



Red Hat JBoss A-MQ 6.2

Release Notes

What's new in Red Hat JBoss A-MQ

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What's new in Red Hat JBoss A-MQ

JBoss A-MQ Docs Team

Content Services

fuse-docs-support@redhat.com

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Abstract

These notes provide an overview of the changes between each release of Red Hat JBoss A-MQ.

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CHAPTER 1. WHAT'S NEW

Abstract

This section describes the main features and changes in version 6.2.

1.1. NEW FEATURES IN RED HAT JBOSS A-MQ 6.2.0

The main new features in version 6.2 are:

- Both Java 7 and Java 8 are now supported. See [Red Hat JBoss A-MQ Supported Configurations](#) for detailed information about supported JVMs on different architectures.
- New messaging clients and client APIs have been added for JMS, Python and .NET. See [Red Hat JBoss A-MQ Client Connectivity Guide](#) for detailed information about the clients and client APIs.
- The logging level can now be changed at runtime using the JConsole. See [Change Logging Level at Runtime using JConsole](#) in the *Managing and Monitoring a Broker* guide for detailed information on how the logging level can be changed.
- JMS messages can now be edited and resent in the Management Console. For detailed information, see [Managing JMS Queues and Messages](#) in the *Management Console User Guide*.
- JBoss A-MQ can now be started without a connection to the Internet.
- The MQ Gateway, AMQP protocol stack and MQTT protocol stack have undergone more complex testing compared to the previous release.

1.2. TECHNOLOGY PREVIEW FEATURES

The following features are provided as technical previews only in version 6.2, and are not suitable for production environments. For details on what "technical preview" means, see <https://access.redhat.com/support/offerings/techpreview/>.

- Replicated LevelDB store. See [chapter "Using the Replicated LevelDB Persistence Adapter" in "Configuring Broker Persistence"](#) for more details.

CHAPTER 2. DEPRECATED AND REMOVED FEATURES

BIN/DELETETEFABRIC8 SCRIPT IS DEPRECATED

The `bin/deletetefabric8` script is deprecated and will be removed in a future release.

SPRING DYNAMIC MODULES (SPRING-DM) IS DEPRECATED

Spring-DM (which integrates Spring XML with the OSGi service layer) is deprecated in 6.2 and you should use the Blueprint framework instead. Using Blueprint does not prevent you from using the Spring framework: the latest version of Spring is compatible with Blueprint.

SERVICEMIX MAVEN ARCHETYPES NOT SUPPORTED

The ServiceMix Maven archetypes (with a `groupId` of `org.apache.servicemix.tooling`) are no longer supported and are not available in 6.2. You can use the fabric8 Maven archetypes instead (which provide similar functionality). The fabric8 archetypes have a `groupId` of `io.fabric8.archetypes` and the following fabric8 archetypes are available:

```
karaf-camel-amq-archetype
karaf-camel-cbr-archetype
karaf-camel-cxf-code-first-archetype
karaf-camel-cxf-contract-first-archetype
karaf-camel-dozer-wiki-archetype
karaf-camel-drools-archetype
karaf-camel-eips-archetype
karaf-camel-errorhandler-archetype
karaf-camel-log-archetype
karaf-camel-log-wiki-archetype
karaf-camel-webservice-archetype
karaf-rest-archetype
karaf-secure-rest-archetype
karaf-secure-soap-archetype
karaf-soap-archetype
```

FUSE APPLICATION BUNDLES

Fuse Application Bundles (FABs) are no longer supported and are not available in 6.2. Instead of using FABs, it is recommended that you repackage your code as an OSGi bundle, for deployment into the JBoss A-MQ container.

CHAPTER 3. KNOWN ISSUES

3.1. LIST OF KNOWN ISSUES IN JBOSS A-MQ 6.2.0

The following list describes known issues in version 6.2.0:

[[ENTMQ-1447](#)] Unable to apply patch to JBoss AM-Q 6.2.0 SSH-containers

A file that is *required* for patching a Fabric from version 6.2.0 to 6.2.1 is missing from the JBoss A-MQ 6.2.0 distribution. The missing file will be provided in the first patch for JBoss A-MQ. For more details, see [section "Patching a Fabric from 6.2.0 to 6.2.1" in "Migration Guide"](#).

[[FABRIC-963](#)] Cannot create a fabric on a Windows 7 operating system with Java 7

To connect to the ZooKeeper server, you must change the connectivity type from IPv6 to IPv4. For the detailed solution, see the following Customer Portal article: [Cannot create fabric in JBoss Fuse 6.1 Beta on Windows 7](#)

[[ENTESB-3192](#)] Client session is dropped after fabric:create

The Client session is dropped after `fabric:create` is run. The workaround is to reconnect to the karaf console after fabric is created.

[[ENTESB-3039](#)] [HTTP Gateway] apis mapping rules don't work right after deployment

If the `zooKeeperPath` property in the `io.fabric8.gateway.http.mapping-apis.properties` is changed, a gateway node restart will be required.

[[ENTESB-2924](#)] Insight - Elasticsearch: JsonPretty error: Unable to get property 'toLowerCase' of undefined or null reference (:7999:6)

Insight Elasticsearch page is not supported in IE. The error occurs when clicking rectangles with numbers at Insight - Elasticsearch page.

[[ENTESB-2773](#)] [platform AIX HPUX] camel-leveldb missing native library

The `camel-leveldb` feature is *not* supported on IBM AIX, HP-UX, and Oracle Solaris operating systems.

[[ENTESB-2770](#)] [OSE][6.2]AMQ6.2 and AMQ6.1 should allow to be installed together in OSE

It is not possible to update both Red Hat JBoss Fuse 6.1 on OSE and Red Hat JBoss Fuse 6.2 on OSE on the same node. Once you update to Red Hat JBoss Fuse 6.2 using `rpm -U` or `yum` you will no longer be able to receive updates (patches) for Red Hat JBoss Fuse 6.1 on OSE.

[[ENTESB-2513](#)] OSE Fuse JVM sometimes dies with SIGABRT

RHEL customers need to upgrade `openjdk` to `java-1.7.0-openjdk-1.7.0.79-2.5.5.3.el6_6` or later which will fix the `SIGABRT`.

[[ENTESB-3437](#)] Failed to register plugin exception after patch:install

A failed to register plugin exception is thrown after running the command `patch:install`

[[ENTMQ-1040](#)] Stop script ignores arguments

When shutting down a broker using the stop script, the stop script fails to work remotely.

[[ENTESB-2069](#)] Container which is created from Hawtio can not start if restarting openshift node

After restarting OpenShift, containers created from Hawtio cannot be started. This happens because the containers started before the ZooKeeper starts running will fail to start. The workaround is to wait for the start and keep restarting until we get connected to ZooKeeper.

[[ENTESB-3328](#)] [6.2] ./cxf/fabric8 REST API endpoint is not secured

The default installation of Red Hat JBoss Fuse 6.2 contains **fabric-rest** feature which is active by default. This allows to invoke REST-like operations on Fabric (like deleting containers or versions) without any authentication. For 6.2.0, the recommended action is to uninstall this feature after installing Red Hat JBoss Fuse 6.2.

1. To uninstall the fabric-rest feature, run the command:

```
features:uninstall fabric-rest
```

Or you can uninstall (or stop) the bundle by running the command:

```
osgi:uninstall <id of io.fabric8.fabric-rest bundle>
```

2. Then remove **fabric-rest** feature from the **default** profile by running the command:

```
fabric:profile-edit --delete --feature fabric-rest default
```

[[ENTMQ-1063](#)] jboss-amq allows user without role full access through non-interactive ssh

Karaf commands that are not explicitly listed in RBAC access control lists can be invoked in non-interactive shells. To work around the issue, create explicit rules that prevent execution of unwanted commands.

[[ENTESB-3405](#)] Unable to provision SSH container - problem in getting .zip distro

The ssh container provisioning fails to create or publish the artifacts to the fabric maven instance. The workaround is to remove (temporarily) remote Maven servers so that the resolution completes successfully with just the local maven instance.

[[ENTMQ-1068](#)] Exclude C# from Windows Qpid packages

When you download the **Red Hat JBoss A-MQ 6.2.0 QPID C++ Client for Windows 64bit Visual Studio 2012 v3.32.3.1** package from the JBoss A-MQ 6.2.0 downloads page, it includes a package called **qpid-cpp-x64-VS2012-3.32.3.1.zip**, which contains **C#** libraries (**org.apache.qpid.messaging*.dll**) and example code. Please note that we do not support the **Qpid C#** client, and so these libraries and examples are not supported.

[[ENTESB-3488](#)] Fuse Fabric mq-create requires keytool to be installed

The **fabric:mq-create** command requires that the Java **keytool** command-line utility is provided on your PATH. If necessary, you can work around this requirement by specifying the **--no-ssl** option (which disables support for the SSL/TLS protocol).

[[Bug 1275786](#)] Missing nss-devel dependency on Client and ComputeNode variants

The Qpid C++ client cannot be compiled from sources through the Client or ComputeNode channels on Red Hat Enterprise Linux (RHEL) 6 (due to a missing dependency on the package, **nss-devel**). In order to compile from sources, it is recommended that you install the Qpid C++ client through the Server channel instead.

[[ENTMQ-570](#)] The `jmx.restart` feature might behave unexpectedly

When you install and use the `jmx.restart` feature, you might encounter errors.

[[AMQ-5080](#)] RAR - missing messages on master slave failover

With repeated failover between master and slave, and a message-driven bean that consumes from A and sends to B in a transaction you can:

- Lose some messages acked as duplicates in error, and
- Duplicate some messages, when acks are lost in error without forcing a rollback.

CHAPTER 4. RESOLVED ISSUES

4.1. GENERAL - 6.2.0

Table 4.1, “General Issues Resolved in 6.2.0” lists the issues resolved in version 6.2.0.

Table 4.1. General Issues Resolved in 6.2.0

Issue Number	Description
ENTESB-1355	NPE in MavenIndexerFacade after a few minutes
ENTESB-1531	SSH Console regenerates the SSH key on each restart
ENTESB-1581	Set HttpOnly flag for Fuse distros
ENTESB-1792	Fix broken ESB itests
ENTESB-1833	SOAP and SECURE-SOAP quickstarts fail to install
ENTESB-1850	Unable to create a Fabric
ENTESB-1870	Error while using detector ActiveMQDetector in DR1 kit
ENTESB-1892	need filter out more RBAC related configuration files like users.properties system.properties jmx.acl.whitelist.cfg from fabric8 kit
ENTESB-1900	In -021 kits Hawtio has Community branding
ENTESB-1936	EsbFullBootTest failure with Insufficient roles/credentials for operation
ENTESB-1939	Clean up welcome message
ENTESB-2070	Add a default hawtio.roles setting to etc/system.properties
ENTESB-2071	RBAC for ActiveMQ brokers is bypassed
ENTESB-2105	Fuse CDC should not include fabric-bundle feature by default
ENTESB-2115	fabric:create fails with 6.2 DR3 034 kit
ENTESB-2163	java.lang.SecurityException: unable to instantiate Subject-based policy when using IBM JVM
ENTESB-2183	Camel-sap feature not available in latest 6.2 kit (-042)
ENTESB-2198	Registry value created by container-default-jvm-options is ignored

Issue Number	Description
ENTESB-2202	connector features does not install
ENTESB-2228	Can't close staging repo for redhat-support-lib-java
ENTESB-2296	example-cxf-cxf.server binds to localhost:9000 instead of \${bind.address}:\${app1.port}
ENTESB-2299	Disable Deploy of Data Layer Plugins from SAP Camel Component
ENTESB-2305	[RH-Support] SUPPORT attachement populated only in case of a Fabric environment
ENTESB-2370	OSE Maven artifacts uploaded to fabric proxy cannot be resolved by containers
ENTESB-2381	Broken camel-linkedin quickstart
ENTESB-2403	Update Camel SAP Quick Start for 6.2
ENTESB-2429	Broken camel-box quickstart: Cannot deploy to Fuse
ENTESB-2444	Unresolved constraint exception during fuse-full-karaf startup
ENTESB-2471	missing RBAC config for RH Access Log viewing
ENTESB-2475	Insight - MetricsCollector: Error sending metrics, insufficient roles/credentials for operation
ENTESB-2582	Valid XML Documents for IDocs and SAP Structures failing to unmarshal
ENTESB-2584	camel-sap not deploying sources
ENTESB-2587	RH Access - List Cases: pagination disappears when number of displayed records changes
ENTESB-2592	Unmarshalling of IDoc Document List does not initialize root segment class
ENTESB-2616	Include this org.ops4j.pax.url/pax-url-classpath for the standard installation for Fuse
ENTESB-2620	ABAP 'SPACE' keyword assigned as default value in JCo meta-data instead of space character
ENTESB-2622	Can't create fabric with 6.2.0.064 (Could not find quickstarts artefact)
ENTESB-2624	Camel-cxf-contract-first quickstart fails
ENTESB-2628	After installing REST quickstart on patched Fuse: Can't find com.wordnik.swagger.jaxrs.listing.ApiListingResourceJSON

Issue Number	Description
ENTESB-2632	[OSE] [6.2] AMQ cartridge lacks RedHat branding in Hawt.io
ENTESB-2633	Remove obsolete karaf.admin.role setting from system.properties
ENTESB-2701	Beginner quickstarts README.md contain invalid paths
ENTESB-2723	Add missing xalan and xmlresolver bundles to lib/endorsed directory in JBoss Fuse distro
ENTESB-2729	Fix minor typos etc. in Salesforce quickstart
ENTESB-2787	Camel SAP - Spring container - Could not initialize class org.eclipse.emf.ecore.xml.type.XMLTypePackage
ENTESB-2793	Cannot use ssh console /w SSH public-key auth
ENTESB-2802	Export Xerces packages using org.osgi.framework.system.packages.extra instead of org.osgi.framework.bootdelegation
ENTESB-2830	[6.2] WARN in the logs "Old style feature file without namespace found"
ENTESB-2910	SAP Camel Component needs to unregister its Data Providers in OSGi environment
ENTESB-2913	SAP Camel Component Unit Tests Failing
ENTESB-2918	Fuse quickstarts : camel-cxf-code-first and camel-cxf-contract-first tests exceptions
ENTESB-2980	SAP Camel Server Components needs to stop and release JCo Servers
ENTESB-3008	Compile errors in camel-sap component
ENTESB-3040	EsbProfileRedeployTest fails with java.lang.SecurityException: Insufficient credentials.
ENTESB-3072	SAP Camel Server Components do not return responses
ENTESB-3081	etc/config.properties repeated keys
ENTESB-3090	Wrong instruction to build and deploy QS secure-soap
ENTESB-3099	Quickstarts should build without warnings; most should work without fabric
ENTESB-3168	JBoss Fuse BOM - Missing gravia version
ENTESB-3189	Unable to install 2 patches on Fuse without access to Internet
ENTESB-3276	Bug in meta-data for sap-idoclist-server endpoint affecting Karaf console help

Issue Number	Description
ENTESB-3344	Activemq configuration file inconsistent between Fuse and A-MQ
ENTESB-3389	Wrong instructions in cxf-rest quickstart READMEs
ENTMQ-1005	After creating a Fabric in JBoss A-MQ, RBAC is not enabled
ENTMQ-1023	[AMQ 117 + Fabric] Child container Insufficient roles/credentials for operation in log
ENTMQ-725	Use archive.apache.org to ensure reproducible build
ENTMQ-746	feature jasypt-encryption should be installed by default.
ENTMQ-898	SecurityException during startup
ENTMQ-944	[ER2] activemq.xml has been renamed to broker.xml
FABRIC-1174	log file name changed from fuse.log to karaf.log after fabric:create
ENTESB-1364	Jasypt-Spring is no longer included in Servicemix Jasypt bundle
ENTESB-1624	Have jasypt-spring31 bundle installed out of the box
ENTESB-2530	Move JMX ACL config files into a separate directory
ENTESB-2614	include mvn:org.slf4j/jcl-over-slf4j version in fuse BOM
ENTESB-2678	container-create-ssh should zip up current distro rather than shipping fabric8-karaf distro
ENTMQ-993	Revise current standalone (non-fabric) JBoss A-MQ default transport connectors configuration
FABRIC-1054	Change the form of multi-valued options to singular - they are specified multiple times

4.2. MESSAGING - 6.2.0

Table 4.2, “[Messaging Issues Resolved in 6.2.0](#)” lists the issues resolved in version 6.2.0.

