please contact Voyager support for assistance.

For more information about how to configure this property, see: [How to limit external access to the vxws web services](#)

4. Post-upgrade, give attention to your *extract logs*. Review the logs daily (`/m1/voyager/xxxdb/primo/Publishing/logs`) and report any issues to Support right away.
5. `/m1/voyager/xxxdb/tomcat/vxws/context/vxws/ui/eng/vxws.properties`
 - Used by vxws to respond to Primo API calls (OvP)
 - a. *This file is not replaced on upgrade.*
 - b. Replace this file with a copy of new version (from `exl_default`) post-upgrade
 - c. Apply any customizations made to your old file to the new version of the file.
6. If this is a server move, check firewall settings.

Additional Information

During the Voyager upgrade, connections to WebVoyage and Real Time Availability (RTA) from Primo will not be available.

NOTE: TotalCare Primo does not include Voyager configuration. You are responsible for that.

If you are a Primo TotalCare customer, you will still need to review these areas and update these files on the Voyager side when you upgrade Voyager.

This is a really good time to review the [Voyager Primo Integration User's Guide](#).

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- **Article last edited:** 06-Sep-2019