



Red Hat JBoss Data Grid 6.3

6.3.2 Release Notes

Resolved issues for Red Hat JBoss Data Grid 6.3.2

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Abstract

The Red Hat JBoss Data Grid 6.3.2 Release Notes list and provide descriptions for a series of bugzilla bugs. The bugs highlights issues that are resolved issues for this release.

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CHAPTER 1. INTRODUCTION TO RED HAT JBOSS DATA GRID

Welcome to the Red Hat JBoss Data Grid 6.3.2. As you become familiar with the newest version of JBoss Data Grid, these Release Notes provide information about resolved issues. Use this document in conjunction with the entire JBoss Data Grid 6.3.x documentation suite, available at the Red Hat Customer Service Portal's [JBoss Data Grid documentation page](#).

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1.1. ABOUT RED HAT JBOSS DATA GRID

Red Hat's JBoss Data Grid is an open source, distributed, in-memory key/value data store built from the Infinispan open source software project. Whether deployed in client/server mode or embedded in a Java Virtual Machine, it is built to be elastic, high performance, highly available and to scale linearly.

JBoss Data Grid is accessible for both Java and Non-Java clients. Using JBoss Data Grid, data is distributed and replicated across a manageable cluster of nodes, optionally written to disk and easily accessible using the REST, Memcached and Hot Rod protocols, or directly in process through a traditional Java Map API.

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1.2. OVERVIEW

This document contains information about the new features and known issues of Red Hat JBoss Data Grid version 6.3.2. Customers are requested to read this documentation prior to installing this version.

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CHAPTER 2. SUPPORTED AND COMPONENT INFORMATION

2.1. SUPPORTED CONFIGURATIONS

For supported hardware and software configurations, see the Red Hat JBoss Data Grid Supported Configurations reference on the Customer Portal at <https://access.redhat.com/site/articles/115883>.

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2.2. COMPONENT VERSIONS

The full list of component versions used in Red Hat JBoss Data Grid is available at the Customer Portal at <https://access.redhat.com/site/articles/488833>.

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CHAPTER 3. RESOLVED ISSUES

BZ-1168235 - TransactionTable.start() initialize the TxCleanupService thread pool even when the cache is NON_TRANSACTIONAL

Previously in Red Hat JBoss Data Grid, TransactionTable.start() initialized the TxCleanupService thread pool when dealing with a non-transactional cache.

This is fixed in JBoss Data Grid 6.3.2 so that the TxCleanupService is disabled for non-transactional caches as expected.

BZ-1168241 - Statetransfer thread pool deadlock

Previously in Red Hat JBoss Data Grid, the OOB and/or thread pool became deadlocked during large state transfer operations (for example, 300 nodes with 3000 caches).

This is now fixed in JBoss Data Grid 6.3.2 and the state transfer thread no longer becomes deadlocked during large state transfer operations.

BZ-1168233 - Rebalancing "Finished cluster wide rebalance" message is not logged in INFO

Previously in Red Hat JBoss Data Grid, the rebalancing "Finished cluster wide rebalance" message was not logged in INFO as expected. Users could access the log (started/enabled/suspended) messages, but could not view the expected "finished cluster wide rebalance" message in INFO.

This is now fixed in JBoss Data Grid 6.3.2 and the message is logged in INFO as expected.

BZ-1159559 - Bulk HotRod operations fail when using authorization

Previously in Red Hat JBoss Data Grid, the Hot Rod Bulk operations used MapReduce which implied the EXEC permission even though conceptually they should be BULK_READ operations.

This is now fixed in JBoss Data Grid 6.3.2.

BZ-1168245 - HR size command broken in cluster mode

Previously in Red Hat JBoss Data Grid, Hot Rod authentication succeeded with a clustered cache, but executing the RemoteCache.size() command threw an unexpected SecurityException.

This is now fixed in JBoss Data Grid 6.3.2 and Hot Rod authentication works as expected.

BZ-1168237 - HR authentication broken in cluster mode

Previously in Red Hat JBoss Data Grid, when the server cache was clustered, the Hot Rod client was unable to authenticate itself despite using the correct credentials and displayed the following error:

```
09:44:00,343 INFO [org.infinispan.AUDIT] (HotRodServerWorker-1) [DENY]
null ADMIN cache[securedcache]
```

The transport layer in JBoss Data Grid was breaking the authentication process. However, authentication worked as expected when a local cache was used instead of a clustered cache.

This is now fixed in JBoss Data Grid 6.3.2 and Hot Rod authentication for a clustered server works as expected.

BZ-1159162 - Possible false positive suspect of FD_HOST when the number of hosts is large

Previously in Red Hat JBoss Data Grid, when using the FD_HOST protocol in JGroups for node failure detection (whether the node was alive was checked using ICMP pings), a node was suspected to be dead even if it was responsive. This issue was more likely to occur in larger clusters.

This issue is now fixed in JBoss Data Grid 6.3.2.

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APPENDIX A. REVISION HISTORY

Revision 6.3.2-1
Implemented QE feedback.

Fri Dec 05 2014

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Revision 6.3.2-0
First draft.

Thu Dec 04 2014

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