

BlackBerry Web Services for Enterprise Administration

BlackBerry Enterprise Server
Version: 5.0.4



Release Notes

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New in this release

To view the API reference for the latest version of the BlackBerry Web Services, visit <http://docs.blackberry.com/BWS>.

Key issues

In the BlackBerry Web Services released with the BlackBerry Enterprise Server for Novell GroupWise 5.0.4, the `BWS.assignUsersToGroup` method and the `BWS.unassignUsersFromGroup` method did not function as expected. As a result, applications that called these methods, such as the BlackBerry Directory Sync Tool, could not assign user accounts to groups or remove user accounts from groups. (DT 5974875)

In the BlackBerry Web Services released with the BlackBerry Enterprise Server for Novell GroupWise 5.0.4 MR1, the `BWS.assignUsersToGroup` method and the `BWS.unassignUsersFromGroup` method function as expected.

New fields in classes

The following fields are new in the BlackBerry Web Services 5.0.4:

Class	New fields
<code>GetMailStoreUsersSearchCriteria</code>	<ul style="list-style-type: none"> <code>externalUserId</code> <code>mailboxID</code>
<code>GetUsersSearchCriteria</code>	<ul style="list-style-type: none"> <code>externalUserId</code>
<code>GetUsersSortBy</code>	<ul style="list-style-type: none"> <code>deviceactivecarrier</code>
<code>MailStoreUser</code>	<ul style="list-style-type: none"> <code>externalUserId</code>
<code>User</code>	<ul style="list-style-type: none"> <code>externalUserId</code>
<code>UserDetail</code>	<ul style="list-style-type: none"> <code>externalUserId</code>

Changes to error codes

The NULL_REQUEST error code has been added to all BWS and BWSUtil APIs.

Methods	Description of change
BWS.createUsers	The CANNOT_ADD_AUTHENTICATOR error code has been changed to CANNOT_ADD_AUTHENTICATOR_TO_USER.

BlackBerry Web Services fixed issues

If searchCriteria in BWS.getUsers contained an invalid UID, an UNKNOWN error message was returned. (DT 6005175)

In the BlackBerry Web Services 5.0.4, if searchCriteria contains an invalid UID, an INVALID_PARAMETER error message is returned.

In the BlackBerry Web Services released with the BlackBerry Enterprise Server for Novell GroupWise 5.0.4, the BWS.assignUsersToGroup method and the BWS.unassignUsersFromGroup method did not function as expected. As a result, applications that called these methods, such as the BlackBerry Directory Sync Tool, could not assign user accounts to groups or remove user accounts from groups. (DT 5974875)

In the BlackBerry Web Services released with the BlackBerry Enterprise Server for Novell GroupWise 5.0.4 MR1, the BWS.assignUsersToGroup method and the BWS.unassignUsersFromGroup method function as expected.

In the BWS.getUsersDetail method, loadITPolicies returned a failure for users that were not BlackBerry-enabled. (DT 5934408)

In the BlackBerry Web Services 5.0.4, the BWS.getUsersDetail method verifies that a user is BlackBerry-enabled before requesting data for IT policies, software configurations, VPN configurations, and WLAN configurations.

For all search methods (for example, BWS.getUsers), if the value of a parameter is "" or null, the parameter is considered unspecified and the search on this field is not attempted. If the value is not "" or null, the search is attempted using the specified value. (DT 5843567, 5445121, 1275510)

The BWS.getSWConfigApplications method might have returned a Runtime exception due to an error in the sortBy parameter. (DT 5833002)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

The BWS.setUsersFolderRedirection method might not have functioned properly. (DT 5826566)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

The BWS.getRolesDetail method might have returned a failure even when it returned the appropriate results. (DT 3581762)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

The `BWSUtil.getLocales` method generated `responseMetadata` with a request UID that was sent to the client and used in all logging statements. If an error occurred during the `BWSUtil.getLocales` logic, the method created a new `responseMetadata` to send to the client with a different request UID. The log files did not include error messages for the new request UID, only for the original request UID. (DT 2722372)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

Calls to `BWSUtil.getLocales` required the locale value of the `RequestMetadata` object to be set. If the locale value was not set, a `NullPointerException` was thrown. The locale value could not be set without first retrieving the list of supported locales using the `BWSUtil.getLocales` call. (DT 2700027)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

For the `BWS.getUsers` method, the `sortBy` parameter used the `DEVICE_CARRIER` type, but did not take into account the active carrier for a device (the current carrier that the device is using). (DT 2390870)

In the BlackBerry Web Services 5.0.4, for the `BWS.getUsers` method, the `sortBy` parameter uses the `DEVICE_CARRIER` type and `DEVICE_ACTIVE_CARRIER` type.

