

# Release Notes

BlackBerry Web Services  
Version 12.6





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# New features in BlackBerry UEM version 12.6

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## REST APIs

The BlackBerry UEM Web Services are a collection of REST APIs that you can use to create applications to manage your organization's environment. You can use the BlackBerry UEM Web Services to automate many of the tasks that administrators typically perform using the management console. For example, you can create an application that automates the process of adding user accounts to the domain.

## REST API changes

For more information about the REST APIs, see the [BlackBerry UEM 12.6 REST API Reference](#).

### New REST APIs

API Name	Behavior
Create user	<p>The API creates a user with basic user attributes. The new user gets a self-service role in BlackBerry UEM and is added to the “All Users” group. The new user also receives default policies. By default, the user is enabled for MDM service, but the API allows you to disable MDM service.</p> <p>Note that the BlackBerry Control SOAP API ‘addUser’ is removed and the Create user API provides the required functionality.</p>
Assign policy to user	<p>The API allows assigning:</p> <ul style="list-style-type: none"> <li>• a policy to one or more users</li> <li>• one or more policies to a user</li> </ul> <p>Note that the BlackBerry Control SOAP API ‘changePolicyUser’ is no longer available. The Assign policy to user API provides the required functionality.</p>
Assign policy to group	<p>The API allows assigning:</p> <ul style="list-style-type: none"> <li>• a policy to one or more user groups</li> <li>• one or more policies to a user group</li> </ul>
Replace policies for a user	The API replaces all policies assigned to a user with a new set of policies.
Replace policies for a group	The API replaces all policies assigned to a user group with a new set of policies.

API Name	Behavior
Query policies	<p>The API allows querying policies by:</p> <ul style="list-style-type: none"> <li>• profile category</li> <li>• user id which returns all profiles assigned to user</li> <li>• group id which returns all profiles assigned to user group</li> </ul> <p>Note that the BlackBerry Control SOAP API 'getAllPolicies' is no longer available. The Query policies API provides the required functionality.</p>
Query user groups	<p>The API allows querying user groups by:</p> <ul style="list-style-type: none"> <li>• group id</li> <li>• group name</li> <li>• profile id which returns all user groups that the profile is assigned to</li> <li>• user id which is assigned to a user group</li> </ul>
Assign compliance/security policies to BlackBerry Dynamics app	<p>The API allows assigning compliance and security policies to a BlackBerry Dynamics application entitlement.</p> <p>Note that the BlackBerry Control SOAP API 'changePolicyApp' is no longer available. The Assign compliance/security policies API provides the required functionality</p>
Query activation email templates	The API allows querying activation email templates.
Create device activation password	The API allows creating a device activation password for a user.

## API changes

When BlackBerry UEM version 12.6 MR1 is integrated with a BlackBerry Control server, the following changes have been made to the BlackBerry Dynamics SOAP APIs:

- All BlackBerry Dynamics SOAP APIs (GC SOAP and CAP SOAP) that are not listed in the following tables have been removed
- All BlackBerry Dynamics MDM REST APIs have been removed
- BlackBerry Dynamics APIs will be available on BlackBerry UEM API port 18084 by default
- Port 18084 uses a different SSL certificate than the one that the BlackBerry Control server uses. API clients must trust the SSL certificate from BlackBerry UEM API port 18084
- Integrated mode does not support BlackBerry Control 'policyset'. The BlackBerry UEM policies replace that functionality. All BlackBerry Dynamics APIs that managed the 'policyset' are impacted. Some are no longer supported and others cannot honor 'policyset' related input/output information.

- Integrated mode maps the BlackBerry Control 'application group' to the BlackBerry UEM 'user group'. All BlackBerry Dynamics APIs that managed the 'application group' are impacted. Most APIs are supported but are implemented using the BlackBerry UEM 'user group' and there are a few that are no longer supported.
- APIs supported in integrated mode will not work with previously persisted entity Ids from a standalone BlackBerry Control server, such as `userId`, `groupId`, and `containerId`

## Supported BlackBerry Control SOAP APIs

API Name	Behavior change
<code>generateAccessKeys</code>	Integrated mode uses a new default email template for sending email messages for access keys. Unless the administrator has updated the email template after upgrading to integrated mode, email messages might look different than the ones that BlackBerry Control sends in standalone mode. Any user Ids that the API client system previously persisted, do not work as the "userId" parameter value.
<code>getAccessKeys</code>	Any user Ids that the API client system previously persisted, do not work as the "userId" parameter value. Use the "getUser" API to retrieve the "userId" for users.
<code>removeAccessKey</code>	None
<code>generateUnlockAccessKey</code>	Any user Ids that the API client system previously persisted, do not work as the "userId" parameter value. Use the "getUser" API to retrieve the "userId" for users.
<code>getUnlockAccessKeys</code>	None
<code>lockContainer</code>	None
<code>getActivatedContainers</code>	Any user Ids that the API client system previously persisted, do not work as the "userId" parameter value. Use the "getUser" API to retrieve the "userId" for users.
<code>deleteContainer</code>	None
<code>getDevices</code>	Any user Ids that the API client system previously persisted, do not work as the "userId" parameter value. Use the "getUser" API to retrieve the "userId" for users.
<code>getTempUnlockPassword</code>	None
<code>getAppInfo</code>	The response does not include the "serverList" and "policySetId" elements. This information is not available or applicable in integrated mode.
<code>getApps</code>	The response does not include the "serverList" and "policySetId" elements. This information is not available or applicable in integrated mode.
<code>getGPClusterList</code>	None
<code>getGPClusterServerList</code>	None
<code>getServerList</code>	None
<code>getUser</code>	The response does not include "policySetId" and "policyName". The "appsGroupCount" element represents the number of BlackBerry UEM user groups that the user belongs to.