Table 4.2. Messaging Issues Resolved in 6.2.0

Issue Number	Description
AMQ-4107	Message order can be broken for Topic under a high load when topicPrefetch=1 and consumer is slow

Issue Number	Description
AMQ-4636	JDBCPersistence DB stopped during message send; JMSEException is sent back to client rather than shutting down connection
AMQ-4727	Unable to add camel routes to activemq running in a karaf container
AMQ-4900	With AMQP transport, Delivery Annotations are stored with the message
AMQ-4929	remove old and unused org.apache.activemq.broker.BrokerService#setSupportFailOver
AMQ-5004	Dispatching large messages over AMQP is very slow.
AMQ-5016	BitArrayBin doesn't work well with index larger than Integer.MAX_VALUE
AMQ-5052	DemandForwardingBridgeSupport has noisy log
AMQ-5082	ActiveMQ replicatedLevelDB cluster breaks, all nodes stop listening
AMQ-5086	vm transport create=false&waitForStart race condition
AMQ-5105	leveldb fails to startup because of NoSuchMethodError
AMQ-5107	In-flight queue message redelivered to multiple listeners upon broker shutdown
AMQ-5116	batchStatment is misspelled for JDBC adaptors
AMQ-5124	Exception logged on startup: jolokia-agent: Cannot start discovery multicast handler
AMQ-5125	Broker and clients hang
AMQ-5126	OnePrefetchAsyncConsumerTest fails intermittently
AMQ-5127	MQTT Subscriber with QoS.EXACTLY_ONCE receives messages even after unsubscribing from topic
AMQ-5128	Provide SSL_OPTS to all tasks in shell scripts
AMQ-5131	Add proton META_INF/services to the activemq- osgi bundle definition so AMQP works inside Karaf
AMQ-5136	MemoryUsage is not decremented on a JMS topic when rolling back a transacted session
AMQ-5138	Useless code in VMTransport class
AMQ-5141	Message expiry that is done as part of a removeSubscription command should not use the clients credentials.

Issue Number	Description
AMQ-5144	stomp+nio+ssl very slow message sending
AMQ-5149	Potential deadlock
AMQ-5153	LevelDB does not store subscribedDestination for durable subscriptions
AMQ-5155	Heartbeat fails in STOMP over WebSockets
AMQ-5159	STOMP browse gets null pointer exception if ACK mode is not AUTO
AMQ-5160	Wildcard subscriptions bypass Authentication / Authorization
AMQ-5162	Slave broker does not shutdown after persistence store lockout.
AMQ-5164	QueueMasterSlaveSingleUrlTest.testAdvisory fails
AMQ-5165	Fix destination statistics queue name
AMQ-5166	MessageDatabase does not consistently apply tracker settings
AMQ-5167	ActiveMQ web-console fails to start in Karaf - missing import
AMQ-5174	Cannot use the JDBCIOExceptionHandler when kahadb is configured with lease-database-locker
AMQ-5182	ActiveMQ web demo - chat example - Very slow on JBoss7 after AMQ-4801
AMQ-5186	AMQP producers aren't removed
AMQ-5187	Virtual destination consumers do not support retroactive message recovery
AMQ-5193	Java Files Started Appearing in activemq-all jar starting in 5.9.0
AMQ-5195	AMQP protocol handler doesn't set session incoming capacity
AMQ-5198	MessageConsumer and Producer are not thread safe
AMQ-5211	ActiveMQDestination.createDestination() should prevent empty destination name
AMQ-5216	BrokerXmlConfigStartTest fails on Windows
AMQ-5220	Advisory messages are still empty when received with a Stomp subscription
AMQ-5222	Issue with Purge Inactive Destination feature

Issue Number	Description
AMQ-5223	activemq-jms-pool is missing OSGi metadata
AMQ-5224	XA pooled connection factories are not recoverable
AMQ-5226	When create on start is set to true, the JMS Pool can return the same connection twice in a row
AMQ-5233	MQTT broker with ACL, try to connect using bad credential sends first connection event and next disconnect event to client
AMQ-5237	Link stealing doesn't work for MQTT + Webscokets
AMQ-5242	Most Stomp tests fail or hang on AIX
AMQ-5251	Scheduler missing some synchronization
AMQ-5253	Typo In settings parameter for policyEntries
AMQ-5258	Connection reference leak in PooledConnectionFactory leading to expired connections stuck in the pool
AMQ-5262	ActiveMQ hangs on shutdown when JMS Bridge is created
AMQ-5265	JMX destination entires fail due to race condition in MBeanBridgeDestination
AMQ-5267	Some MQTT tests hang on HP-UX
AMQ-5268	PooledConnectionFactory gets in endless loop when storing into JNDI
AMQ-5269	NIO transports using blocking accept calls, very slow shutdown
AMQ-5277	JDBC ack does not use messageId.entryLocator
AMQ-5281	Incorrect handling of unknown values in selectors
AMQ-5295	HTTPS Network Connector doesn't work with Mutual authentication- HTTPSClientTransport uses wrong SSLSocketFactory
AMQ-5298	MQTT Transport can generate class cast exception when subscription is to a Virtual Topic
AMQ-5299	MQTT does to calls to unsubscribe on a duplicate subscription request.
AMQ-5300	Infinite loop when attempting to replay levelDB logs to rebuild index
AMQ-5304	groupClass not applied to TempDestinationAuthorizationEntry

Issue Number	Description
AMQ-5306	Composite destination creation in perf test always builds topics
AMQ-5315	NullPointerException in DemandForwardingBridgeSupport.collectBrokerInfos
AMQ-5316	LoggingBrokerPluggin, configuration variable logMessageEvents is not used
AMQ-5317	NPE on brokerView addConnector
AMQ-5318	JDBC store; commit called on connection that uses autocommit during "deleteAllMessages" .
AMQ-5320	Incorrect Documentation in org.apache.activemq.management.SizeStatisticImpl
AMQ-5323	ActiveMQ Message getProperty and setProperty inconsistent behaviour
AMQ-5333	XPath selector - make xml parser features configurable
AMQ-5337	Bug in ConcurrentLinkedQueue leads to excessive CPU-consumption by ActiveMQ process
AMQ-5345	Improve LDAP communication
AMQ-5347	persistJMSRedelivered flag doesn't work correctly when exceptions occur
AMQ-5350	Separate the AMQP maxFrameSize setting from the WireFormat maxFrameSize setting.
AMQ-5352	AMQP messages published transactionally should be accepted using a TransactionalState
AMQ-5353	Mismatch of camel versions allowed
AMQ-5354	persistJMSRedelivered feature breaks the ability for KahaDB to compact its journal files
AMQ-5365	MQTT topic name in received message is wrong in network of brokers scenario
AMQ-5372	UdpTransportTests fail with JDK8 in teardown
AMQ-5377	Incorrect wild card replacement in mqtt topics
AMQ-5381	ActiveMQBytesMessage mishandles restoration of old message contents
AMQ-5384	Deadlock on DB connections in JDBCMessageStore.removeMessage
AMQ-5385	MQTT Link Stealing fails when client reconnects more than once
AMQ-5387	MQTT Codec - buffer mis-alignment on NIO when Back-2-Back packets are received

Issue Number	Description
AMQ-5389	MQTTCodec headerParser - not reducing readSize if nulls are read
AMQ-5390	MQTT pending durable subscriber messages are not delivered after broker restart
AMQ-5394	Incorrect handling of duplicate update message commands in KahaDB can lead to broker startup errors
AMQ-5395	AmqpJMSVendor clips destination names if no prefix set
AMQ-5396	Linkstealing causes deadlock when old client disconnects before link stealing adds the connection
AMQ-5399	MQTT - out of order acks
AMQ-5401	AMQP transport handling of durable consumer unsubscribe if incorrect
AMQ-5403	remove extra expiration and timestamp manipulation which will cause problems
AMQ-5407	TransportConnector nio+ssl ignores transport.enabledProtocols settings
AMQ-5413	AMQP test client delivery/redelivery anomaly
AMQ-5417	Use correct classloader in TaskRunnerFactory
AMQ-5421	AbortSlowAckConsumerStrategy can cause errors due to concurrent access to internal state
AMQ-5423	STOMP protocol converter tracks pending ACKS but doesn't remove the state once ACK'd
AMQ-5431	lack of link context when processing AMQP detach response results in NPE and stopping connection
AMQ-5433	AMQP messages stuck in broker when receiver detaches while receiving
AMQ-5438	Archiving mKahaDB log files cause broker restart
AMQ-5441	PersistenceAdapter returns all Durable Subscriptions - this does not scale at all when durable subscribers are used
AMQ-5442	NullPointerException in SimpleDiscoveryEvent on Shutdown
AMQ-5444	KahaDB bug that skips doing a sync on recoveryFile
AMQ-5447	Memory Leak after shutdown embeded broker with JDBC persistence

Issue Number	Description
AMQ-5450	mKahaDB filtered wildcard <filteredKahaDB queue="*.DLQ"> doesn't pick up myqueue.DLQ
AMQ-5455	Build Failure due to missing paho dependency
AMQ-5456	AMQP messages accepted transactionally by a consumer should retain the TransactionalState until commit/rollback
AMQ-5457	prefetched messages go bottom in a message list of a JMX queue.browse
AMQ-5467	AMQP transaction may fail to commit, or process unexpected messages, if consumer acks are not in a single unbroken sequential range
AMQ-5468	AMQ MQTT doesn't reject remote connection after a long time
AMQ-5472	RAR; stopped connection (due to SecurityException) not evicted from JCA pool
AMQ-5473	Race condition caused by Linkstealing might make durable subs inactive
AMQ-5475	AMQP transport does not send correct response to unsupported clients
AMQ-5476	Batch transactions of priority messages: javax.jms.JMSEException: Unmatched acknowledge: MessageAck {commandId = 14, responseRequired = false, ackType = 2, ...Could not find Message-ID XXX in dispatched-list (start of ack)
AMQ-5483	LRU cached message group map eviction is not reflected in consumer assigned counts
AMQ-5484	AMQP Memory leaks in the AMQP Protocol converter on sender link close
AMQ-5493	KahaDB MessageDatabase race condition while stopping the broker and cleaning up
AMQ-5506	typo in ZkSessionTmeout attribute of leveldb replication
AMQ-5511	Retained messages for zero-byte clientId connections
AMQ-5513	redelivery count incremented in error for unconsumed prefetched messages
AMQ-5514	Create Release 5.10.1
AMQ-5517	Support for Jetty 9
AMQ-5519	use the "amqp:not-found" condition to indicate attempt to remove a DurableSubscription that does not exist
AMQ-5520	MulticastDiscoveryAgent may use a network that is not multicast enabled, fails to startup

Issue Number	Description
AMQ-5525	error converting collection entry - activemq:browse karaf command via itests
AMQ-5534	Generic JMS connection pool should be able to renew connections after JMSException
AMQ-5535	deadlock on close and failover reconnect around org.apache.activemq.ActiveMQConnection.getScheduler
AMQ-5542	KahaDB data files containing acknowledgements are deleted during cleanup
AMQ-5550	Close of an AMQP consumer that failed to open because it was unauthorized causes exception in broker logs.
AMQ-5551	The DiskBenchmark util doesn't sync (fsync) to disk for sync writes
AMQ-5563	activemq-camel - Wrong default value in javadoc
AMQ-5564	activemq-pool - Either adds new mbeans or add/remove pair of mbean for each producer in use
AMQ-5567	JDBC XA - Store COMMIT FAILED: java.io.IOException: Could not remove prepared transaction state from message add for sequenceId
AMQ-5568	Deleting lock file on broker shut down can take a master broker down
AMQ-5580	Thread unsafe operations on the PersistenceAdapters in the mKahaDB implementation
AMQ-5585	Messages not reachable after moving
AMQ-5594	Virtual topic wildcard consumers don't receive some messages
AMQ-5598	MQTT+NIO+SSL: Concurrent connections lead to 100% CPU usage
AMQ-5608	connecting with username and SimpleAuthenticationPlugin defined without any users leads to NPE
AMQ-5620	deadlock on shutdown - kahadb and local tx rollback
AMQ-5622	STOMP clients can only delete durable subscriptions when clientId equals subscriptionName
AMQ-5626	kahadb - unconsumable low/med priority message after restart
AMQ-5628	MapMessage.getDouble uses Float when converting from String/UTF8
AMQ-5629	MapMessage.getChar does not handle if the backing map contains String or UTF8