In previous releases, you could not use the BlackBerry Web Services to clear a user's activation password. (DT 2330494)

In the BlackBerry Web Services 5.0.4, the `clearUsersActivationPassword` parameter has been added to the `BWS.setUsersActivationPassword` method.

If one of the user values in the user list sent to the `BWS.setUsersServer` method is null, a null pointer exception was thrown. (DT 2326568)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

If the `BWS.setGroupsITPolicy` method (and similar methods) failed to carry out the task for one group, it did not carry out the task for the remaining groups as well. (DT 2090077)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

When using the `BWS.getDeviceOSBundles` method, some of the `searchCriteria` objects might not have been set properly. As a result, a runtime exception might have been thrown. (DT 2033693)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

The `BWS.getUsersDetail` method might have returned responses that were missing device information. (DT 2026604)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

In previous versions of the BlackBerry Web Services, when calling the `BWS.createUsers` method, the `roleUid` was required. (DT 2000061)

In the BlackBerry Web Services 5.0.4, when calling the `BWS.createUsers` method, the `roleUid` is optional.

If you tried to use the `BWS.createUsers` method to create a BlackBerry-enabled administrator account that uses Microsoft Active Directory authentication, the administrator account was not created successfully. (DT 1938039)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

If you used the `BWS.getUsers` method and the value of the `sortBy` parameter was null, a null pointer exception was thrown. (DT 1936296)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

When a null object was passed to the BlackBerry Web Services as part of a list of objects, the server created an empty object, and an invalid error message was returned. (DT 1928986)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

The BlackBerry Web Services did not validate initial request objects to verify that they were not null. (DT 1459271)

In the BlackBerry Web Services 5.0.4, the BlackBerry Web Services check request objects to verify that they are not null. The `NULL_REQUEST` error code has been introduced to report null request objects.

In the BlackBerry Web Services 5.0.4, in the `BWS.setDevicesWipe` method, an `UNSUPPORTED_VALUE` type was added to the `offboardingType` parameter. (DT 1408377)

The `BWS.getUsers` results contained a value of 0 for the `besHAPoolUid` for user accounts that were not BlackBerry-enabled. The value should have been null. (DT 1268191)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

The `BWS.getMailStoreUsers` method returned all mail store entries instead of narrowing down the results as expected. (DT 1266917)

In the BlackBerry Web Services 5.0.4, this issue is resolved.

BlackBerry Web Services known issues

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If an application uses the `BWS.createUsers` method to create a user account, and the user account already exists on the BlackBerry Enterprise Server, a misleading error message is returned: "Failed to create user: Mail account not found." (DT 5969419)

In the `Account` class, the `privateFoldersSupported` and `publicFoldersSupported` fields are not set. (DT 5863673)

When using the `BWS.createUsers` method, if the `emailAddress` field is empty or null in the `AccountAttributes` class, an `INVALID_PARAMETER` error does not occur. (DT 5497364)

If an administrator disables a user account using the BlackBerry Administration Service, you cannot enable the user account again using the BlackBerry Web Services. (DT 2029787)

If multiple clients try to use `BWS.setUsersActivationPassword` at the same time, an exception occurs and the activation password is not set. A failure status is not returned to the client application. (DT 797731)

Related resources

To view the API reference for the latest version of the BlackBerry Web Services, and to read the BlackBerry Web Services documentation, visit <http://docs.blackberry.com/BWS>.

To read the documentation for the BlackBerry Enterprise Server, visit blackberry.com/go/serverdocs.

Resource	Information
<i>BlackBerry Web Services for Enterprise Administration - API Reference</i>	<ul style="list-style-type: none"> • Details for all available web services • Code samples
<i>BlackBerry Web Services for Enterprise Administration - Feature and Technical Overview</i>	<ul style="list-style-type: none"> • Architecture • BlackBerry Web Services features
<i>BlackBerry Web Services for Enterprise Administration - Getting Started Guide for Java developers</i>	<ul style="list-style-type: none"> • System requirements • Instructions for configuring the BlackBerry Enterprise Server and your development environment • Instructions for generating proxy files • Sample application
<i>BlackBerry Web Services for Enterprise Administration - Getting Started Guide for Microsoft .NET developers</i>	<ul style="list-style-type: none"> • System requirements • Instructions for configuring the BlackBerry Enterprise Server and your development environment • Instructions for generating proxy files • Sample application
<i>BlackBerry Enterprise Server Feature and Technical Overview</i>	<ul style="list-style-type: none"> • BlackBerry Enterprise Server features • System architecture • Data and process flows

Resource	Information
<i>BlackBerry Enterprise Server Installation and Configuration Guide</i>	<ul style="list-style-type: none">• System requirements• Installation instructions
<i>BlackBerry Enterprise Server Administration Guide</i>	<ul style="list-style-type: none">• System configuration and management

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