API Name	Behavior change
sendPinEmail	Integrated mode uses a new default email template for sending email messages for access keys. Unless the administrator has updated the email template after upgrading to integrated mode, email messages might look different than the ones that BlackBerry Control sends in standalone mode.

## Supported CAP SOAP APIs

API Name	Behavior change
AddGroup	The API creates the BlackBerry UEM user group. The request parameter “group_type” only supports the value of ‘e’ (Enterprise) and displays an error if you use any other values. The owner identifiers (“enterpriseld”/”organizationld”/”resellerld”) do not support accepting any value from the API client and display an error if you provide a value.
getGroups	<p>The API returns the BlackBerry UEM user groups filtered by group name. The “member_count” in the response indicates the number of BlackBerry UEM users in the user group. The values supported for the “group_Type” parameter are:</p> <ul style="list-style-type: none"> <li>• E="Everyone"</li> <li>• e="All enterprise groups, except 'Everyone'"</li> <li>• null= "All Groups"</li> </ul> <p>The API displays an error if you provide an unsupported value for “group_Type”. The owner identifiers “enterpriseld”/”organizationld”/”resellerld” are not supported.</p>
RemoveGroup	The API deletes the BlackBerry UEM user group. Any group Ids that the API client system previously persisted do not work as the “group_id” parameter value. The API performs checks to be consistent with integrated mode.
AddGroupsUsers	The API adds users to the BlackBerry UEM user groups. Any group Ids and user Ids that the API client system previously persisted do not work as request parameter values. If you set the “replace” parameter to ‘true’, users are removed from any other BlackBerry UEM user groups and are added to the newly specified BlackBerry UEM user group.
AddGroupUser	The API adds users to the BlackBerry UEM user group. Any group Ids and user Ids that the API client system previously persisted do not work as request parameter values.
removeGroupUser	The API removes users from the BlackBerry UEM user group. Any group Ids and user Ids that the API client system previously persisted do not work as request parameter values.
getGroupsForUser	The API returns a list of BlackBerry UEM user groups that a given BlackBerry UEM user is part of. Any user Ids that the API client system previously persisted do not work as request parameter values.

API Name	Behavior change
getUsersInGroup	The API returns a list of BlackBerry UEM users that are part of a given BlackBerry UEM user group. Any group Ids that the API client system previously persisted do not work as request parameter values.
getGroupPermissions	<p>The API returns a list of BlackBerry Dynamics applications assigned to a BlackBerry UEM user group with appropriate permission dispositions (ALLOW and DENY). Any group Ids that the API client system previously persisted do not work as request parameter values. There are a few caveats:</p> <ul style="list-style-type: none"> <li>• app_version is not returned in the response</li> <li>• only applications with client_type = NATIVE_CONTAINER are supported</li> <li>• organization info is excluded from the response</li> <li>• app_realm value can only be 'E' for enterprise</li> <li>• app_type is 'G' for any apps that start with "com.good" or "com.blackberry" and 'O' for all others</li> </ul>
setGroupPermission	<p>The API assigns BlackBerry Dynamics applications with appropriate permission dispositions to a BlackBerry UEM user group. Any group Ids that the API client system previously persisted do not work as request parameter values. There are a few caveats:</p> <ul style="list-style-type: none"> <li>• app_version_id is not supported in the request</li> <li>• app_id must be provided in the request because the default permissions are not supported in integrated mode</li> <li>• only the following permission dispositions are supported: UNDEFINED, ALLOW, and DENY. UNDEFINED removes the application from the BlackBerry UEM user group</li> </ul>
AddApp	The API adds a BlackBerry Dynamics application entitlement with app_type as 'O' (organization), app_realm as 'E' (enterprise), app_visibility as 'PRV' (private), and client_type as 'NativeContainer'. The API displays an error if the request parameters do not match. The API ignores the "purchase_url" request parameter.
RemoveApp	The API removes the BlackBerry Dynamics application entitlement from the system. The API displays errors if the removal fails because of BlackBerry UEM rules; for example, the application is already assigned to a user/group.
getApps	None



# Fixed issues

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There are no new fixed issues in this version of BlackBerry Web Services.

# Known issues

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The *BlackBerry Web Services Development Guide* includes information about which preconfigured administrative roles support the BlackBerry Web Services APIs. The information in the document is based on continuous testing and issue resolution, so there may be discrepancies between the information presented in the document and the capabilities of the administrative roles in the software.

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