Issue Number	Description
AMQ-5632	MapMessage.getBytes crashes with NPE if no value present
AMQ-5644	Authorization map doesn't handle wildcard subscriptions properly
AMQ-5645	CronParser.getNextScheduledTime() for the first day of every month
AMQ-5647	AMQP: Close busy receiver link to queue and open new link: new link never receives
AMQ-5649	Maximum producers allowed per connection doesn't work for anonymous producers
AMQ-5652	IdGenerator not optimal in port restricted environments.
AMQ-5665	memory store is broken in 5.11.0 for advisories (and probably other issues as well)
AMQ-5674	initialRedeliveryDelay not respected
AMQ-5680	MessageBrokerView.getTempQueues() have test for destination.isTopic() instead of destination.isQueue()
AMQ-5684	AMQP: messages get stuck
AMQ-5685	Purge does not work when simple authorisation plugin is used
AMQ-5686	ProxyMessageStore doesn't properly delegate
AMQ-5689	Queue dispatching hangs when there are redelivered messages that don't match current consumer's selectors
AMQ-5697	Authorization map doesn't handle composite destinations properly
AMQ-5698	AMQP: Transport factories are not applying wireFormat.* options to newly created Transport instances.
AMQ-5703	kahadb - index recovery - corrupt journal records cannot be skipped
AMQ-5704	AMQP: SASL Mechanisms sent in the wrong order.
AMQ-5710	ActiveMQConnection cleanup should not close the connection on the broker
AMQ-5711	[AMQP] Consumer on named temporary queue results in NullPointerException
AMQ-5718	Prevent adding a message to topic subscriber while we're discarding a message
AMQ-5721	Update AMQ to commons-pool2

Issue Number	Description
AMQ-5723	AMQP: Presettle deliveries miss calling local settle which leaks resources
AMQ-5724	Query command don't filter properly
AMQ-5729	Audit log shows plaintext password for QueueView.sendMessage
AMQ-5731	AMQP: corrupted incoming frame can cause the connection to drop but not be unregistered on the Broker.
AMQ-5735	increment redeliverCounter in the absence of client supplied information
AMQ-5738	AMQP memory leak of sender links while closing non-durable consumers
AMQ-5742	Destination dispatched count statistic not reflecting redelivery/redispach
AMQ-5743	purged of 0 messages org.apache.activemq.broker.region.Queue logged when clearing a temp queue
AMQ-5744	Password encryption is broken in OSGi
AMQ-5746	Slave broker not registering JMX mBean when scheduler is enabled
AMQ-5752	Move and copy message does not work in web console
AMQ-5758	DefaultIOExceptionHandler causing NPE
AMQ-5762	Severe memory leak in the MQTT connector
AMQ-5763	Consume messages in transactions with AMQP stop after 500 messages
AMQ-5775	Web console queue graph encoding
AMQ-5782	Resource Adapter doesn't support SSL
AMQ-5783	Failed to browse Topic: XXXXX java.io.EOFException: Chunk stream does not exist, page: y is marked free
AMQ-5787	VMTransport uses broken double checked locking
AMQ-5793	swiss army knife example broken
ENTESB-2653	[OSE] [6.1] WARN apache.activemq.util.IdGenerator could not generate unique stub by using DNS and binding to local port: java.net.BindException Permission denied

Issue Number	Description
ENTMQ-1010	Memory leak possible in KahaDB when MQTT clients connect and lookup previous durable topic subscriptions
ENTMQ-1019	TCK Tests multiple test failures for AMQP1.0 and JMS 1.1
ENTMQ-841	Slave broker not registering JMX mBean when scheduler is enabled
ENTMQ-975	ActiveMQ split-brain after SyncFailedException on NFS filesystem
ENTMQ-977	KeepAlive timer in shared file lock doesn't detect lock deletion in time
PROTON-833	transport can emit frames with an invalid channel number after local session close
ZOOKEEPER-1751	[ZOOKEEPER-1751] ClientCnxn#run could miss the second ping or connection get dropped before a ping

4.3. CONTAINER - 6.2.0

Table 4.3, “Container Issues Resolved in 6.2.0” lists the issues resolved in version 6.2.0.

Table 4.3. Container Issues Resolved in 6.2.0

Issue Number	Description
ENTESB-1972	Connection to Fuse refused via SSH after applying patch to fabric root container
ENTESB-1987	Erros with JMX operation when creating a Fabric.
ENTESB-2200	Investigate 2 failing Karaf tests
ENTESB-2387	Karaf command "osgi:list -l" still shows location of old bundles even after patch is installed successfully in fabric
ENTESB-2558	Karaf 2.4.0 has 3 test failures on Windows
ENTESB-2603	karaf webconsole events - missing user login in org/apache/karaf/login/* topic
ENTESB-2741	ConnectionFactory does not honor aries.xa.name service property
ENTESB-2786	Make sure we we don't ship OpenJPA
ENTESB-2793	Cannot use ssh console /w SSH public-key auth
ENTESB-2986	[OSE] [6.2] creating openshift fuse or amq cartridge to the existing fabric sometimes fails with NPE in org.apache.sshd.common.util.Buffer.putString(Buffer.java:434)

Issue Number	Description
ENTESB-3081	etc/config.properties repeated keys
ENTESB-3132	Slow startup after clean start with patches installed
ENTESB-3157	JPA EntityManagerFactory Service not created on Fuse 6.2.0.Final
ENTESB-3237	Karaf 2.4.0 build is failing with: Failed to execute goal org.apache.rat:apache-rat-plugin
ENTESB-3245	[117] Problem creating secured service proxy while creating fabric
ENTESB-3423	org.jledit.EditorInitializationException: java.lang.ClassNotFoundException thrown by edit command
FABRIC-1201	The command container-create-child prints the result 'Creating new instance on SSH port...' to karaf console even if run from ssh or hawtio terminal
FABRIC-1224	Passwords in logs are clear text
FELIX-4637	Gogo can't cope without several commands with defined service.ranking
KARAF-1075	pid is set as the factorypid when creating a factory configuration instance from the feature file
KARAF-1327	Client: can't execute alias command
KARAF-1367	Remove line number logging from default logging config
KARAF-1545	Jar files in lib directory require "karaf-" prefix in order to be loaded
KARAF-1553	Command service references should be AUTO_EXPORT_INTERFACES
KARAF-1560	config:update throws ClassCastException when used on a Configuration with boolean fields created in the web console
KARAF-1561	Restart Framework from Web Console's System Information tab results in Karaf dying
KARAF-1770	Unable to feature:install webconsole under apache-karaf minimal package
KARAF-1799	JAVA_HOME autodiscovery not working on Windows 7 (karaf.bat)
KARAF-1914	SSH client authentication randomly fails
KARAF-1936	LDAPLoginModule not working in 2.3.0 due to missing import of javax.net.SocketFactory
KARAF-1968	Uninstalling jndi feature leads to hanging Karaf

Issue Number	Description
KARAF-2007	features without start-level in features.xml are always started first
KARAF-2013	Bug in Karaf 2.3.0 Maven2 Features Plugin Documentation
KARAF-2022	Password for client script is output to the terminal
KARAF-2026	Two broken links on remote console manual page
KARAF-2027	invalid password option for admin:connect command in documentation
KARAF-2029	delete.user option missing from JDBCLoginModule
KARAF-2035	Not able to clone the root instance
KARAF-2047	config:edit -f command doesn't work on Windows platform
KARAF-2057	NOTICE and LICENSE files are not correct
KARAF-2071	Minimal distribution doesn't start
KARAF-2096	Upgrade to Pax Exam 2.6.0
KARAF-2114	Update org.ops4j.pax.url.mvn.cfg file in child instance to include the system folder
KARAF-2115	Sync weaving behavior between root and child instances
KARAF-2125	"Components" tab not shown in WebConsole
KARAF-2133	Generated title contain unresolved placeholder
KARAF-2134	Features deployer does not support mvn urls
KARAF-2136	ServiceMix Spec property misspelled in etc/system.properties
KARAF-2143	Remove Jetty JUL logger configuration
KARAF-2171	Start Karaf as service shows 'Activator' error in wrapper.log
KARAF-2188	JPA bundle error out at shutdown
KARAF-2206	The container fails to start correctly with IBM Java 6
KARAF-2213	Missing org.apache.karaf.jaas.authz-2.3.1.jar from the system repo prevents minimal distro startup

Issue Number	Description
KARAF-2218	Fix manual links on website
KARAF-2220	spring-jms feature shouldn't depend on spring-web
KARAF-2224	generate-features-xml Mojo ignores classifier of maven dependencies
KARAF-2226	Properties with pathname are not correct on windows in jaas PropertiesLoginModule
KARAF-2231	ConcurrentModificationException at org.apache.karaf.admin.internal.AdminServiceImplTest.testToSimulateRenameInstanceByExternalProcess
KARAF-2234	Thrown Exception in shell commands should be logged as ERROR
KARAF-2236	karaf scripts fail when paths contain spaces
KARAF-2237	LDAP login module cannot look up keystore and/or truststore
KARAF-2248	Karaf console wraps on Windows 7 when connecting using the client
KARAF-2259	jetty.xml has old RolePrincipal class name
KARAF-2269	ServiceMix Specs Activator/OsgiLocator Broken due to KARAF-2136
KARAF-2285	Some tabs in WebConsole are blank
KARAF-2297	WebConsole should export org.json
KARAF-2306	BootClasspathLibraries should be copied before Karaf classpath settings in pax-exam container
KARAF-2309	Normal Zip file which put into the deploy folder can't be deleted anymore
KARAF-2314	Remove SNAPSHOT repositories by default in the distribution
KARAF-2315	The check for jvm.dll happens too early in the bat file
KARAF-2339	Do not install boot features asynchronously
KARAF-2346	WebConsole should export package with version 3.1.2 (and not 4.0.0)
KARAF-2357	features-create-kar goal of the karaf-maven-plugin ignores bundles listed in the features that have the "dependency" property set to "true"

Issue Number	Description
KARAF-2359	DirectoryWatcher for "deploy" directory should be configured to wait until framework start level reaches 60
KARAF-2363	Second feature validation result in an Exception.
KARAF-2365	jaas:manage selects wrong configuration
KARAF-2368	Commands with more than one argument have incorrect help string
KARAF-2375	WcTests set to ignore
KARAF-2381	The shell log:set command not as documented
KARAF-2386	Custom Distribution page for 2.3.x is unreachable
KARAF-2391	Add generic capabilities provided by the framework
KARAF-2418	Minimal distro hanging on startup
KARAF-2423	Avoid overlapping lock exceptions when multiple threads access the admin service
KARAF-2437	Logs still have been printed into console after log:tail and Ctrl + C
KARAF-2446	Fix etc/config.properties for endorsed xercesImpl
KARAF-2448	Failures in org.apache.karaf.itests.OsgiTest
KARAF-2458	Update to Spring 3.2.4.RELEASE
KARAF-2525	Karaf 2.4.0-SNAPSHOT doesn't start due to missing startup bundle
KARAF-2530	Build failure on Mac....
KARAF-2558	Unit Tests in error when building from trunk on Windows platform
KARAF-2602	Support Java 8
KARAF-2621	PropertiesLoginModuleTest.testNonExistantPropertiesFile fails on windows
KARAF-2626	Add load-test and threads commands
KARAF-2628	Fix synchronization issues in the commands completer
KARAF-2632	Handle backslashes at end of line in the console

Issue Number	Description
KARAF-2633	Prevent deadlocks with classloaders on JDK 6
KARAF-2634	Specify the alias when registering servlets to eliminate warnings
KARAF-2635	Deployment errors/warnings for bundles within "deploy" directory should be logged
KARAF-2636	Improve security mechanism
KARAF-2646	CLONE - Created instances etc folder doesn't contain all mandatory files
KARAF-2673	Cannot execute single itests
KARAF-2674	Provide Spring 4.0.2.RELEASE_1 feature
KARAF-2683	Fix OpenJPA features
KARAF-2685	Set the hibernate bundles start-level greater than the default one
KARAF-2729	DerbyXA datasource (from template) is not visible with jdbc:datasources
KARAF-2730	Provide full exception details when karaf doesn't startup
KARAF-2781	Enable rat profile by default
KARAF-2786	Comment the default key and document how to change/enable it
KARAF-2797	Allow FeaturesService to specify options during feature uninstallation
KARAF-2798	jdbc:create -i -t HSQL installs wrong db-engine
KARAF-2806	The bundle:watch commands fails when updating o.a.k.bundle.core bundle
KARAF-2819	datasource-xxx.xml contains wrong password after jdbc:create
KARAF-2820	features-maven-plugin:add-features-to-repo adds wrong transitive feature version
KARAF-2821	features-maven-plugin:add-features-to-repo is broken in 2.3.5-SNAPSHOT
KARAF-2837	The config.properties in features-maven-plugin is out-of-data.
KARAF-2849	MBeanServer unregistration is not correctly handled
KARAF-2878	The thread reading the system input stream should exit automatically when the console bundle stops

Issue Number	Description
KARAF-2880	jms:* commands don't consume messages
KARAF-2890	The env variables can't be read while running karaf as a Linux service
KARAF-2895	installation website link produces 404 not found page
KARAF-2898	Maven feature validation did not accept WAR bundle (WAB) artifacts.
KARAF-2899	NPE when running features:listUrl
KARAF-2913	JAAS JDBCBackingEngine has the wrong condition to iterate results, no users are returned
KARAF-2914	JAAS JDBCBackingEngineFactory: Wrong query from the configuration
KARAF-2957	LDAP login module cannot handle slashes in CN
KARAF-2977	JdbcMBean attribute is "unavailable"
KARAF-2980	strip off tabs/spaces around role group names
KARAF-2981	Karaf shutdown hangs in SshServer.stop()
KARAF-2991	Shell Console throws exception when a service contains int[] as value for a property
KARAF-2992	Generate the shutdown command at first boot
KARAF-2996	shutdown +n command not work and shutdown hh:mm not been validated
KARAF-3017	Concurrency issues in FeaturesService related to add/remove/list operations
KARAF-3023	Wrong repositories for features after "features:list -o" command in 2.3.x
KARAF-3033	The system bundle should export and boot delegate javax.xml.crypto packages
KARAF-3052	Allow passing through custom ldap properties
KARAF-3054	client doesn't load using IBM JDK
KARAF-3061	Problems with jaas:realms / jaas:manage commands when using multiple realms of the same name
KARAF-3072	Instance etc files are not sync with the root etc files
KARAF-3085	features:chooseurl/feature:repo-add should support "real" version range

Issue Number	Description
KARAF-3086	ensure an user is selected from the etc/users.properties when use bin/client
KARAF-3089	The features deployer demo doesn't build
KARAF-3095	itests randomly fail to get the JMXConnector
KARAF-3096	Karaf doesn't start with Equinox 3.9.1
KARAF-3098	Check the usage of config.properties in main module
KARAF-3103	config:edit does not correctly handle configuration visibility for --factory calls.
KARAF-3105	Cannot use LDAPLoginModule with ActiveDirectory
KARAF-3108	Fix webconsole CSS
KARAF-3115	add address flag when create a child instance
KARAF-3117	The console welcome message is garbled when the console is restarted
KARAF-3118	Avoid possible exceptions when closing the console
KARAF-3128	Update ops4j/oss sonatype repositories URL
KARAF-3129	RAT plugin error on ssh key files
KARAF-3135	Avoid deadlock during boot features installation
KARAF-3138	Having eventadmin listed as a boot features cause problems in other bundles startup
KARAF-3149	Karaf chooseurl for jclouds is wrong
KARAF-3158	Incorrect javax.annotation version for java7
KARAF-3169	blueprint deployer doesn't seem to work
KARAF-3170	Java8 packages related to JavaFX are missing
KARAF-3175	diagnostic feature should be a boot feature
KARAF-3176	sshRole and jmxRole are not fonctionnal
KARAF-3180	openwebbeans feature doesn't install
KARAF-3189	webconsole feature installation fails

