
Aastra SIP-DECT™ / DECToverIP using SIP

Software Release Notes for an update from 1.1.3 to 1.6.6

1	SOFTWARE IDENTIFICATION	2
1.1	CURRENT DELIVERY	2
1.2	LAST DELIVERY	2
2	REASON FOR SOFTWARE RELEASE	3
2.1	CORRECTIONS	3
2.2	NEW FUNCTIONALITY	5
2.3	OTHER REASONS	7
2.4	OPEN ISSUES	7
3	RESTRICTIONS.....	8
4	ADDITIONAL INFORMATION	9

1 Software Identification

1.1 Current Delivery

- OpenMobility Manager Software Version 1.6.6
- OpenMobility Configurator 1.6.6
- DECT Monitor 2.1

1.2 Last Delivery

- OpenMobility Manager Software Version 1.1.3
- OpenMobility Configurator 1.1.3

2 Reason for Software Release

2.1 Corrections

- SIP Stack:
 - Reset by incoming INVITE with replaces header and without SDP
 - INVITE with RFC2543 syntax caused a reset (CTBbe27635)
 - OMM accepts sip requests with unknown version (e.g. 7.0) (CTBbe27640)
 - No outgoing call on asterisk with pedantic=yes (CTBbe27651)
 - Late SDP caused calls to be released (CTBbe27729)
 - DNS SRV: improved robustness / too late answers from a dns server will be discarded.
 - Incoming messages without a from, to, cseq or call-id header will be discarded.
 - Requests without a sip method or a request uri will be discarded
 - Requests with a sip method unequal the cseq method will be discarded.
 - Handling of errors during a transaction creation and initialisation
 - Fixed trace functionality to allow trace output of malformed sip messages without a system crash.
 - The minimum accepted registration expiry from a registrar is reduced to 20 seconds (lower expiries will not be accepted, 20s will be used instead).
 - The Record-Routes received in a 200 OK as response to an INVITE was not handled right. All following request in such a created dialog must be send out according the received Record-Routes in reverse order (CTBbe28196).
 - Re-Registrations to a "DNS SRV" registrar have included ever new call-ids (CTBbe28463)
 -
- OpenMobility Manager common
 - OMM reset caused by removing a handset which is in state call active
 - A call setup was not stopped when the handset is switched off
 - A called handset remains in state incoming call even though the calling side has hooked on
 - The SIP signalling doesn't work right together with Edgewater SBC outbound proxy (missing route set)
 - AP142 shows PBX IP address on incoming call with no CLID
 - Pickup issue with Allworx equipment (any order of tags in replaces header is now allowed)
 - The format of the User-Agent string is modified to: *Aastra SIP-DECT (SW-Version=1.x.x)*
 - 501 response for MWI subscription was handled as no response
 - OMM reset if user confirms empty string within number editor
 - OMM reset by call abortion on BroadWorks

- OMM reset caused by accepting a early media although the transaction was removed
- OpenPhone 28 does not accept calls after quick release by B party
- For larger systems with many handsets the re-registrations will be spread over a time range up to 5 minutes (depends from registration interval)
- Insufficient DECT location area level for GAP phones has caused problems with single third party GAP handsets
- SIP "Content-Type" letters are also accepted in lower-case
- Handling of incoming REFER messages in state ringing corrected
- A held call is dropped if the user does not clear the line (CTBbe27501).
- Time to clear call after far end release reduced to 5 sec.
- Calls to the own extension are not any longer blocked but incoming calls from ones own extension will be rejected.
- NTP daemon has consumed sporadically all CPU time ("math-emu" emulation bug in combination with -02 or -03 compilation optimisation).
- NTP daemon is only using one ntp server from a fully qualified domainname, when there is more than one host resolved (pool.ntp.org).
- In exceptional circumstances a handset couldn't get access to the second line (CTBbe27833)
- Icon indications was sent to GAP phones (CTBbe24780).
- DNS SRV: parser error in string encoding caused a OMM reset (CTBbe27791)
- Command "ki gmi ppn 0" on the OMM-Console (ssh) caused a reset.
- Wrong WebUI time zone titles (Armenia *Standad* Time / Caucasus *Standad* Time) corrected (CTBbe27816).
- Aastra DeTeWe company logo replaced by Aastra
- A RFP which connects successfully to an other OMM removes now all existing OMM configurations from his own flash (CTBbe27738).
- Improved Watchdog behaviour to prevent resets on larger systems with more than 100 RFPs and hundred of handsets (CTBbe27839).

