

BlackPearl Eon Browser

Release Notes



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Part Number

90990127 Revision C

Revision History

Revision	Date	Description
A	February 2017	Initial release.
В	February 2018	Updated for the Eon Browser 2.1.6 release.
С	November 2018	Updated for the Eon Browser 5.0.7 release.

Note:

To make sure you have the release notes for the most current version of the Eon Browser, log into the Spectra Logic Technical Support portal at support.spectralogic.com.

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ABOUT THIS GUIDE

These release notes give you the latest information available about the BlackPearl® Eon Browser.

RELATED PUBLICATIONS

For more detailed information about the components of the solution, see the following resources:

- For additional information about the Spectra BlackPearl Deep Storage gateway, see the Spectra BlackPearl Deep Storage Gateway User Guide.
- For additional information on the Eon Browser see the BlackPearl Eon Browser User Guide.

USER FEEDBACK

Contact us at (800) 833-1132 to give us suggestions or feedback on our products and documentation.

Typographical Conventions

This guide uses the following conventions to highlight important information:



Read text marked by the "Warning" icon for information you must know to avoid personal injury.



Caution

Read text marked by the "Caution" icon for information you must know to avoid damaging the gateway, the disk drives, or losing data.



Important Read text marked by the "Important" icon for information that helps you complete a procedure or avoid extra steps.

> Note: Read text marked by "Note" for additional information or suggestions about the current topic.

BlackPearl Eon Browser Updates

This section provides instructions to update your BlackPearl Eon Browser as well as an overview of the features and changes for each released version.

Topic	
Requirements	page 11
Updating the Software	page 12
Package History	page 12

REQUIREMENTS

The BlackPearl Eon Browser has the following requirements:

• The host computer where the BlackPearl Eon Browser resides must use one of the 64-bit operating systems listed below:

Operating System	Version
Windows	 Windows 10 Windows 8 Windows 7 SP1 Windows Server 2008 R2 SP1 Windows Server 2012 and 2012 R2
Mac OS X	■ Mac OS X 10.9, or later
Linux	Ubuntu Linux 16.xFedora 25

- You can create a build of the Eon Browser for your Linux distribution and version by following the instructions found at: https://github.com/SpectraLogic/ds3_java_browser/blob/master/BUILD.md
- The host operating system must have Java Runtime Environment version 8u-1.8, or later, installed.
- The BlackPearl system must be running BlackPearl 3.2.2, or later.
- Files stored as objects on a BlackPearl system must follow the Amazon S3 naming guidelines. See http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingMetadata.html for more information.

- Files stored on the BlackPearl system cannot use the semi-colon character (;).
- Files stored on tape media must follow LTFS naming restrictions:
 - The colon character (:) is not allowed in LTFS file names and therefore not allowed in BlackPearl object names. The slash character (/) is also technically not allowed in LTFS file names; however, the BlackPearl software can accommodate a slash in the object name and translates it as a directory in the LTFS file system (e.g. directory1/directory2/video1.mov).
 - Directory names have a limit of 255 characters.
 - File names have a variable character limit. If you are using English ASCII characters, the limit is 1024 characters. If you are using a graphical language, such as Japanese, the limit is 512 characters.
 - Spectra Logic does not recommend the following characters in LTFS file names or BlackPearl object names for reasons of crossplatform compatibility: control characters such as carriage return (CR) and line feed (LF), double quotation mark ("), asterisk (*), question mark (?), less than sign (<), greater than sign (>), backslash (\), forward slash (/) vertical line (|).

UPDATING THE SOFTWARE

New versions of the Eon Browser can be installed without uninstalling the previous version. Make sure the Eon Browser is closed and install the new software using the instructions in the *BlackPearl Eon Browser User Guide*.

PACKAGE HISTORY

The following sections list the released and Beta versions of the Eon Browser and provide information about new features, resolved issues, and known issues.

Eon Browser 5.0.7

Enhancements:

- The Eon Browser is now compatible with BlackPearl version 5.0.
- The Eon browser now supports versioning.
- Improvements to the Eon browser user interface including improved error messages and improved information for file physical placement and properties.

Resolved Issues

Issue	Resolution
When there is no session in the BlackPearl pane of the Eon browser, the plus tab (+) does not allow the creation of a new session.	This issue no longer occurs.
The file size for small files incorrectly displays as "NN.00".	Small files now correctly display a size of "NN".
When the Eon browser is installed on a host machine with multiple monitors, dialog boxes may incorrectly display on the secondary montior(s).	Eon browser dialog boxes now always correctly display on the primary monitor.
The Name column on the local host pane incorrectly sorts by case.	The Name column is no longer case-sensitive.

Known Issues

Issue	Workaround
When the Eon browser is installed on a host machine running MacOS High Sierra with multiple monitors, if the session window is open on a different monitor than the main browser window, clicking a button on the session window causes the window to jump to the monitor displaying the main browser window.	None.
When the Eon browser is installed on a host machine running MacOS Mojave, the browser crashes shortly after launching the browser.	Add the Eon browser to the Accessibility Panel using the following instructions. 1. Browse to System Preferences … Security and Privacy … Privacy … Accessibility … Unlock Pane. 2. Drag Eon Browser to the Accessibility Panel.

Eon Browser 2.1.6

Enhancements

The new release of the EON Browser increases the reliability of GET and PUT jobs and provides improved error handling and error messages. It also provides a new user interface that is more intuitive and adds support for HTTPS/SSL.

Resolved Issues

Issue	Resolution
The Date Modified column on the BlackPearl pane of the EON Browser incorrectly displays the creation timestamp of the file or folder.	The Date Modified column now displays the timestamp of the last time the file or folder was modified.
The pop-up menu displayed after right-clicking a file incorrectly provides an option to create a new folder.	The right-click pop-up menu for a file no longer provides the option to create a new folder.
The Apple OS version of the EON Browser does not transfer data to a configured BlackPearl system.	The Apple OS version of the EON Browser correctly transfers data to a configured BlackPearl system.
When a directory in a bucket on a BlackPearl system contains a large number of files, the row at the bottom of the list displays the name "Click to Add More", and the size "NaN Bytes".	This issue no longer occurs.

Eon Browser 2.0.45

Enhancements

This release improves the user interface, error messages, and logs. It also adds the new features listed in the table below.

Feature	Description
Archive file properties	When Archive and Restore File Properties is enabled, the Eon Browser copies these file properties to the BlackPearl gateway along with the file itself. When you restore the file from the gateway, the file properties are also restored at the same time. This allows you to maintain the original file metadata information. See the <i>BlackPearl Eon Browser User Guide</i> for more information.

Resolved Issues

Issue	Resolution
When a file is transferred from a BlackPearl gateway to a local host, the file flags are not restored.	File flags are now restored with the file. The Archive flag is added and set to true.
The .dsbrowser folder is deleted on upgrade.	The .dsbrowser folder is only deleted if the Eon Browser software is uninstalled.
Files in the search pane cannot be deleted.	Users can select one or more files in the search results and choose delete files.
The Eon Browser attempts to restore files when there is not enough room on the host.	The Eon Browser now returns an error message if a request is made to restore files when there is not enough space on the host.
It is possible to delete a bucket that is not empty.	You must delete all files in a bucket before deleting the bucket.
Users must bypass security install to install the software on a system with Mac OS.	The install now includes a Mac security certificate.

Eon Browser 2.0.17

Initial Beta Release under the name Deep Storage Browser.