Issue Number	Description
KARAF-3192	Don't throw IllegalStateException when can't find attribute for a certain bean
KARAF-3196	Export sun.misc package from the system bundle
KARAF-3204	Avoid calls to Configuration#setBundleLocation(null) which are not needed
KARAF-3213	ConcurrentModification exception in FileInstall/Upgrade to Felix FileInstall 3.4.1
KARAF-3219	Typo error in the etc/config.properties after append the shutdown command
KARAF-3221	Wrong scr:list command used causing NPE
KARAF-3234	Manual doesn't build with maven-bundle-plugin >= 2.5.0
KARAF-3239	Add fileinstall dependency in the features-maven-plugin
KARAF-3250	JVM options ignored on Windows
KARAF-3254	Very high memory consumption with the watch command
KARAF-3257	NullPointerException on Karaf osgi shell commands
KARAF-3269	ssh into karaf as user with no roles throws exception and user shell stays frozen
KARAF-3284	The shell-log bundle should not import org.apache.log4j.* package
KARAF-3288	karaf script doesn't start on Solaris if JAVA_HOME is not set
KARAF-3350	The log:display command fails with CNFE if the pax-logging-service bundle has been refreshed
KARAF-3397	FeaturesServiceMBeanImpl throws an Exception when listening the features
KARAF-3412	should add javax.management.builder.initial flag for Karaf child instance
KARAF-3413	should also associate the role to run executeScript
KARAF-3415	memory leak when run ssh client
KARAF-3441	The admin:stop Command Does Not Zero Out Root Container PID
KARAF-3536	Diagnostic module won't compile with IBM JDK
KARAF-3562	DefaultJDBCLOCK case sensitive issue

Issue Number	Description
KARAF-3564	bin/stop fails for slave in case of Lock strategies
KARAF-3578	restore web:list command
KARAF-3642	bundles mistaken got uninstalled even though it has a depending feature with it.
KARAF-3648	should zero out instance pid in instance.properties when we shutdown an instance from shell
KARAF-3704	Command jaas:groupadd allows adding duplicate groups
KARAF-3711	LDAP login module doesn't handle case where CN, OU, DC case doesn't match
KARAF-519	Jline behavior problem when pasting long lines

4.4. FUSE FABRIC - 6.2.0

Table 4.4, “Fuse Fabric Issues Resolved in 6.2.0” lists the issues resolved in version 6.2.0.

Table 4.4. Fuse Fabric Issues Resolved in 6.2.0

Issue Number	Description
CURATOR-208	InterProcessSemaphoreV2 swallows InterruptedException
ENTESB-1209	Incorrect feature definition: jclouds-rackspace-cloudblockstorage-us-1.6.2-incubating
ENTESB-1210	Incorrect feature definition: jclouds-rackspace-cloudblockstorage-uk-1.6.2-incubating
ENTESB-1237	Quickstart examples has SNAPSHOT dependency instead of build number
ENTESB-1257	Error: Duplicates in a repeater are not allowed. Repeater: q in panel.query key: string:e
ENTESB-1302	jboss-fuse-minimal - Does not have hawtio installed
ENTESB-1332	Cannot delete profile version
ENTESB-1341	camel-cxf-contract-first-archetype 1.0.0.redhat-355 creates an incorrect wsdl
ENTESB-1358	Maven warnings when building the quickstarts
ENTESB-1405	Fabric - Runtime - Manage: Cannot delete profiles version...sometimes
ENTESB-1414	Fabric - Wiki / root/fabric/profiles: "jclouds" link has no address set

Issue Number	Description
ENTESB-1434	profile-create throws NPE when passing not existing parent reference
ENTESB-1435	fabric:container-create-ssh --help does not load DETAILS section
ENTESB-1441	fabric:export uses the same flag -p for 2 different options
ENTESB-1442	fabric:export --path returns a confusing error message when running example
ENTESB-1530	Our Maven-Notice-Plugin do not work on Windows if it generates a too long command
ENTESB-1629	Duplicate property in "etc/config.propeties"
ENTESB-1666	fabric:container-upgrade, container-rollback - completers work in wrong order
ENTESB-1671	Fuse/A-MQ does not fully respect KARAF_ETC environment variable
ENTESB-1678	2nd level descendant of root container can't be created in hawtio (but can be created from shell), and the one which were created are not displayed
ENTESB-1684	Creating a container with hawtio profile - Provision Exception:
ENTESB-1695	HTTP Gateway leaks memory and file descriptors
ENTESB-1739	Error in determining local repository path in patch service
ENTESB-1758	--external-git-url option is not validated
ENTESB-1825	Archetype commands stopped working
ENTESB-1831	EIP Quickstart fails with repeated errors
ENTESB-1833	SOAP and SECURE-SOAP quickstarts fail to install
ENTESB-1850	Unable to create a Fabric
ENTESB-1961	unable to create a fabric in 6.2
ENTESB-1976	Protocol detecting gateway does not work with websocket connections
ENTESB-2072	fabric-jolokia's JolokiaSecureHttpContext only allows one role
ENTESB-2077	"Connection refused" when creating fabric with --zookeeper-server-port 4004
ENTESB-2096	Install time for the cartridge takes too long.

Issue Number	Description
ENTESB-2111	Listener (io.fabric8.service.FabricMBeanRegistrationListener) exception when curator connection SUSPENDED / RECONNECTED
ENTESB-2126	Fuse 6.1 Rollup up breaks HTTP proxy support for access to remote Maven repository
ENTESB-2147	Unable to create fabric when using --min-port and --max-port
ENTESB-2170	fabric:create fails on 6.2 build 042 with NoClassDefFoundError on PaxLevelImpl
ENTESB-2171	Git operations (pull from the master node to child node) go through http proxy
ENTESB-2172	Insight Camel assumes Karaf runtime
ENTESB-2178	Version with invalid name is created and stored to git
ENTESB-2190	io.fabric8.common.util.MultiException when deploying more broker instances in fabric
ENTESB-2198	Registry value created by container-default-jvm-options is ignored
ENTESB-2210	Restore OSGi PropertiesProvider
ENTESB-2222	Fabric profile mq-replicated does not define ssl-broker.xml resource
ENTESB-2225	The fabric8/quickstarts/karaf/cxf/camel-cxf-code-first generates tons of NullPointerExceptions
ENTESB-2236	Fabric very instable when insights is deployed
ENTESB-2242	Insight plugin does not list any Camel exchanges
ENTESB-2252	InstanceNotFoundException during fabric creation
ENTESB-2269	Fabric: Default profile doesn't load it's icon image
ENTESB-2270	CBR Quickstart tests included in distribution are failing due to bad xmlns definiton
ENTESB-2279	[user experience] command fabric:encrypt-message NullPointerException
ENTESB-2294	NPE when fabric:container-create-openshift
ENTESB-2296	example-cxf-cxf.server binds to localhost:9000 instead of \${bind.address}:\${app1.port}
ENTESB-2298	Cannot install pax-cdi
ENTESB-2300	Fabric provisioning error on OSE

Issue Number	Description
ENTESB-2303	Provision status of stopped fabric container differs for child and ssh container
ENTESB-2309	mq-base profile ssl-broker.xml#openshift file uses OPENSIFT_FUSE_AMQ_PORT instead of OPENSIFT_FUSE_OPENWIRE_PORT
ENTESB-2314	Fabric - Dashboard: Delete button doesn't delete all selected dashboards
ENTESB-2315	Fabric - Dashboard: Unable to rename dashboards
ENTESB-2317	Broken features:list command in fabric container
ENTESB-2323	Show 'Command not found: fabric:welcome' error when ssh into container
ENTESB-2324	Can't add 'dns' profile to container
ENTESB-2329	fabric:create -g option not working
ENTESB-2350	Can't add 'kubernetes' profile to container
ENTESB-2370	OSE Maven artifacts uploaded to fabric proxy cannot be resolved by containers
ENTESB-2380	Failed downloads from the maven proxy servlet
ENTESB-2382	Missing feature "mq-fabric-camel" in Fuse 6.2
ENTESB-2387	Karaf command "osgi:list -l" still shows location of old bundles even after patch is installed successfully in fabric
ENTESB-2389	double login required when connecting to another fabric container
ENTESB-2390	support-features-1.2.0.redhat-054-features.xml contains unresolved versions
ENTESB-2391	Fabric - Profiles: Error: Duplicates in a repeater are not allowed.
ENTESB-2392	Container cannot be opened in a new window when Insight Jetty profile added
ENTESB-2393	Container's detail page: Container name cut from bottom
ENTESB-2395	Rest quickstart tests are failing
ENTESB-2409	fabric8 MavenProxyServletSupportTest#testDownloadMetadata is hanging
ENTESB-2410	Soap-quickstart tests included in distribution are failing due to bad xmlns definition
ENTESB-2411	Swagger REST API details are not bundle-specific

Issue Number	Description
ENTESB-2413	Standalone Broker is shut down when Fabric is shut down / inaccessible
ENTESB-2438	Double authentication in Red Hat Customer Portal
ENTESB-2439	git clone http://fuse-test.apps.example.com/git/fabric hangs on 48-core machine
ENTESB-2452	fabric8 build fails with JDK8
ENTESB-2466	Red Hat Support - Enlarge Window
ENTESB-2467	fabric example-cxf profile missing
ENTESB-2470	Adding bundles and features to profile from Fuse terminal doesn't work properly
ENTESB-2473	It should not be possible to delete the default version from the command line
ENTESB-2474	Adding artifact to a profile by drag and drop file action doesn't work
ENTESB-2477	Still can't find activemq-camel feature
ENTESB-2487	Insight - CamelEvents: popup exception at page's load
ENTESB-2488	Wrong record for master component in the zookeeper registry
ENTESB-2507	Provision list is not updated during provisioning
ENTESB-2519	Fabric profile with uppercase can be created
ENTESB-2539	Insight - Camel Events: Exception when interval without events is displayed
ENTESB-2552	NPE when using gateway
ENTESB-2570	fabric8-maven-plugin doesn't deploy profile zip
ENTESB-2577	RH Access - support case detail: "Server File(s) To Attach:" section is empty when support-base profile deployed to fabric container
ENTESB-2581	Git repo very slow after adding 100s of profiles
ENTESB-2588	support:collect generate output with dev:classloaders command which is not found
ENTESB-2591	RH Access - List Cases: filter by group drop-down list contains strange inactive items
ENTESB-2597	fabric8-maven-plugin ignores custom user settings file for deployments

Issue Number	Description
ENTESB-2598	Fabric8 FileWatcherTest fails on Windows
ENTESB-2606	Sometimes failed to create containers.
ENTESB-2613	Missing requirement while trying to deploy fabric-cxf feature after upgrading to R2
ENTESB-2615	[Fuse cartridge] Commands features:* throws "Could not find port within range [8282,8383]"
ENTESB-2636	hawt.io APIs Swagger view stuck in "fetching resource list: ..."
ENTESB-2637	Container-create-child suggestion produces "root" on each TAB press
ENTESB-2648	[OSE] [6.1.R2] CXF regression, FabricLoadBalancerFeature does not translate OpenShift addresses anymore
ENTESB-2685	FabricLoadBalancerFeature should wait (or at least allow to wait) for addresses to become available
ENTESB-2712	[OSE] [6.2] mq-create doesn't reuse existing keystore.jks
ENTESB-2733	Failed to retrieve RMIServer stub: javax.naming.NameNotFoundException when trying to connect to ssh container
ENTESB-2736	secure-rest quickstarts getProductOrderTest fails
ENTESB-2749	RH Access - List Cases: Going to the ticket and back in history increases count of items in "EmailNotification Recipients" select box
ENTESB-2754	fabric:create performance regression
ENTESB-2761	Broker fails to start at the first attempt and FileNotFoundException: class path resource [profile:broker.xml] cannot be opened because it does not exist is printed in container log when starting a container with replicated LevelDB profile
ENTESB-2772	Karaf command 'profile-change-parents' doesn't change, but appends a parent to the specified profile
ENTESB-2774	Fabric - Services - MQ: Operation saveBrokerConfigurationJSON failed due to: java.lang.NullPointerException
ENTESB-2807	[OSE] [6.2] when not fully initialized profile is removed container hangs in updating state
ENTESB-2831	support for webbundle protocol in Karaf install command
ENTESB-2844	Settings for HTTP maven proxy does not work

Issue Number	Description
ENTESB-2885	multiple versions of jclouds (1.8.0 and 1.8.1) in fuse 6.2
ENTESB-2888	[Hawt.io] Add version select to MQ tab
ENTESB-2901	ActiveMQ doesn't start in containers, created based on mq-replicated profile, when system or config property 'org.apache.activemq.leveldb.test=true (or ='false') specified
ENTESB-2906	fabric:create does not create the admin users with the required roles
ENTESB-2922	ZooKeeperServerFactory : Placeholder in DEBUG message
ENTESB-2926	"Declarative Services" Hawtio page does not auto-refresh
ENTESB-2932	Brokers are stopped after zk connection timeout and reconnect
ENTESB-2939	Creating replicated brokers with ssl fails
ENTESB-2948	Warning 'javax.management.InstanceNotFoundException: io.fabric8.cxf.bus.id=io.fabric8.fabric-rest-cxf ' in karaf.log of ssh container
ENTESB-2949	Sometimes (rare) NullPointerException on broker startup and mq replicated container hangs on finalizing (stopping bundles)
ENTESB-2951	Sometimes container creation takes a long time (5 min) and there are NullPointerExceptions are in karaf.log
ENTESB-2952	Session expired in the middle of working with Insight
ENTESB-2953	Insight - Logs: several columns ordering is not right
ENTESB-2965	fabric:version-create --description - descriptions are messed up
ENTESB-2976	[OSE] [6.2] container-delete removes openshift-created container from fabric without --force
ENTESB-2982	fabric8-maven-plugin 'branch' goal does not accept secure git repo connections
ENTESB-2984	fabric8-maven-plugin branch goal does not allow pushing new branch
ENTESB-2999	Fabric profile resource editor does not save files
ENTESB-3010	Can't create MQ config for version other than default one
ENTESB-3038	WS in child containers aren't recognized by ZK sometimes
ENTESB-3077	Fabric8 InvocationTest hangs on HPUX

