



# **OpenIG Release Notes**

Version 2.1.0

Mark Craig

ForgeRock AS  
33 New Montgomery St.,  
Suite 1500  
San Francisco, CA 94105, USA  
+1 415-523-0772  
[www.forgerock.com](http://www.forgerock.com)

---

Copyright © 2012-2014 ForgeRock AS

## Abstract

Notes covering OpenIG prerequisites, fixes, known issues. OpenIG provides a high-performance reverse proxy server with specialized session management and credential replay functionality.



This work is licensed under the [Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Unported License](http://creativecommons.org/licenses/by-nc-nd/3.0/).

To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc-nd/3.0/> or send a letter to Creative Commons, 444 Castro Street, Suite 900, Mountain View, California, 94041, USA.

ForgeRock™ is the trademark of ForgeRock Inc. or its subsidiaries in the U.S. and in other countries. Trademarks are the property of their respective owners.

UNLESS OTHERWISE MUTUALLY AGREED BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

DejaVu Fonts

Bitstream Vera Fonts Copyright

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of Gnome, the Gnome Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the Gnome Foundation or Bitstream Inc., respectively. For further information, contact: [fonts at gnome dot org](mailto:fonts at gnome dot org).

Arev Fonts Copyright

Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the modifications to the Bitstream Vera Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Tavmjong Bah" or the word "Arev".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Tavmjong Bah Arev" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL TAVMJONG BAH BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the name of Tavmjong Bah shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from Tavmjong Bah. For further information, contact: [tavmjong @ free . fr](mailto:tavmjong @ free . fr).

---

---

# Table of Contents

1. What's New in OpenIG .....	1
2. Before You Install .....	3
2.1. Which OpenIG to Use .....	3
2.2. JDK Version .....	3
2.3. Web Application Container .....	3
3. Changes & Deprecated Functionality .....	5
3.1. Major Changes to Existing Functionality .....	5
3.2. Deprecated Functionality .....	5
3.3. Removed Functionality .....	6
4. Fixes, Limitations, & Known Issues .....	7
4.1. Fixes .....	7
4.2. Limitations .....	7
4.3. Known Issues .....	7
5. How to Report Problems & Provide Feedback .....	9
6. Support .....	11



---

## **Chapter 1**

# What's New in OpenIG

OpenIG 2.1.0 is a patch release. It does not introduce new features.



---

## Chapter 2

# Before You Install

This chapter covers software and hardware prerequisites for installing and running OpenIG software. If you have a special request to support a component or combination not listed here, contact ForgeRock at [info@forgerock.com](mailto:info@forgerock.com).

### 2.1 Which OpenIG to Use

There are two versions of the Open Identity Gateway, OpenIG and OpenIG (Federation). The OpenIG Federation consists of OpenIG plus additional Federation libraries. Unless you require Federation capabilities, use core OpenIG.

### 2.2 JDK Version

Download and install [Sun Java SE JDK 6 Update 21](#) or later. At this time these are the only versions of any JDK supported with OpenIG.

### 2.3 Web Application Container

See the chapter on [Configuring Deployment Containers](#) in the *Guide to OpenIG* for details on setting up your web application container.





---

## Chapter 3

# Changes & Deprecated Functionality

This chapter covers both major changes to existing functionality, and also deprecated and removed functionality.

### 3.1 Major Changes to Existing Functionality

If you are running older versions of the Gateway you must modify your `config.json`.

"type" entries no longer require the full Java package name. The `config.json` should no longer contain any Java package names. For example, change lines such as the following:

```
"type" : "com.apexidentity.filter.Chain"
```

When you remove the full Java package name, the resulting line is as follows.

```
"type" : "Chain"
```

The "operationType" field in the "CryptoHeaderFilter" has been changed to "operation"

### 3.2 Deprecated Functionality

No functionality is deprecated in this release.

### **3.3 Removed Functionality**

No functionality has been removed from this release.

---

## Chapter 4

# Fixes, Limitations, & Known Issues

OpenIG issues are tracked at <https://bugster.forgerock.org/jira/browse/OPENIG>. This chapter covers the status of key issues and limitations at release 2.1.0.

### 4.1 Fixes

The following issues were fixed in release 2.1.0.

- [OPENIG-7](#): Configuration option to set the user's sessionId from the IDP in the OpenIG session
- [OPENIG-6](#): Missing relativePath in saas/pbworks module

### 4.2 Limitations

OpenIG Federation Gateway does not run on Glassfish V3 due to conflicts with the Metro libraries.

### 4.3 Known Issues

The following known issues remained open at the time release 2.1.0 became available.

- [OPENIG-1](#): Federation Gateway 2.0.0 HTTPS file upload fails
- [OPENIG-4](#): boundary stripped off of multipart/form-data on POST operation

- [OPENIG-8](#): OpenIG gateway removes Content-Length: 0
- [OPENIG-9](#): There is no way to set the user's authnLevel and authNContext from the assertion in the OpenIG session
- [OPENIG-10](#): No support for SP initiated single logout

---

## Chapter 5

# How to Report Problems & Provide Feedback

If you have questions regarding OpenIG which are not answered by the documentation, there is a mailing list which can be found at <https://lists.forgerock.org/mailman/listinfo/openig> where you are likely to find an answer.

If you have found issues or reproducible bugs within OpenIG, report them in <https://bugster.forgerock.org>.

When requesting help with a problem, include the following information:

- Description of the problem, including when the problem occurs and its impact on your operation
- Machine type, operating system version, web container and version, Java version, and OpenIG release version, including any patches or other software that might be affecting the problem
- Steps to reproduce the problem
- Any relevant access and error logs, stack traces, or core dumps



---

## Chapter 6

# Support

You can purchase OpenIG support subscriptions and training courses from ForgeRock and from consulting partners around the world and in your area. To contact ForgeRock, send mail to [info@forgerock.com](mailto:info@forgerock.com). To find a partner in your area, see <http://www.forgerock.com/partners.html>.