2.2 New Functionality

- Improved security
- Resiliency
- Ease handset enrolment, system operation and maintenance
- Held Recall
 - after a call has been on hold for a configurable period of time (default 3 min) the 142d starts ringing (second line is in idle) or a call waiting tone is played for 10s (second line is active) as a reminder
 - the timer can be configured via the service menu on the 142d handsets
- DNS SRV Blacklist
 - If a proxy/registrar of a domain is unreachable the proxy/registrar is put on the blacklist for a configurable time
 - proxies/registrars on the blacklist will be bared
 - if all proxies/registrars for a domain are on the blacklist, all proxies/registrars are put back into service
 - a blacklist entry is removed if it has timed out
 - the blacklist timeout can be configured via WebUI (System->SIP->Blacklist time out)
 - a timeout value of 0 disables this feature
- User-Agent/Server header

Sending of User-Agent/Server header information can be switched on/off via the WebUI (System->SIP->User agent info).
- Call Waiting on/off

Call waiting can be switched on/off via the service menu on the 142d handset.
- 50% rule for short registration intervals (re-registration occurs too frequent)
- SIP registration status

The registration status is shown by handset in case of call interactions.
- DTMF via INFO

The SIP INFO method can be used to transport DTMF tones out-of-band as telephone events (application/dtmf-relay)
- Call transfer for GAP phones

GAP phones can initiate a blind, semi-attended or attended transfer by pressing the hook key.
- '#' as dial info

A new configuration parameter on the WebUI (System->SIP->Send dial terminator) allows the sending of '#' characters as part of the dial information.
- Corporate Directory

The Lightweight Directory Access Protocol (LDAP) is supported to allow users the access to a centralized directory with 142d handsets.

- End User Licence Agreement (EULA)

With the first login on every new version user must accept the EULA.

- Australian Call-progress tone scheme added
- PARK check

The WebUI (System->System Settings) accepts only PARKs with a PARK Length Indicator (PLI) value between 0x1F and 0x27. The Access Rights Class (ARC) must be 1.

- The default settings for SIP-Proxy and Registrar is modified to "127.0.0.1"..
- The Portable Parts Numbers are not any longer limited to digit characters
- Spain and French language support for the OM-Configurator

2.3 Other Reasons

- none

2.4 Open Issues

- none

3 Restrictions

- Older DECTMonitor IP releases will not work. This release requires OpenMobility Manager release 2.0 or higher.
- OpenMobility manager Web service system page:
The value 'US (FCC/CI)' for the selection of the 'Regulatory Domain' is only valid with FCC compliant RFP32/34 NAs'.

4 Additional Information

- **The use of the OpenMobility Configurator requires Java Runtime environment version 1.6 or higher.**
- **The browser used for service access has to be at least Microsoft Internet Explorer 6.0 or Mozilla Firefox 1.5 and must have frame support, JavaScript and cookies enabled.**
- After an upgrade from a 1.1.x to a 1.6.x OpenMobility release, the login password of user 'omm' is reset to the default value 'omm'.
- With the first login on the Web Interface after update there will be a mandatory requirement for changing the passwords for the *omm* and *root* account. The default password of *root* is 22222.
- Supplementary services and the improved MMI are only running with Aastra DECT 142 / 142d handsets with SW 91.24.32 or higher.
- When upgrading or downgrading the OMM Software please delete the cookies and the cache in your browser after the upgrade / downgrade and before connecting with the new OMM Software. Otherwise it may happen, that the OMM web service is locked. Firefox offers the possibility to delete the cookies only for a certain IP address, whereas in the Microsoft Internet Explorer all cookies have to be removed.
- As in the past, the database built with this release is not backward compatible with older releases. A downgrade to an older release will require a database matching the older release. Before upgrading the OMM Software a database backup is strongly recommended.
- After an upgrade from 1.1.x to 1.6.x OpenMobility release, the sending of User-Agent/Server header information is switched off by default. This can be activated again via the WebUI (System->SIP->User agent info).
- After an upgrade from a 1.1.x to 1.6.x OpenMobility Release the booter of the RFPs will be updated to Version 3.3.x.
The OpenMobility Configurator 1.6.x is required to configure RFPs with this new booter version.
If you downgrade the RFPs to an older release the booter will not downgrade automatically.