Issue Number	Description
ENTESB-3081	etc/config.properties repeated keys
ENTESB-3091	Command jaas:groupadd allows adding duplicate groups
ENTESB-3096	Potential NPE when applying patch with files
ENTESB-3099	Quickstarts should build without warnings; most should work without fabric
ENTESB-3127	Camel SAP + Spring - timing problem with configuration
ENTESB-3147	Rollbacking patch throws exception into the console
ENTESB-3151	Fail to provision ssh container - invalid zip
ENTESB-3188	Unable to apply patch in fabric
ENTESB-3225	Fabric8 has 28 test failures on Windows
ENTESB-3231	[ER5] Odd behavior with brokers (and group membership) and container restarts
ENTESB-3232	Fabric8 PatchTheServiceTest fails intermittently
ENTESB-3270	Proxy settings from provided maven settings.xml file is not picked up
ENTESB-3293	Http Gateway profile default servlet mapping does not work
ENTESB-3296	[6.2] app1.port not set on child containers, example-cxf-cxf.server cannot be deployed on child containers
ENTESB-3301	StandAlone brokers created in fabric aren't registered in ZooKeeper
ENTESB-3302	NoSuchMethodError when accessing swagger api-docs for JBoss Fuse Quickstart: rest
ENTESB-3338	Unable to create ssh-container on machine with OpenJDK 1.8
ENTESB-3359	[OSE] [6.2] hawtio logs don't show up for containers with mq-amq profile
ENTESB-3361	Unable to upgrade root container to newer version with applied patch
ENTESB-3367	[6.2] example-camel-loanbroker-mq.loanBroker profile should not have uppercase 'B' character in profile name
ENTMQ-1005	After creating a Fabric in JBoss A-MQ, RBAC is not enabled
ENTMQ-598	The configured JAAS authentication realm seems ignored at runtime

Issue Number	Description
FABRIC-1036	ProjectDeployerTest creates 'null' directory on every build
FABRIC-1042	Possible resolution problem with fragments
FABRIC-1045	ResolverTest broken now we've moved to apache aries
FABRIC-1046	facade tests fail when moving back to perfectus camel/cxf
FABRIC-1047	jboss-fuse-medium profile should change one of it's parent profile from "mq-amq" to "mq-default" profile
FABRIC-1050	[DOC] Adding a comma separated list of features to a deployed Fabric profile raises "Unable to resolve dummy/0.0.0:"
FABRIC-1067	Not all bundles are installed when a feature is added to a profile
FABRIC-1072	fabric:export does not work on Windows (7)
FABRIC-1078	Terminating a container with the "exit" command after updating the ensemble resets the zookeeper.url
FABRIC-1079	Problems adding a container to the fabric using fabric:join and changing the container name
FABRIC-1080	NullPointerException using the fabric:join command and the zookeeper-password is not provided
FABRIC-1093	Fix fabric-maven-proxy tests
FABRIC-1094	Fix insight-maven tests
FABRIC-1095	Fix basic ExampleCxfProfileLongTest
FABRIC-1096	Fix archetype-builder tests
FABRIC-1108	MQProfileTest fails with immutable version/profile
FABRIC-1109	Camel tests fail with immutable version/profile
FABRIC-1112	Cannot reliably authenticate with Zookeeper from GitDataStore
FABRIC-1113	AbstractProfileMojoTest reliably fails with clean repo
FABRIC-1115	Possible race when using fabric:create -n

Issue Number	Description
FABRIC-1116	ProcessControllerTest fails consistently and prevents PR processing
FABRIC-1117	PaxLoggingTest reliably fails with clean repo
FABRIC-1118	NoSuchMethodError: org.apache.felix.utils.properties.Properties.setProperty
FABRIC-1120	Fix autoscale integration tests
FABRIC-1127	Fix EnsembleTest
FABRIC-1128	Git TransportException in basic karaf tests
FABRIC-1134	Fabric8 ensemble administration consoles behave unhelpfully in below-quorum situations
FABRIC-1148	Feature verification does not work with 'mvn -pl ...'
FABRIC-1149	Git Master Repo changes without notification
FABRIC-1151	Fix common FabricCreateCommandTest
FABRIC-1152	Restore TomEE container
FABRIC-1156	Fix ExampleMQProfileTest
FABRIC-1162	1.2.0.Beta4 - Fails updating containers with all changes if profile is changed
FABRIC-1168	Tomcat ARQ tests may hang
FABRIC-1173	Cannot reliably delete profile version
FABRIC-1179	container cannot start after repeatedly stopping and starting
FABRIC-1182	Many tests failing with "Container failed to provision"
FABRIC-1185	after creating numerous child containers and assigning them an MQ broker profile, Fuse console operations fail with a message
FABRIC-1190	Fragment bundles exception: Resource already loaded
FABRIC-1194	Fabric ensemble does not recover after VM disconnection
FABRIC-1198	ssl-broker.xml is missing in mq-replicated profile
FABRIC-1200	fabric8 Karaf console and hawtio handle profile editing differently

Issue Number	Description
FABRIC-1202	NPE when trying to create ssh container via hawtio
FABRIC-1224	Passwords in logs are clear text
FABRIC-1227	Non-Ensemble Fabric Server IllegalArgumentException - A HostProvider may not be empty!
FABRIC-1230	Failover Transport becomes null when Fabric disconnects
FABRIC-1239	fabric:create --no-import
FABRIC-719	Fabric creates a /null directory in WildFly home
FABRIC-720	Fabric creates a /data directory in WildFly home
FABRIC-721	Remove dependency on hard coded port values from sysprops
FABRIC-763	Unable to set SSH timeout of child container in Fabric
FABRIC-907	Boot commands do not respect RuntimeProperties
FABRIC-910	Creating container with underscore does not work on OpenShift
FABRIC-923	insight-log / insight-camel don't work
FABRIC-950	Decouple 6.1.x versions from master
FABRIC-960	joining a fabric with a distro with a different fabric version to the one defined in the io.fabric8.version.properties file causes failure
FABRIC-962	Fix ContainerLifecycleCommandsTest for SCR commands
FABRIC-964	Make sure all default modules are reverse reachable
FABRIC-981	Fix basic ExampleCamelClusterTest
MR-916	FUSE "master" component conflicts with camel-quartz2
WAGON-416	Lightweight HTTP Wagon doesn't set Proxy-Authorization header
ZOOKEEPER-1576	[ZOOKEEPER-1576] Zookeeper cluster - failed to connect to cluster if one of the provided IPs causes java.net.UnknownHostException

4.5. MANAGEMENT CONSOLE - 6.2.0

Table 4.5, “Issues Resolved in 6.2.0:” lists the issues resolved between Fuse MQ Enterprise 7.1 and 6.2.0.

Table 4.5. Issues Resolved in 6.2.0:

Issue Number	Description
ENTESB-1203	Caused by: org.xml.sax.SAXParseException: cvc-complex-type.3.2.2: Attribute 'description' is not allowed to appear in element 'from'.
ENTESB-1336	Hawtio logs out a user in a very short time when main menu tabs are pressed
ENTESB-1349	TypeError in hawtio when pressing Chart in JMX tab
ENTESB-1359	Clicking on System Bundle on OSGi/bundles tab causes TypeError
ENTESB-1385	Preferences - Inconsistent capital letters in labels
ENTESB-1404	Fabric - Runtime - Manage - Adding new profile version does not check name of new profiles version correctly
ENTESB-1406	Fabric - Runtime - Manage - Checkbox for all profiles selection does not appear until any profile selected
ENTESB-1407	Fabric - Runtime - Container detail: Unchecking one checkbox unchecks all checkboxes beside profiles
ENTESB-1408	Fabric - Runtime - Mq Creating new broker: "Minimal instances" de/increment works with wrong default value
ENTESB-1410	Fabric - Runtime - APIs: Sorting in table doesn't work when clicking column header
ENTESB-1412	Fabric - Runtime - Map: link "freegeoip.net" has no address set
ENTESB-1415	Fabric - Wiki - result of file changes comparison depends on order of selected versions
ENTESB-1416	Fabric - Wiki - Actions - Delete: Button Delete does nothing after previous deletion or delete cancellation
ENTESB-1417	Fabric - Wiki - Actions: All options as rename, delete etc. are enabled even if no checkbox is checked right after rename action performed

Issue Number	Description
ENTESB-1419	Fabric - Wiki - Actions - History: Revert and Compare buttons stay enabled after successful reversion
ENTESB-1428	Hawtio error on Internet Explorer 11
ENTESB-1433	Bouncy diagrams with circles and arrows are not rendered correctly in Internet Explorer
ENTESB-1449	Unable to create child container from Hawtio when System Property is set
ENTESB-1450	Hawtio allows a profile to be deleted that is assigned to a container
ENTESB-1461	Failed to logout error pops up when link to external address clicked
ENTESB-1474	Details of OSGi bundle in Hawt.io are not displayed
ENTESB-1475	Error handling when creating connection to remote server
ENTESB-1476	Removing multiple features through hawtio UI doesn't work
ENTESB-1550	Help - Preferences - bad description copied from welcome page.
ENTESB-1551	Help - Preference - change to "Preferences"
ENTESB-1553	JBoss Fuse on OS - The rest quickstart does not work in API browser
ENTESB-1561	Changing the profile's parent in Hatwio does not dismiss the change parent dialog
ENTESB-1575	Dashboard - Manage - Share: Click on line numbers in Source text editor field causes exception
ENTESB-1578	Logs - green arrow showing selected row displays over filter
ENTESB-1619	Hawtio - JMX - Tree item detail - Detail dialog doesn't show when row clicked on Property column
ENTESB-1638	Hawtio: Internet Explorer 10, Browing a Single Message and Deleting it is non-functional

Issue Number	Description
ENTESB-1640	Hawtio - JMX: mbean chart labels are poorly readable due to bad text and background color
ENTESB-1643	Hawtio: Sorting Messages causes messages to display wrong message when clicking the message
ENTESB-1644	Hawtio: Message Groups Displays [object Object], should be something else.
ENTESB-1655	Hawtio - logs out after any page refreshed
ENTESB-1701	Preferences - Plugins: Wiki plugin disappeared when Container view selected
ENTESB-1702	Preferences - Plugins: Plugin can be set as default even if disabled
ENTESB-1713	Preferences - Logs: grammar mistake in Auto scroll label "logs is added"
ENTESB-1715	ActiveMQ: Health mBean Create Queue and Topic does nothing
ENTESB-1724	Current OpenShift broker should be preconfigured by default in the hawt.io console when creating new OpenShift containers
ENTESB-1775	Some issues about 'Container Name'
ENTESB-1849	Hawtio doesn't refresh topics list after queue was created
ENTESB-1887	Unable to create container without profile
ENTESB-1908	Preferences sliding window shows at login page
ENTESB-1947	Can't create container from hawtio
ENTESB-1968	hawt.io fabric MQ view "Connect to the Broker inside Container: foo" button doesn't work
ENTESB-1981	Hawtio - Mouse right click on activemq tree element or jmx tree element in hawtio will open welcome screen in Firefox
ENTESB-2039	Hawtio - Dashboard: Create Gist on github button always disabled

Issue Number	Description
ENTESB-2082	OSE hawt.io "Expiring session due to inactivity" after 5 minutes
ENTESB-2092	Hawtio - Fabric - Wiki: Profile disappears when copied under the same name to the same folder
ENTESB-2126	Fuse 6.1 Rollup up breaks HTTP proxy support for access to remote Maven repository
ENTESB-2128	hawtio osgi -> features does not work
ENTESB-2171	Git operations (pull from the master node to child node) go through http proxy
ENTESB-2198	Registry value created by container-default-jvm-options is ignored
ENTESB-2201	user has to open preferences tab to be able to send amq messages in Hawt.io
ENTESB-2224	hawtio RangeError: Maximum call stack size exceeded
ENTESB-2227	Link to Preferences points to ActiveMQ page
ENTESB-2229	Git tab twice in Preferences
ENTESB-2231	Behavior of Host identification
ENTESB-2237	Unable to create version containing string in name from hawtio in 6.2
ENTESB-2243	Rephrase sentence in FAQ
ENTESB-2249	Jmx - Operations: Parameter type's label jumps up when mouse over checkbox
ENTESB-2250	Log Out menu option disappears after entering page address manually or page refreshing
ENTESB-2251	"Log Out" option and it's pupup label "Log out" option differs in capital letters usage
ENTESB-2255	Change label formatting

Issue Number	Description
ENTESB-2256	Switching between different Brandings and Themes does not work properly
ENTESB-2267	Fabric: Profiles under Containers tab are checkable without any reason
ENTESB-2268	Fabric: "Details..." link by profiles under Containers tab is dead
ENTESB-2269	Fabric: Default profile doesn't load it's icon image
ENTESB-2273	Fabric - Profile remove confirmation dialog: Inconsistent button names (Remove, Delete)
ENTESB-2275	Fabric-Scaling-Profile requirements: Adding host tag erases set values
ENTESB-2276	Clicking Logs tab causes switch of main navigation tabs set when Insight profiles deployed
ENTESB-2284	Fabric: Scaling - broken layout when page resized
ENTESB-2287	Hawtio - Terminal: unable to execute any command
ENTESB-2290	Hawtio - Terminal: osgi:info command problem
ENTESB-2293	Preferences tooltip
ENTESB-2302	Fabric - Wiki: Version menu displays behind profiles' tree structure
ENTESB-2314	Fabric - Dashboard: Delete button doesn't delete all selected dashboards
ENTESB-2316	Fabric - Dashboard - Manage: Checkbox for all dashboards selection stays checked
ENTESB-2331	OSGi - Dependencies: Different popup errors in different browsers when the page loads
ENTESB-2338	Add New Profile Dialog: Clicking on a profile name loads a profile page behind the dialog
ENTESB-2339	Add New Profile dialog: Disallow adding the same profile multiple times

Issue Number	Description
ENTESB-2340	Scaling - SSH Configuration, Docker Configuration: All numeric values can be set to be 0 or negative
ENTESB-2341	Fabric - Scaling: It is possible to create empty HostTag
ENTESB-2345	Hawtio becomes not available when the client repeatedly tries to create more connections than 'maximumConnections' property
ENTESB-2349	Fabric - Wiki - History: "Compare" and "Revert" buttons are always inactive
ENTESB-2351	Fabric - Wiki: Can't create document "patternpattern.aaa" while "pattern.aaa" already exists
ENTESB-2353	Fabric - Wiki - Actions: History action link behaves as intended but confusingly when a tree item selected
ENTESB-2357	Fabric - Wiki - Camel route editor: Save button active even if grayed out
ENTESB-2359	Word "any" twice in one sentence
ENTESB-2360	"Clear recent" option looks like one of the perspectives
ENTESB-2362	Try to change alignment in Help
ENTESB-2364	Fabric - Wiki - Camel route editor: Cannot find use of "Cancel" button. Does it do even anything?
ENTESB-2368	Irrelevant link in FAQ
ENTESB-2369	Missing dot at the end of the sentence
ENTESB-2371	Page content doesn't load after refresh
ENTESB-2372	Fabric - Wiki - Camel route editor: Preserve unsaved changes when switching between "Canvas" and "Tree" view
ENTESB-2385	Fabric - Services - Registry: Strangely placed "/" signs in registry path

