



JBoss Operations Network 3.2 Development - Remote API

javadoc for the JBoss Operations Network remote API
Edition 3.2

Ella Deon Ballard

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Abstract

This is the javadoc of the JBoss Operations Network remote API, with a list of changes between releases of the API.

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Chapter 1. Javadocs

[Remote API](#)

[Agent Plug-in API](#)

Chapter 2. Changes from 3.1.2 to 3.2

2.1. Changed Class: RoleManagerRemote

Table 2.1. New Methods

New Method
<pre>void addBundleGroupsToRole(Subject subject, int roleId, int[] bundleGroupIds);</pre>
<pre>void addRolesToBundleGroup(Subject subject, int bundleGroupId, int[] roleIds);</pre>
<pre>void setAssignedBundleGroups(Subject subject, int roleId, int[] bundleGroupIds);</pre>
<pre>void removeBundleGroupsFromRole(Subject subject, int roleId, int[] bundleGroupIds);</pre>
<pre>void removeRolesFromBundleGroup(Subject subject, int bundleGroupId, int[] roleIds);</pre>

2.2. Changed Class: BundleManagerRemote

Table 2.2. New Methods

New Method
<pre>BundleFile addBundleFileViaURL(Subject subject, int bundleVersionId, String name, String version, Architecture architecture, String bundleFileUrl, String userName, String password) throws Exception;</pre>
<pre>void assignBundlesToBundleGroups(Subject subject, int[] bundleGroupIds, int[] bundleIds);</pre>

New Method

```
BundleGroup createBundleGroup(Subject subject, BundleGroup bundleGroup)
    throws Exception;
```

```
BundleVersion createInitialBundleVersionViaRecipe(Subject subject, int[]
    bundleGroupIds, String recipe)
    throws Exception;
```

```
BundleVersion createInitialBundleVersionViaFile(Subject subject, int[]
    bundleGroupIds, File distributionFile)
    throws Exception;
```

```
BundleVersion createInitialBundleVersionViaContentHandle(Subject subject,
    int[] bundleGroupIds,
    String temporaryContentHandle) throws Exception;
```

```
BundleVersion createInitialBundleVersionViaByteArray(Subject subject,
    int[] bundleGroupIds, byte[] fileBytes)
    throws Exception;
```

```
BundleVersion createInitialBundleVersionViaURL(Subject subject, int[]
    bundleGroupIds, String distributionFileUrl)
    throws Exception;
```

```
BundleVersion createBundleVersionViaURL(Subject subject, String
    distributionFileUrl, String username,
    String password) throws Exception;
```

```
BundleVersion createInitialBundleVersionViaURL(Subject subject, int[]
    bundleGroupIds, String distributionFileUrl,
    String username, String password) throws Exception;
```

```
void deleteBundleGroups(Subject subject, int[] ids) throws Exception;
```

```
PageList<BundleGroup> findBundleGroupsByCriteria(Subject subject,
    BundleGroupCriteria criteria);
```


New Method

```
Set<String> getBundleVersionFileNames(Subject subject, int
bundleVersionId, boolean withoutBundleFileOnly)
    throws Exception;
```

```
void unassignBundlesFromBundleGroups(Subject subject, int[] bundleGroupIds,
int[] bundleIds);
```

```
BundleGroup updateBundleGroup(Subject subject, BundleGroup bundleGroup)
    throws Exception;
```

Table 2.3. Removed Methods**Removed Method**

```
Map<String, Boolean> getAllBundleVersionFileNames(Subject subject, int
bundleVersionId) throws Exception;
```

2.3. New Class: StorageNodeManagerRemote**Table 2.4. New Methods****New Method**

```
StorageNodeLoadComposite getLoad(Subject subject, StorageNode node, long
beginTime, long endTime);
```

```
StorageNodeConfigurationComposite retrieveConfiguration(Subject subject,
StorageNode storageNode);
```

```
boolean updateConfiguration(Subject subject,
StorageNodeConfigurationComposite storageNodeConfiguration);
```

```
PageList<StorageNode> findStorageNodesByCriteria(Subject subject,
StorageNodeCriteria criteria);
```

```
PageList<Alert> findNotAcknowledgedStorageNodeAlerts(Subject subject);
```

