

Oracle Communications

Cartridge Feature Specification for RIM Blackberry

Vendor: *RIM*

Technology: *Blackberry*

Software Load / Interface Version: *2.1*

Protocol: *XML / HTTPS*

Rollback Supported: *Yes*

Complexity: *Low*

NE Interface Specification: *RIM BlackBerry Provisioning System - XML Interface Specification, V 2.1*

NE Description: *The RIM Blackberry device provides the following services to mobile subscribers:*

- *Blackberry Internet Service Browsing*
- *Blackberry Instance Messaging*
- *Blackberry email Services*

Host Element Definition:

- Supports multiple connections to the network element
- Configurable Blackberry.net target URL
- Configurable login credentials (userid and password)
- Configurable connection timeout
- Configurable read timeout (on responses from the NE)
- Supports proxy tunneling (connection to NE via web proxy)

Supported Atomic Actions

| Atomic Action | Description |
|--------------------------------------|--|
| Activate Blackberry services | Activate a new subscriber's Blackberry service |
| Deactivate Blackberry service | Cancel an existing subscriber's Blackberry service |
| Modify Blackberry non-billing data | Allow for a non-billing attribute to be modified |
| Modify Blackberry billing identifier | Allow for the billing identifier to be modified |
| Query Blackberry service | Gather status information associated with Blackberry services |
| Resume Blackberry service | Results in the resumption of a subscriber's Blackberry service (from a suspended state). |
| Suspend Blackberry service | Results in the suspension of a subscriber's Blackberry service. |

Cartridge Deliverables

Software:

- Atomic Actions (for testing purposes)
- Service Actions (for testing purposes)
- Action Processors
- Connection Handlers
- Installation script
- Sample Network Element Configuration
- Sample Work Orders

Documentation:

- Cartridge Guide: Containing descriptions of the following items:
 - Atomic Actions
 - Service Actions
 - Installation Procedures
 - Sample Network Element Configuration
- Cartridge Release Record: Indicating the software used during the certification process of the product.

Customer Acceptance of this Cartridge Feature Specification

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| <p>Customer representative authorised to accept:</p> <p>Signature:</p> <p>Date:</p> |
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