Issue Number	Description
ENTESB-2388	Fabric - Services: Synchronize doubly displayed profiles selection while creating new container
ENTESB-2389	double login required when connecting to another fabric container
ENTESB-2393	Container's detail page: Container name cut from bottom
ENTESB-2400	[user experience] hawtio fabric perspective name changing
ENTESB-2408	Hawtio console should default to showing the current default configuration version, rather than 1.0
ENTESB-2418	The 6.1 R1P1 Patch Breaks Jolokia URL
ENTESB-2423	[UX] ugly template page visible for a moment when displaying a container view
ENTESB-2424	REST quickstart / SOAP quickstart buttons in API view are never shown by default
ENTESB-2425	[UX] wiki navigation bar links too tall / not aligned
ENTESB-2428	Remove console logging from hawtio-plugin-redhat-access
ENTESB-2435	[UX] Cannot create containers directly from the "Containers" view
ENTESB-2437	Dashboard - Empty textbox for widget renaming is too long, therefore submit and cancel buttons are hidden
ENTESB-2438	Double authentication in Red Hat Customer Portal
ENTESB-2440	Dashboard - the second widget on a dashboard is placed far far down
ENTESB-2454	Dashboard - unscrollable widgets' content
ENTESB-2462	Error Unknown provider
ENTESB-2464	Red Hat Support - Search case by status is not working

Issue Number	Description
ENTESB-2466	Red Hat Support - Enlarge Window
ENTESB-2474	Adding artifact to a profile by drag and drop file action doesn't work
ENTESB-2478	Insight perspective isn't present right after login
ENTESB-2481	Repeated login/logout becomes slower and slower
ENTESB-2486	Container's and Insight's perspective has default page set to Logs page which shouldn't be accessible
ENTESB-2492	OSE hawtio fabric "Containers" view "Open a new window and connect to this container" does not open the Log view
ENTESB-2510	Fabric - Containers - Profiles: Filtering doesn't work
ENTESB-2512	Fabric - Wiki: Version's menu has clickable separator-like labels
ENTESB-2514	Fabric - Wiki - Patch version: Cancel button redirects to Welcome page
ENTESB-2520	Fabric - Services - EIPs: offered quickstarts are the same and have been probably moved
ENTESB-2542	Insight: Elasticsearch tab doesn't stay highlighted when clicked
ENTESB-2545	RH Access - highlight clicked tabs
ENTESB-2563	RH Access: Activate upper bar links/tabs when page displayed
ENTESB-2578	[rh-access] ui polishing
ENTESB-2604	Hawtio GitFacadeTest fails on Windows
ENTESB-2681	Fabric - Dashboard - Manage: List of dashboards is empty
ENTESB-2684	OSGi - Dependencies: Firefox on Fedora 20 freezes when the page loads

Issue Number	Description
ENTESB-2709	Some property keys are not displayed with correct color in hawtio
ENTESB-2714	Fabric - Containers - Containers: Root container filtering doesn't work
ENTESB-2715	Fabric - Containers - Containers: Filtering box has 2 crosses to delete it's content
ENTESB-2719	Fabric-Dashboard-Manage-DuplicateTo Profiles: Clicking profile name in "Copy dashboards" dialog opens profile page in background
ENTESB-2727	Fabric - Services - Profiles: Target count of instances with a profile is green even if current state exceeds set maximum
ENTESB-2739	Exception happens when trying to delete ssh container several times via Hawtio (and Zookeeper failed to select master)
ENTESB-2756	Unify tabs of RH Access pages with links in right upper menu
ENTESB-2782	Fabric - Services - MQ: Filtering shifts some boxes with brokers down
ENTESB-2795	Fabric - Scaling - Profile Requirements: Refreshing page with new values causes "Invalid argument" error in IE11
ENTESB-2797	Fabric - Scaling - SSH Configuration, Docker Configuration: Dragging tags causes popup errors in IE11
ENTESB-2798	Fabric - Scaling - Status: Change mouse pointer image to "hand" when over profile name
ENTESB-2806	Add Dependencies to Profile Dialog: Clicking on a profile name loads a profile page behind the dialog
ENTESB-2812	Fabric - Dashboard: Widgets with diagrams are zoomed out in IE11
ENTESB-2814	Fabric - Dashboard: Container detail widget has too large-scaled images

Issue Number	Description
ENTESB-2841	ActiveMQ - Durable Subscribers: Delete button becomes inactive forever after subscriber deleted
ENTESB-2842	Unable to update Pax Web properties from Hawtio
ENTESB-2853	Hawtio creates config dirs in current user dir
ENTESB-2864	Connect: It's possible to connect to 8181 with random username and password and path when jetty runs on 9181
ENTESB-2868	Dashboard - Manage: Bad mouse interaction with rename-dashboard box in Firefox
ENTESB-2869	Dashboard: Logs widget has only several rows - short scrollbar
ENTESB-2875	OSGi - Configuration: Creating new configuration with existing name replaces existing configuration
ENTESB-2878	OSGi - Bundles: ActiveMQ checkbox does nothing
ENTESB-2888	[Hawt.io] Add version select to MQ tab
ENTESB-2909	Editing files in the hawtio wiki which have a long file path causes first line to be obscured by menu bar
ENTESB-2926	"Declarative Services" Hawtio page does not auto-refresh
ENTESB-2974	[OSE][6.2]The button of 'start' is grey when moving cursor on the "stopped" container
ENTESB-2977	Hawt.IO quartz plugin stops working in Fuse 6.1.1
ENTESB-3009	Cannot filter messages - Windows + Firefox
ENTESB-3022	Fabric - Services - Profiles: one container is listed in multiple versions of the same profile
ENTESB-3029	Fabric - Services - MQ: Too large broker image
ENTESB-3084	Fabric - Wiki - Camel editor: Missing Canvas and Tree tabs when editor first loaded

Issue Number	Description
ENTESB-3088	Fabric - SSH Configuration, Docker Configuration: Limit port value to 65535
ENTESB-3115	Perspective switching menu: "Perspectives" and "Recent connections" labels are cut from the left
ENTESB-3154	More generic solution for ENTESB-2418
ENTESB-3207	Fabric - Container - ActiveMQ, Camel, JMX Attributes: Second opening of Attribute detail dialog causes "Error: Invalid Argument"
ENTESB-3215	IOException after uninstallation of a bundle in hawtio
ENTESB-3241	hawtio-1.4.0.redhat-6-2-x hawtio-web build fails on AIX, HPUX, Solaris
ENTESB-3243	hawtio-1.4.0.redhat-6-2-x build fails on Windows in hawtio-api-docs
ENTESB-3271	Disable the camel-swagger feature
ENTESB-3316	Hawtio - fabric/api/wadl - can't invoke REST endpoint
ENTMQ-1007	login page A-MQ logo div not wide enough
ENTMQ-675	Hawtio does not enforce the "admin" role with LDAP JAAS realms.
ENTMQ-873	Hawtio refreshes the whole TreeView object representing broker when operations creation/deletion/purging of a queue of a queue/topic are executed, resulting in a collapsed tree
FABRIC-1186	incorrect property resolver causes Fabric completely unusable

4.6. OPENSIFT ENTERPRISE CARTRIDGES - 6.2.0

Table 4.6, "Issues in OpenShift Enterprise Cartridges Resolved in 6.2.0" lists the issues resolved in version 6.2.0.

Table 4.6. Issues in OpenShift Enterprise Cartridges Resolved in 6.2.0

Issue	Description
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Issue	Description
ENTESB-1935	Logging configuration is inconsistent
ENTESB-1952	OSE PortMapper does not translate tls ports
ENTESB-2239	Artifacts downloaded even when in local system repo
ENTESB-2289	OSE "Insufficient roles/credentials for operation" in hawt.io
ENTESB-2308	OSE mq-amq profile Bean name 'addressPolicy' is already used in this <beans> element
ENTESB-2309	mq-base profile ssl-broker.xml#openshift file uses OPENSIFT_FUSE_AMQ_PORT instead of OPENSIFT_FUSE_OPENWIRE_PORT
ENTESB-2321	[OSE][6.2]Show 'RED HAT JBOSS A-MQ management console' when visiting fuse's management console
ENTESB-2328	Can't create .karaf dir for command history on OSE
ENTESB-2376	OSE Regression: PortMapper does not translate CXF ports anymore
ENTESB-2469	OSE profiles using blueprint:profile:camel.xml "org.apache.xalan.processor.TransformerFactoryImpl not found"
ENTESB-2653	[OSE] [6.1] WARN apache.activemq.util.IdGenerator could not generate unique stub by using DNS and binding to local port: java.net.BindException Permission denied
ENTESB-2654	[OSE] [6.1.R2] containers downloading patch jars from fabric master
ENTESB-2750	Patches are applied in arbitrary order
ENTESB-2755	[OSE] [6.1.R2P1] [AMQ] AMQ gear creation takes too long
ENTESB-2770	[OSE][6.2]AMQ6.2 and AMQ6.1 should allow to be installed together in OSE
ENTESB-2784	[OSE] first fuse gear creation failure causes all other attempts in the same domain to fail
ENTESB-2971	[OSE] [6.2] karaf-\${karaf.name}.log file doesn't contain runtime log messages
ENTESB-3190	[OSE] [6.2] creation of additional openshift fuse containers fails
ENTESB-3363	[OSE] [6.2] Creating another fuse openshift app in the same domain doesn't join into fabric
ENTESB-3364	[OSE] [6.2] fusebuilder example cannot be built " Could not find artifact org.jboss.quickstarts.fuse:jboss-quickstarts-fuse-parent"

CHAPTER 5. ENHANCEMENTS

5.1. GENERAL - 6.2.0

Table 5.1, “General Enhancements in 6.2.0” lists the enhancements in version 6.2.0.

Table 5.1. General Enhancements in 6.2.0

Enhancement	Description
ENTESB-1491	Develop RBAC configuration files for JMX and Command Shell
ENTESB-1556	Align dependency versions
ENTESB-1709	Strip out Fabric8 features that are not required for Fuse
ENTESB-2124	Decide on layout for quickstart dir
ENTESB-2142	provide default A-MQ authorization settings to comply with newly introduced RBAC in fuse 6.2
ENTESB-2169	Add 6.2 quickstarts to JBoss Developer
ENTESB-2184	Reorganise 6.2 kits to decouple fabric
ENTESB-2688	Integration tests for quickstarts
ENTESB-2788	Only ship the Weld CDI impl in Fuse 6.2
ENTESB-3013	SAP component should provide metadata like camel-catalog does
ENTESB-3068	Update version in quickstart READMEs
ENTESB-3069	Add README for custom quickstart
ENTESB-3076	Add SwitchYard (Karaf) into main Fuse kit
ENTESB-3100	Fuse 6.2 kit is missing EULA
ENTESB-3112	Disable Karaf full build
FABRIC-730	create a smoke test to ensure that all features in all the various fabric / amq / esb feature files can be installed

5.2. MESSAGING - 6.2.0

Table 5.2, “Messaging Enhancements in 6.2.0” lists the enhancements in version 6.2.0.

Table 5.2. Messaging Enhancements in 6.2.0

Enhancement	Description
ENTMQ-1024	In the logs add remote IP address in case of authentication failure
ENTMQ-673	Please add an additional check to slave broker to check if lock file exists
ENTMQ-809	Update ActiveMQ RAR to take TLS parameters truststore/keystore details and use TLS when they are present
ENTMQ-948	Support Jasypt encryption in Spring XML files, particularly etc/broker.xml
ENTMQ-981	ensure all connections to broker timeout if not used.
AMQ-2354	Default the ServerUrl to vm://brokerName?create=false when an embedded broker is specified with brokerXmlConfig
AMQ-2388	improve logging configuration for broker & examples
AMQ-4399	jdbcPersistenceAdapter takes a long time to shutdown, causing journal recovery
AMQ-4818	Update JMX views for transport connector
AMQ-4999	Disable jar indexing
AMQ-5015	Temp Queue gets deleted on close of wrong connection
AMQ-5122	Unnecessary log of Stacktrace within DiscoveryNetworkConnector
AMQ-5171	Boreker configured as zeroconf service is not discovered by Bonjour browser running in ios
AMQ-5175	exclude bouncycastle dependency from unit tests run
AMQ-5183	Switch to using Proton's Event logic for detecting AMQP state changes
AMQ-5209	Add additional properties to advisory for consumed, delivered and discarded
AMQ-5229	Queue; be able to pause/resume dispatch of message to all consumers
AMQ-5231	Failover Transport timeout option causes connection failures in some cases where it shouldn't
AMQ-5239	Enable access to BrokerService instances
AMQ-5289	Track forwards across a network in destination statistics
AMQ-5290	MQTT clients using durable subscriptions on networked brokers received duplicates

Enhancement	Description
AMQ-5294	Unify client and sampler timings in activemq-perf-maven-plugin
AMQ-5301	Destination should not have numerical suffix for single-dest perf tests
AMQ-5305	runtime configuration - allow changes to <destinations> configuration elements
AMQ-5308	MQTT NIO and NIO+SSL transports can be slow when reading in larger messages
AMQ-5312	activemq-pool - Should not log expired connection when the pool is stopped as that causes log floods during shutdown
AMQ-5346	Update Proton to version 0.8
AMQ-5371	ignoreNetworkConsumers should be available in AbortSlowConsumerStrategy
AMQ-5378	Ini-script refactoring: setup function seems to be broken, removal of unnecessary files, fix various problems
AMQ-5402	enable support for using byte values in destination type annotations
AMQ-5405	Update the AMQP JMS client used in tests from 0.26 to 0.30
AMQ-5406	Support of jms.consumerExpiryCheck=false to avoid JMS Consumers ignoring some messages in case of out-of-synch clocks
AMQ-5436	Performance Test does not cater for temporary destinations
AMQ-5464	enable use of 'Configuration' TerminusDurability to signal a DurableSubscription
AMQ-5479	bin/activemq batch script error message prints wrong variable
AMQ-5480	Provider fine-grained control for SelectorManager's threadpool
AMQ-5481	Trace logs in MQTT Protocol Converter
AMQ-5495	ActiveMQSslConnectionFactory should support different keystore and key passwords
AMQ-5499	Add means to dynamically allocate port number for integration testing using maven plugin
AMQ-5505	Add support for the BrokerView MBean to get the up-time in milliseconds
AMQ-5515	upgrade to jetty 8
AMQ-5521	Average message size attribute on destination mbean should not have decimals