New Method

```
PageList<Alert> findNotAcknowledgedStorageNodeAlerts(Subject subject,
StorageNode storageNode);
```

```
PageList<Alert> findAllStorageNodeAlerts(Subject subject);
```

```
PageList<Alert> findAllStorageNodeAlerts(Subject subject, StorageNode
storageNode);
```

```
void deployStorageNode(Subject ssubject, StorageNode storageNode);
```

```
void undeployStorageNode(Subject subject, StorageNode storageNode);
```

```
void runClusterMaintenance(Subject subject);
```

2.4. Changed Class: ConfigurationManagerRemote**Table 2.5. New Methods****New Method**

```
ageList<GroupPluginConfigurationUpdate>
findGroupPluginConfigurationUpdatesByCriteria(Subject subject,
GroupPluginConfigurationUpdateCriteria criteria);
```

```
PageList<GroupResourceConfigurationUpdate>
findGroupResourceConfigurationUpdatesByCriteria(Subject subject,
GroupResourceConfigurationUpdateCriteria criteria);
```

Table 2.6. Deprecated Methods**Deprecated Method**

```
GroupPluginConfigurationUpdate getGroupPluginConfigurationUpdate(Subject
subject, int configurationUpdateId);
```

Deprecated Method

```
GroupResourceConfigurationUpdate
getGroupResourceConfigurationUpdate(Subject subject, int
configurationUpdateId);
```

```
Configuration translateResourceConfiguration(Subject subject, int
resourceId, Configuration configuration,
boolean fromStructured) throws ResourceNotFoundException;
```

2.5. Changed Class: ContentManagerRemote**Table 2.7. New Methods****New Method**

```
String createTemporaryContentHandle();
```

```
void uploadContentFragment(String temporaryContentHandle, byte[] fragment,
int off, int len);
```

```
PackageVersion createPackageVersionWithDisplayVersion(Subject subject,
String packageName, int packageTypeId,
String version, String displayVersion, Integer architectureId, String
temporaryContentHandle);
```

Table 2.8. Changed Methods**Old Method**

```
byte[] getPackageBytes(Subject
user, int resourceId,
int installedPackageId);
```

Updated Method

```
byte[] getPackageBytes(Subject
subject, int resourceId, int
installedPackageId);
```

2.6. Changed Class: RepoManagerRemote**Table 2.9. New Methods**

New Method

```
byte[] getPackageVersionBytes(Subject subject, int repoId, int
packageVersionId);
```

2.7. Changed Class: DiscoveryBossRemote

Table 2.10. New Methods

New Method

```
void unignoreAndImportResources(Subject subject, int[] resourceIds);
```

2.8. Changed Class: MeasurementDataManagerRemote

Table 2.11. New Methods

New Method

```
MeasurementAggregate getMeasurementAggregate(Subject subject, int
scheduleId, long startTime, long endTime)
throws MeasurementException;
```

**Note**

The

org.rhq.enterprise.server.measurement.MeasurementDataManagerRemote#getAggregate class has been changed from **org.rhq.core.domain.measurement.MeasurementAggregate** to **org.rhq.enterprise.server.measurement.MeasurementAggregate**. This is the same class; only the package is different. Command-line scripts will be unaffected by this. For Java clients which depend on the EJB API, the clients **imports** should be updated and then recompiled.

Table 2.12. Removed Methods

Removed Method

```
MeasurementAggregate getAggregate(Subject subject, int scheduleId, long
startTime, long endTime);
```

Table 2.13. Deprecated Methods

Deprecated Method

```
org.rhq.enterprise.server.measurement.MeasurementAggregate
getAggregate(Subject subject, int scheduleId,
             long startTime, long endTime);
```

```
Set<MeasurementData> findLiveData(Subject subject, int resourceId, int[]
definitionIds);
```

```
Set<MeasurementData> findLiveData(Subject subject, int resourceId, int[]
definitionIds);
```

```
Set<MeasurementData> findLiveDataForGroup(Subject subject, int groupId,
int[] resourceIds, int[] definitionIds);
```

2.9. Changed Class: MeasurementScheduleManagerRemote

Table 2.14. Deprecated Methods

Deprecated Method

```
void disableMeasurementTemplates(Subject subject, int[]
measurementDefinitionIds);
```

