

## SELENIUM SMPP ACCESS

### Release History

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## ***Introduction***

This document summarises the changes made at each generally available release of the Selenium SMPP Access server product. Each such release is listed here in reverse chronological order.

### **Release 1.4.1**

1. Gsm0338 class added to allow integrators to easily encode/decode using the GSM 03.38 character set.

### **Release 1.4.0**

1. It is now possible to plug in a custom “pre-processor” Java component. This allows users to implement their own PDU manipulation rules prior to packets passing on to the integrator layer.
2. The “SS-GSM” Java character set has been withdrawn and is therefore no longer available to writers of integrator components (The GSM 03.38 alphabet is still supported in core SMPP Access however).
3. Enhanced to work with Selenium SMS version 2.9.4.0’s AUTO\_CORRECT\_DATA\_CODING\_0 feature. Users who use Selenium SMS and SMPP Access together must upgrade to this release of SMPP Access if they wish to use this new Selenium SMS capability.

### **Release 1.3.3**

4. All message Ids now start with “SS” to make distinct from others used in Selenium SMS
5. Now allow a default character set to be specified in the configuration. Previously, the default used was as determined by the Java Runtime Environment.
6. GSM 03.38 alphabet now supported as a default alphabet.

### **Release 1.3.1**

7. It is no longer necessary to specify an implementation of all types of Integrator. SMPP Access will substitute a default integrator if none of a particular type is explicitly specified in the configuration. The documentation has full details.
8. In the absence of a custom AccessController implementation, SMPP Access will now reject all BIND\_\* requests. See documentation for further details.

### **Release 1.3.0**

1. UnbindEventHandler added to the integrator interfaces. This makes it possible for the fact that an SMPP session has closed due to an SMPP UNBIND command having been processed, to be notified to an interested application.
2. DisconnectEventHandler added to the integrator interfaces. This makes it possible for the fact that an SMPP session has ended due to a client disconnecting at a TCP/IP level (or being forcibly disconnected by SMPP

Access) instead of through the client issuing a SMPP UNBIND command, to be notified to an interested application.

3. The log message written when there is an IOException due to a client disconnecting without issuing an UNBIND first, has been downgraded from WARNING level to INFO.

### Release 1.2.0

4. Deferred delivery capability introduced for use by integrators components of the DrDeliverer and MoDeliverer interface. If, when attempting to deliver an MO message or delivery receipt, the integrator component is notified by SMPP Access that no suitable session for the relevant account is currently available, then the integrator can respond by asking that the message be delivered by SMPP Access later on. SMPP Access queues these messages and automatically takes care of delivering them when the relevant account later binds as a receiver or transceiver.
5. Added -stats option to sa\_tool : provides overall statistics regarding messages handled since system start.

### Release 1.1.0

1. RMI based Management Interface introduced
2. Added MAX\_SESSIONS\_PER\_ACCOUNT property
3. ALLOCATE\_MESSAGE\_IDS property introduced
4. Change to Submitter interface made to allow the submitter component to return the message ID.
5. Change to Submitter interface made to allow error codes to be communicated to the caller via the SubmitException class
6. Change to Submitter interface to allow Session object to be visible so the Submitter
7. Change to AccessController interface made to allow error codes to be communicated to the caller via the BindException class or via response (changed from boolean to int).
8. Removed isIDOk method from AccessController interface. Can now indicate this condition through the error\_code in the BindException class.
9. Black list facility introduced. This facility can be utilised via the management interface using the sa\_tool utility.
10. Changed MoDeliverer and DrDeliverer interfaces. Added registerReceiver and deregisterReceiver methods. These methods are useful in scenarios where the integrator component must “pull” messages from some other source and you want to collect messages on behalf on individual accounts, only when they have established an SMPP session.

### Release 1.0.0

1. Supports sending messages and receiving messages and delivery receipts. SMPP PDUs supported are:
  - a. BIND\_TRANSMITTER
  - b. BIND\_RECEIVER
  - c. BIND\_TRANSCEIVER
  - d. SUBMIT\_SM (including optional parameters)

- e. DELIVER\_SM (including optional parameters)
  - f. ENQUIRE\_LINK
  - g. UNBIND
2. Support use with Selenium SMS
  3. Allows use of custom Integrator components for use with 3<sup>rd</sup> party access control and messaging systems.