Enhancement	Description
AMQ-5523	Average message size attribute on statistics plugin should not have decimals
AMQ-5526	upgrade to karaf 2.4.1
AMQ-5530	Change default mqtt subscription prefetch
AMQ-5541	Support preemptive redelivery flag for non persistent messages
AMQ-5573	Configurable messages size for Stomp producer
AMQ-5578	preallocate journal files
AMQ-5587	AMQP shutdown transport if no connection attempt received after a configurable delay.
AMQ-5589	AMQP Module tests run much longer than necessary.
AMQ-5590	Reduce the time to run STOMP tests where possible.
AMQ-5591	AMQP Implement the JMS Mapping spec as it evolves.
AMQ-5607	MQTT Tests can be sped up with some minimal changes
AMQ-5614	Support message expiration in DLQ
AMQ-5616	Declare variables as ConcurrentMap not ConcurrentHashMap to avoid issues after compiling on Java 8
AMQ-5621	Unit tests cleanup
AMQ-5636	Upgrade the bundled DBCP component. The current one is very old and buggy.
AMQ-5639	Allow advisory messages to traverse a broker network
AMQ-5640	negative TotalMessageCount in JMX Broker MBean
AMQ-5642	Add ActiveMQXAConnectionFactory to ra.xml
AMQ-5656	Support selective MBean creation
AMQ-5657	Upgrade to Camel 2.15.0
AMQ-5672	Add an option to virtual topic selector cache to enforce only a single selector at a given time
AMQ-5693	Expose camel component meta model like camel-catalog does

Enhancement	Description
AMQ-5709	Logging of "Database ... is locked" should be done on level DEBUG
AMQ-5719	Add clientId and subscriptionName to all durable-related exceptions and log messages within TopicRegion
AMQ-5734	Support MQTT 3.1 silent subscription fail
AMQ-5737	AMQP: Receiver uses case sensitive string compare to lookup transformer.
AMQ-5750	Add exception handler to TaskRunnerFactory
AMQ-5754	Disable /filesaver feature by default
AMQ-5755	Add some tests for STOMP over WebSockets and fix and improve close handling
AMQ-5760	ActiveMQ - Output url to the rest api when starting AMQ
AMQ-5768	Exclude Advisory Topics from expired message processing.
AMQ-5772	Improve removeConnection()
AMQ-5794	Cleanup connections that open but don't initiate a protocol handshake.
AMQ-5795	AMQP: Allow delivery transformer to fallback to lower level transformer when transformation fails
AMQ-5799	AMQP: Return a more complete Source when client looks up an existing durable subscription
AMQ-3758	Recover scheduler database option
AMQ-5008	Support for certificate revocation checking (with patch)
AMQ-5176	Support building ActiveMQ using Java 8 JDK
AMQ-5213	Allow for changing logger levels via JMX
AMQ-5218	Provide a way to export/import destinations created during runtime
AMQ-5271	Add an in-memory JobSchedulerStore implementation
AMQ-5351	Create a Camel routes plugin to load routes dynamically into the broker
AMQ-5391	Support for anonymous style producers in AMQP

Enhancement	Description
AMQ-5458	MBean to help testing replicated levelDB
AMQ-5491	Standalone Web console Session timeout with user/password input
AMQ-5558	Make some activemq jar executable and able to send/receive messages
AMQ-5630	Provide a way to disable durable subscriptions from configuration.
AMQ-5757	AMQP: Add support for heartbeats and inactivity monitoring.
AMQ-5771	In the logs add remote IP address in case of authentication failure
AMQ-5776	Implement and test maxFrameSize across all protocols
AMQ-5366	Upgrade to Camel 2.14
AMQ-5596	Remove the deprecated JMS streams code
AMQ-5699	AMQP: Update to released Proton-J 0.9.1
AMQ-5707	AMQP: Investigate the affect of abort slow consumer strategy on sender links
ENTESB-1556	Align dependency versions

5.3. CONTAINER - 6.2.0

Table 5.3, “Container Enhancements in 6.2.0” lists the enhancements in version 6.2.0.

Table 5.3. Container Enhancements in 6.2.0

Enhancement	Description
KARAF-1080	Spring feature repo for spring related features
KARAF-1563	Support clean-all & clean-cache directly in karaf main jar
KARAF-1989	Add CXF DOSGi feature uri to org.apache.karaf.features.repos.cfg
KARAF-1990	Add Cellar feature URI in org.apache.karaf.features.repos.cfg
KARAF-2017	Service wrapper should use and populate JAVA_HOME in conf file
KARAF-2024	add @id for org.ops4j.pax.url.mvn.repositories urls
KARAF-2043	Document caveats of Pax Url Wrap when used in Karaf Shell

Enhancement	Description
KARAF-2049	Instructions in welcome screen is a bit misleading with hit
KARAF-2072	Spelling correction
KARAF-2094	Include howto add additional jvm configurations (if using the wrapper) to the documentation
KARAF-2097	endorse stax-api spec jar
KARAF-2108	a feature depend itself will cause stackoverflow error
KARAF-2119	upgrade pax.base to 1.4.0
KARAF-2163	Add a jre-1.8 to jre.properties
KARAF-2175	Add the sonatype standard snapshot repository to the karaf repositories
KARAF-2230	Watch command - Add option to control if the console should clear or not
KARAF-2273	Turn blueprint as synchronous by default
KARAF-2290	should also endorse activation-api spec jar
KARAF-2298	Karaf shell option for a "transient" bundle stop
KARAF-2320	make kar deployer/service to support NoAutoRefreshBundles option
KARAF-2360	Add password option to admin:connect and ssh:ssh commands
KARAF-2449	Include heap dump in the zip created by dev:create-dump
KARAF-2453	Using features to extend existing configuration
KARAF-2499	Karaf should exit if the data directory is deleted
KARAF-2500	Karaf should monitor the lock file existence
KARAF-2501	Break some bundle dependencies in the console
KARAF-2517	Add Spring or Blueprint state in the BundleMBean
KARAF-2535	Introduce blueprint-web feature
KARAF-2569	Introduce KARAF_ETC env variable
KARAF-2609	Provides etc/org.apache.karaf.kar.cfg file in the distribution

Enhancement	Description
KARAF-2610	Update the comments in etc/users.properties (to include changes on groups/roles)
KARAF-2637	Optimize the kar deployer to not read/write the status every time a bundle changes
KARAF-2638	Speed up karaf startup a bit by setting the specs timeout to 0
KARAF-2639	Provide a way to configure ciphers and macs and use only the secured one by default
KARAF-2649	Add Spring Security features
KARAF-2660	Upgrade to javax.annotation 1.2.0
KARAF-2666	Provide hibernate features
KARAF-2691	Karaf shell info command to display the pid
KARAF-2700	Upgrade to Felix Metatype 1.0.10
KARAF-2746	Hibernate feature enhancements
KARAF-2749	BundleSelector should be more "selective"
KARAF-2751	Add Hibernate-Validator feature
KARAF-2791	AddFeaturesToRepoMojo should support read version from dependency features
KARAF-2801	Fix camel-extras features repository URL
KARAF-2832	Fix exception when using the features-maven-plugin with non osgi compliant features version
KARAF-2842	Add an option to feature:install to install the bundles without starting it
KARAF-2855	The config:list command should sort configurations and properties
KARAF-2857	Add Solaris x86_64 support to wrapper
KARAF-2883	Use better version range in Spring features
KARAF-2916	Add fully qualified DN replacement for role search
KARAF-2918	Provide ability to set a banner prior to user login via ssh
KARAF-2921	bin/karaf selecting the wrong Java VM on a computer with Java 8 installed

Enhancement	Description
KARAF-2941	Let jdbc be more robust against broken data sources
KARAF-2974	Mentioning of version number delimiter missing in obr:deploy command help
KARAF-2978	RBAC-- recognize group configuration when use Publickey to Login
KARAF-2984	Improve setenv script to include placeholder for extra java options
KARAF-2995	RBAC - the shell command acl configuration modification can't take effect unless we restart the Karaf server
KARAF-3001	RBAC - MBean Server RBAC guard should support wildcard role
KARAF-3002	RBAC-add a jmx.acl.whitelist so that all ObjectName in this list will bypass the RBAC
KARAF-3020	RBAC-put "type" right after the domain when generate the PID from JMX ObjectName
KARAF-3022	RBAC - support the JMX operation match starts with a wildcard
KARAF-3024	RBAC - Support wildcard in jmx.acl.....cfg filename
KARAF-3029	Support encryption of Maven repo passwords
KARAF-3041	Provide additional helper methods in OsgiCommandSupport
KARAF-3042	Add a variable (false by default) to enable redirect to karaf.out
KARAF-3073	Add jvisualvm config in monitoring documentation
KARAF-3075	AdminService should avoid writing file in case just read instance status
KARAF-3111	Instance/Admin Service should provide more options as part of instance settings
KARAF-3112	make stopTimeout of AdminService configurable
KARAF-3119	Do not allow empty passwords by default for ldap
KARAF-3124	Provide shell:env command
KARAF-3125	Add a possibility to cache LDAP credentials
KARAF-3126	add more specific completer for admin:start stop command
KARAF-3130	add admin:change-ssh-host command

Enhancement	Description
KARAF-3134	Log executed shell commands at debug level
KARAF-3164	Document exposing JAAS BackendEngineFactory services for the login module
KARAF-3166	Add SyncopeLoginModule (including backend)
KARAF-3199	Tone down system out logging when creating child instances
KARAF-3222	Command description for osgi:shutdown could be improved
KARAF-3246	Rename jpa features as jpa/jpa20 and jpa21
KARAF-3255	Document jasypt property placeholder
KARAF-3268	remove karaf.admin.role
KARAF-3293	more fine-grained way to specify the jmx.acl.whitelist.cfg
KARAF-3367	add additional configuration options when use wrapper:install
KARAF-3372	only register HUP signal handler for non-windows platform
KARAF-3403	bin/client Utility Throws ArrayIndexOutOfBoundsException
KARAF-3433	when OBR resolver to resolve the bundles in a given feature, it should also take the dependency feature bundles into account
KARAF-3446	avoid Karaf client script "logout" command throwing an exception
KARAF-3500	NPE throws when executing "bin/client shutdown"
KARAF-3513	JMXConnectorServer should be able to pick up the new KeystoreInstance available in container
KARAF-3576	Optimize GuardProxyCatalog#getServiceInvocationRoles
KARAF-3577	Optimize SecuredCommandConfigTransformer#generateServiceGuardConfig
KARAF-3583	Add option to configure log level in the client script
KARAF-3673	Align classmate version between hibernate and hibernate-validator features
KARAF-448	Make scanning for MANIFEST.MF in jar consistent between osgi:install and feature:install
KARAF-1718	Add support for support for conditional bundle and feature definition inside features

Enhancement	Description
KARAF-2044	Provide the ability to edit text resources from the Karaf shell
KARAF-2078	Create the shell:date command
KARAF-2164	Create shell:wc command
KARAF-2185	Provide Spring 3.2.x support
KARAF-2370	Add alias command
KARAF-2372	Introduce boot features sync mode property (true false)
KARAF-2567	Add support for JAAS groups - backport to 2.x
KARAF-2568	Add Role-based access to JMX - backport to 2.x
KARAF-2642	CLONE - Provide additional enterprise features
KARAF-2658	Include Pax CDI 0.6.0 repository in Karaf enterprise features
KARAF-2848	Add MSSQL datasource type
KARAF-2917	Command to display bundle id
KARAF-3058	add backing engine service for org.apache.karaf.jaas.modules.publickey.PublickeyLoginModule
KARAF-3104	Add the connector feature from ServiceMix
KARAF-3205	Refactor create-dump to be more low level
KARAF-3207	Provide an audit login module
KARAF-3579	bundles in etc/startup.properties shouldn't be uninstalled through feature service
KARAF-3592	Add jaas commands to create group and list group
KARAF-979	access control for shell commands
ENTESB-1556	Align dependency versions
ENTESB-2402	Upgrade Hibernate version
ENTESB-2483	Strip unsupported spring versions out of karaf 2.4

Enhancement	Description
ENTESB-2508	Update pax cdi version to 0.10.0
ENTESB-2788	Only ship the Weld CDI impl in Fuse 6.2
ENTESB-2833	Get rid of the felix web console
ENTESB-3169	Upgrade to Jetty 8.1.17
KARAF-1934	Release Apache Karaf 2.3.1
KARAF-2076	Add a pojoser unit test to validate that we can use OSGI Config Admin with value encrypted (JAAS - Jasypt)
KARAF-2083	Remove icu4j dependency
KARAF-2129	more svn:ignores settings
KARAF-2161	Incorrect LGPL license info in Notices file
KARAF-2165	Create karaf-2.x branch
KARAF-2222	Add hawtio to features.repos
KARAF-2336	Remove karaf-pax-exam and use pax-exam for itests
KARAF-2413	Add features:chooseurl for camel-extra
KARAF-2934	Role-based security for Shell/Console commands - backport to 2.x branch
KARAF-3231	Release Apache Karaf 2.4.0
KARAF-3464	Upgrade to Pax CDI 0.11.0
KARAF-1948	Upgrade to Apache POM 11
KARAF-1955	Upgrade to ServiceMix Specs 2.2.0
KARAF-1981	Upgrade to Felix ConfigAdmin 1.6.0
KARAF-2002	Upgrade to Pax Web 1.1.6
KARAF-2015	Upgrade to Pax Web 1.1.7
KARAF-2036	Upgrade to Pax Web 1.1.9

Enhancement	Description
KARAF-2055	Upgrade to Apache POM 12
KARAF-2061	Upgrade to commons-codec 1.7
KARAF-2063	Upgrade to Felix EventAdmin 1.3.2
KARAF-2064	Upgrade to Felix Metatype 1.0.6
KARAF-2065	Upgrade to Felix SCR 1.6.2
KARAF-2068	Upgrade to ASM 4.1
KARAF-2079	upgrade to pax web 1.1.10
KARAF-2080	Upgrade to slf4j 1.7.2
KARAF-2081	Upgrade to JUnit 4.11
KARAF-2088	Upgrade to Jetty 7.6.8.v20121106
KARAF-2147	Upgrade to Aries JMX 1.1.1
KARAF-2148	Upgrade to Aries Proxy 1.0.1
KARAF-2149	Upgrade to Aries Blueprint Core 1.1.0
KARAF-2150	Upgrade to Aries Blueprint CM 1.0.1
KARAF-2157	Upgrade to Aries Util 1.1.0
KARAF-2162	Upgrade to Pax Web 1.1.12
KARAF-2177	Upgrade to Felix Framework 4.2.1
KARAF-2197	Upgrade to JLine 2.10
KARAF-2208	Upgrade to Aries JPA Blueprint 1.0.1
KARAF-2232	Upgrade to Aries Blueprint Core 1.2.0
KARAF-2235	Upgrade to Pax-Web 2.1.x and Jetty 8
KARAF-2279	Upgrade to OSGi Core 5.0.0
KARAF-2293	Upgrade to Pax Web 2.1.3