2.10. Changed Class: OperationManagerRemote

Table 2.15. New Methods

New Method

```
ResourceOperationSchedule scheduleResourceOperationUsingCron(Subject
subject, int resourceId, String operationName,
String cronExpression, int timeout, Configuration parameters, String
description) throws ScheduleException;
```

New Method

```
GroupOperationSchedule scheduleGroupOperationUsingCron(Subject subject, int
groupId,
    int[] executionOrderResourceIds, boolean haltOnFailure, String
operationName, Configuration parameters,
    String cronExpression, int timeout, String description) throws
ScheduleException;
```

2.11. Changed Class: ResourceFactoryManagerRemote

Table 2.16. New Methods

New Method

```
CreateResourceHistory createPackageBackedResourceViaContentHandle(Subject
subject, int parentId,
    int newResourceId, String newName, Configuration
pluginConfiguration, String packageName,
    String packageVersion, Integer architectureId, Configuration
deploymentTimeConfiguration,
    String temporaryContentHandle, Integer timeout);
```

2.12. Changed Class: ResourceManagerRemote

Table 2.17. New Methods

New Method

```
void uninventryAllResourcesByAgent(Subject user, Agent doomedAgent);
```

```
void uninventryResourcesOfResourceType(Subject subject, int
resourceTypeId);
```

Table 2.18. Changed Methods

Old Method

```
Resource getResource(Subject
subject, int resourceId);
```

Updated Method

```
Resource getResource(Subject
subject, int resourceId) throws
ResourceNotFoundException,
PermissionException;
```

Old Method	Updated Method
<pre>Resource getParentResource(Subject subject, int resourceId);</pre>	<pre>Resource getParentResource(Subject subject, int resourceId) throws ResourceNotFoundException, PermissionException;</pre>

2.13. Changed Class: ResourceTypeManagerRemote

Table 2.19. New Methods

New Method
<pre>void setResourceTypeIgnoreFlagAndUninventoryResources(Subject subject, int resourceTypeId, boolean ignoreFlag);</pre>

2.14. Changed Class: ClusterManagerRemote

Table 2.20. Deprecated Methods

Deprecated Method
<pre>ResourceGroup createAutoClusterBackingGroup(Subject subject, ClusterKey clusterKey, boolean addResources);</pre>
<pre>ResourceGroup getAutoClusterBackingGroup(Subject subject, ClusterKey clusterKey);</pre>
<pre>List<Resource> getAutoClusterResources(Subject subject, ClusterKey clusterKey);</pre>
<pre>ClusterFlyweight getClusterTree(Subject subject, int groupId);</pre>

2.15. Changed Class: RoleManagerRemote

Table 2.21. Changed Methods

Old Method	Updated Method
<pre>ResourceGroupComposite getResourceGroupComposite(Subject subject, int groupId);</pre>	<pre>ResourceGroupComposite getResourceGroupComposite(Subject subject, int groupId) throws ResourceGroupNotFoundException;</pre>

2.16. Changed Class: GroupDefinitionManagerRemote

Table 2.22. New Methods

New Method
<pre>GroupDefinition createGroupDefinition(Subject subject, GroupDefinition newGroupDefinition) throws GroupDefinitionAlreadyExistsException, GroupDefinitionCreateException;</pre>
<pre>PageList<GroupDefinition> findGroupDefinitionsByCriteria(Subject subject, ResourceGroupDefinitionCriteria criteria);</pre>
<pre>void removeGroupDefinition(Subject subject, Integer groupId) throws GroupDefinitionNotFoundException, GroupDefinitionDeleteException;</pre>
<pre>GroupDefinition updateGroupDefinition(Subject subject, GroupDefinition updated) throws GroupDefinitionAlreadyExistsException, GroupDefinitionUpdateException, InvalidExpressionException, ResourceGroupUpdateException;</pre>
<pre>void calculateGroupMembership(Subject subject, int groupId) throws ResourceGroupDeleteException, GroupDefinitionDeleteException, GroupDefinitionNotFoundException, InvalidExpressionException;</pre>

Appendix A. Document History

Revision 3.2-2	January 13, 2014	Ella Deon Ballard
Rebuilding with the domain API.		
Revision 3.2-1	December 11, 2013	Ella Deon Ballard
Initial release for JBoss ON 3.2.		