Enhancement	Description
KARAF-2327	Upgrade to commons-codec 1.8
KARAF-2328	Upgrade to guava 14.0.1
KARAF-2329	Upgrade to jline 2.11
KARAF-2330	Upgrade to Aries Transaction Blueprint 1.0.1
KARAF-2331	Upgrade to XBean 3.13
KARAF-2332	Upgrade to jansi 1.11
KARAF-2333	Upgrade to Pax SwissBox 1.6.0
KARAF-2334	Upgrade to slf4j 1.7.5
KARAF-2337	Upgrade to Apache POM 13
KARAF-2350	Upgrade to Pax Web 2.1.4
KARAF-2383	Upgrade to XBean 3.14
KARAF-2389	Upgrade to commons-compress 1.5
KARAF-2393	Upgrade to Felix Maven Bundle plugin 2.4.0
KARAF-2394	Upgrade to Felix WebConsole 4.2.0
KARAF-2398	Upgrade to ServiceMix cglib bundle 3.0_1
KARAF-2422	Upgrade to Pax Exam 3.2.0
KARAF-2510	Upgrade to Aries Blueprint CM 1.0.2
KARAF-2534	Upgrade to aries-proxy-impl 1.0.2, blueprint-core 1.3.0 and blueprint-cm 1.0.3
KARAF-2554	Upgrade to Felix ConfigAdmin 1.8.0
KARAF-2555	Upgrade to Felix Metatype 1.0.8
KARAF-2556	Upgrade to Pax Web 3.0.x
KARAF-2559	Upgrade to Felix SCR 1.8.0
KARAF-2560	Upgrade to Felix Utils 1.4.0

Enhancement	Description
KARAF-2564	Upgrade to Felix WebConsole Event plugin 1.1.0
KARAF-2565	Upgrade to OSGi Compendium 5.0.0
KARAF-2579	Upgrade to Pax Exam 3.3.0
KARAF-2582	Upgrade to json 20131018
KARAF-2583	Upgrade to ServiceMix Specs 2.3.0
KARAF-2584	Upgrade to XBean 3.16
KARAF-2590	Upgrade to Pax Exam 3.4.0
KARAF-2608	Upgrade to Pax Web 3.0.5
KARAF-2643	Upgrade to Felix FileInstall 3.2.8
KARAF-2644	Upgrade to Felix Utils 1.4.2
KARAF-2661	Upgrade to ServiceMix Specs 2.4.0
KARAF-2681	Upgrade to Pax Web 3.0.6
KARAF-2693	Upgrade to Pax Logging 1.7.2
KARAF-2695	Upgrade to commons-codec 1.9
KARAF-2697	Upgrade to Aries Blueprint Core 1.4.0
KARAF-2702	Upgrade to bndlib 2.2.0
KARAF-2703	Upgrade to maven-assembly-plugin 2.4
KARAF-2704	Upgrade to maven-compiler-plugin 3.1
KARAF-2705	Upgrade to maven-dependency-plugin 2.8
KARAF-2706	Upgrade to maven-deploy-plugin 2.8.1
KARAF-2708	Upgrade to maven-enforcer-plugin 1.3.1
KARAF-2709	Upgrade to maven-idea-plugin 2.2.1
KARAF-2711	Upgrade to maven-javadoc-plugin 2.9.1

Enhancement	Description
KARAF-2713	Upgrade to maven-jxr-plugin 2.4
KARAF-2714	Upgrade to maven-project-info-reports-plugin 2.7
KARAF-2715	Upgrade to maven-release-plugin 2.4.2
KARAF-2716	Upgrade to maven-remote-resources-plugin 1.5
KARAF-2717	Upgrade to maven-resources-plugin 2.6
KARAF-2718	Upgrade to maven-shade-plugin 2.2
KARAF-2719	Upgrade to maven-site-plugin 3.3
KARAF-2720	Upgrade to maven-source-plugin 2.2.1
KARAF-2721	Upgrade to maven-surefire-report-plugin 2.16
KARAF-2722	Upgrade to maven-war-plugin 2.4
KARAF-2723	Upgrade to maven-rat-plugin 0.10 and fix rat issues
KARAF-2724	Upgrade to build-helper-maven-plugin 1.8
KARAF-2733	Upgrade to commons-beanutils 1.9.1
KARAF-2736	Upgrade to Aries Transaction Manager 1.1.0
KARAF-2737	Upgrade to Felix SCR 1.8.2
KARAF-2769	Upgrade to Pax CDI 0.7.0
KARAF-2813	Use EventAdmin to provide an audit trail of events, but it's lacking the authenticated Subject who performed the action
KARAF-2816	upgrade to spring 3.2.8.RELEASE
KARAF-2853	Upgrade to Apache POM 14
KARAF-2860	Upgrade to Felix Framework 4.4.0/Felix Framework Security 2.4.0
KARAF-2861	Upgrade to ASM 5.0.3
KARAF-2866	Upgrade to Pax Web 3.0.7

Enhancement	Description
KARAF-2868	Upgrade to aries jmx core 1.1.2
KARAF-2874	Upgrade to XBean 3.18
KARAF-2889	Upgrade to Equinox 3.9.1-v20140110-1610
KARAF-2906	Upgrade to fileinstall 3.4.0
KARAF-2932	Upgrade to Felix WebConsole 4.2.2
KARAF-2933	Upgrade to Jasypt 1.9.2
KARAF-2936	Upgrade to slf4j 1.7.7 / Pax Logging 1.7.3
KARAF-2937	Upgrade to json 20140107
KARAF-2945	Upgrade to Aries Proxy 1.0.3 and Aries spifly 1.0.1 in order to support ASM5 and Java8
KARAF-3028	Update Pax Web dependency to 3.1.1
KARAF-3031	Upgrade to Pax URL 2.1.0
KARAF-3046	Upgrade to gogo runtime 0.12.1
KARAF-3101	Upgrade to Spring 4.0.5.RELEASE
KARAF-3106	Upgrade to blueprint core 1.4.1
KARAF-3107	Upgrade to maven-bundle-plugin 2.5.0
KARAF-3109	Upgrade to Pax Exam 4.0.0
KARAF-3110	Upgrade to felix utils 1.6.0
KARAF-3116	Upgrade to Felix Framework 4.4.1
KARAF-3120	Upgrade to Aries JPA 1.0.2
KARAF-3131	Upgrade to Hibernate 4.2.15.Final/4.3.6.Final
KARAF-3140	Upgrade to sshd 0.12.0
KARAF-3156	Upgrade to Pax CDI 0.8.0
KARAF-3157	Upgrade to Pax Exam 4.1.0

Enhancement	Description
KARAF-3182	Upgrade to Felix EventAdmin 1.4.0
KARAF-3183	Upgrade to bndlib 2.3.0
KARAF-3185	Upgrade to Felix BundleRepository 2.0.2
KARAF-3191	Upgrade to Pax Web 3.1.2
KARAF-3198	Cleanup Pax Swissbox dependencies
KARAF-3201	Upgrade to pax-logging 1.7.4
KARAF-3206	Upgrade to ConfigAdmin 1.8.0
KARAF-3226	Upgrade to Spring 4.0.7.RELEASE
KARAF-3227	Upgrade to Spring 3.2.11.RELEASE
KARAF-3229	Upgrade to Felix EventAdmin 1.4.2
KARAF-3233	Upgrade to Pax Exam 4.2.0
KARAF-3243	Upgrade to Pax URL 2.2.0
KARAF-3265	Upgrade to Aries Blueprint CM 1.0.5
KARAF-3281	Upgrade to Pax Logging 1.8.0 (log4j v2 support)
KARAF-3291	Upgrade to Pax Exam 4.3.0
KARAF-3305	Upgrade to Aries Blueprint Core 1.4.2
KARAF-3306	Upgrade to Aries JNDI API 1.1.0
KARAF-3308	Upgrade to Aries Proxy Impl 1.0.4
KARAF-3309	Upgrade to Felix Maven Bundle Plugin 2.5.3
KARAF-3322	Upgrade to exec-maven-plugin 1.3.2
KARAF-3470	Upgrade to Pax Exam 4.4.0
KARAF-3510	Upgrade to pax-web 3.1.4
KARAF-3586	Upgrade to pax-logging 1.8.2

Enhancement	Description
KARAF-3587	Upgrade to pax-url 2.4.0
KARAF-3591	Upgrade to pax-web 3.2.0
KARAF-3594	Upgrade to Aries JMX Core 1.1.3
KARAF-3595	Upgrade to Aries Transaction JDBC 2.1.1
KARAF-3598	Upgrade to bundlerepository 2.0.4
KARAF-3599	Upgrade to configadmin 1.8.2
KARAF-3600	Upgrade to felix utils 1.8.0
KARAF-3657	Upgrade to ServiceMix Specs 2.5.0
KARAF-3678	Upgrade to Pax Web 3.2.2
KARAF-3724	Upgrade to Pax Web 3.2.3

5.4. FUSE FABRIC - 6.2.0

Table 5.4, “Fabric Enhancements in 6.2.0” lists the enhancements in version 6.2.0.

Table 5.4. Fabric Enhancements in 6.2.0

Enhancement	Description
ENTESB-1070	Ability for JBoss Fuse patch to notify user if prerequisite patch is required
ENTESB-1364	Jasypt-Spring is no longer included in Servicemix Jasypt bundle
ENTESB-1535	Patching process doesn't update scripts stored in bin directory
ENTESB-1897	Add PortMapper to Fuse e.g., to map between public and private ports in OpenShift
ENTESB-2104	Increase Permgen from 128m to 256m
ENTESB-2258	Please, display 'no' in the 'connected' status of container in karaf-console when container is not connected
ENTESB-2634	Add jaas commands to create group and list group
ENTESB-2678	container-create-ssh should zip up current distro rather than shipping fabric8-karaf distro

Enhancement	Description
ENTESB-2705	Appending value to property in default profile breaks property file
ENTESB-2724	avoid the race condition for alternateAddressList in FabricLoadBalanceStrategySupport
ENTESB-2962	Add a test client for the camel-cxf-code-first and camel-cxc-contract-first quickstarts
ENTESB-846	Configure Xalan to be faster out of the box for faster XPath for our end users
FABRIC-1040	Maven Proxy Download should follow redirects
FABRIC-1049	profile jboss-fuse-full should include the necessary features to get the API console for CXF services
FABRIC-1054	Change the form of multi-valued options to singular - they are specified multiple times
FABRIC-1056	Move fabric:export/import commands to zk: namespace
FABRIC-171	fabric-maven-proxy fails to download artifacts when is behind an proxy server
FABRIC-479	Fuse Fabric should have option to change ensemble password easily.
FABRIC-780	Fabric agent doesn't use http proxy settings for maven connections
ENTESB-1424	Ability to control Java options from the FMC
ENTESB-2093	openshift:application-create supports to create scaling application and support region feature
ENTESB-2398	[RH-Support] support:check
SF-461	make it easy to enable swagger on an existing CXF restful service
ENTESB-1556	Align dependency versions
ENTESB-1709	Strip out Fabric8 features that are not required for Fuse
ENTESB-1861	Remove Camel-infinispan from Fuse kits
ENTESB-2124	Decide on layout for quickstart dir
ENTESB-2169	Add 6.2 quickstarts to JBoss Developer
ENTESB-2217	Use Camel features from Camel distribution
ENTESB-2583	Remove the HAProxy gateway

Enhancement	Description
ENTESB-2638	Disable minimal / medium kits in Perfectus
ENTESB-2686	Integration tests for standalone patching mechanism
ENTESB-3169	Upgrade to Jetty 8.1.17
FABRIC-1057	Build and test Fabric with JDK 8
FABRIC-1074	Suggested text change for website Getting Started section
FABRIC-1158	Review info/debug logging content
FABRIC-1195	Remove dependency on Gravia
FABRIC-736	Identify modules that are not reverse reachable and receive no test coverage
FABRIC-764	Reduce set of publicly exposed API in Tomcat
FABRIC-819	Provide initial set of portable fabric smoke tests
FABRIC-820	Provide in-process access to fabric commands
FABRIC-951	Migrate commands to SCR
FABRIC-967	Remove the amq, esb, jdk7 profiles
FABRIC-968	Managed Karaf Container should use java instead of bin/karaf
FABRIC-982	Remove usage of service proxy and command retry from test support layer
FABRIC-987	Remove pax-exam based smoke tests

5.5. MANAGEMENT CONSOLE - 6.2.0

Table 5.5, “Enhancements in 6.2.0” lists the enhancements in 6.2.0.

Table 5.5. Enhancements in 6.2.0

Enhancement	Description
ENTESB-1230	Propose a more generic warning message when we can't produce to a endpoint
ENTESB-1438	REST example - Shows stacktrace in swagger ui when testing get non existing customer

Enhancement	Description
ENTESB-1522	UI support for the role based permissions
ENTESB-1542	Don't disable Log In button on login screen
ENTESB-1544	Console close/collapse hard to see
ENTESB-1545	Move to open sans font
ENTESB-1546	Show add/remove profiles as separate buttons in container page
ENTESB-1547	Improve loading of tab content on container page
ENTESB-1677	UI enhancements
ENTESB-1689	Make Install bundle field longer
ENTESB-1690	In hawtio in Services and Profiles views specify bundle name along with bundle id in using bundles..
ENTESB-1692	In Runtime->MQ layout brokers in table
ENTESB-1694	Create shading of profile list in Create container/add profiles to container similar as in in Wiki page
ENTESB-1733	[Fuse cartridge] Command container-create-child should be removed/hidden
ENTESB-1381	Input boxes of number type - checking for sensible input values
ENTESB-1409	Fabric - Runtime - MQ - Filter is case sensitive
ENTESB-1413	Fabric - Runtime - Registry: Separate directories in path by /
ENTESB-1424	Ability to control Java options from the FMC
ENTESB-3044	Camel Insight Gantt chart not showing correct details
ENTESB-1556	Align dependency versions
ENTESB-1742	Disable HawtIO patching
ENTESB-2206	Strip out HawtIO plugins that are not required for Fuse

CHAPTER 6. SUPPORTED CONFIGURATIONS

6.1. INFORMATION ON THE CUSTOMER PORTAL

For information about supported configurations, standards, and components in version 6.2, see the following Customer Portal articles:

- [Red Hat JBoss A-MQ Supported Configurations](#)
- [Red Hat JBoss A-MQ Supported Standards and Protocols](#)