



Knowledge Base Article #APP2591

ETM[®] (Enterprise Telephony Management) System SIP Proxy Appliance Build 9.0-215 Release Notes

Issues Addressed in This Update

- **Issue #186166078**—Double free of memory during call teardown caused panics. During some call teardown sequences, the system attempts to free memory associated with a single resource a second time. This causes a "double free" panic on the Signaling Processor.
- **Issue #186166058**—Multiple SIP trunks using TCP could result in SIP processing errors due to message/trunk mismatches. If multiple trunks were defined using TCP, especially if they shared the same IP addresses, then there would be message processing errors due to mismatches between the trunk a message actually used and the one the Appliance thought was being used. These problems would prevent some messages from being proxied properly and break call flows.
- **Issue #186166017**—Invalid Dialog ID used during SIP termination. Errors sometimes occurred during call termination, associated with using a bad Dialog ID between the Call Processor and Signaling Processor. The bad dialog ID occurred due to a signed/unsigned integer mismatch between the Call Processor and Signaling Processor, which resulted in an invalid Dialog ID being used during termination.
- **Issue #186165996**—SIP Appliance-to-Management Server Span connection hung (failed). If the connection between the Management Server and SIP Appliance was lost, the Appliance would sometimes hang in trying to connect to the Management Server. This would cause it never to connect to the Management Server. The Card/Platform connection usually worked, but the Span connection would sometimes fail. This may be related to certain network conditions or other factors.
- **Issue #186165198**—SIP Invite Messages containing the Identity header caused the Signaling Processor to panic. SIP Invite Messages containing the Identity header caused a panic on the Signaling Processor and prevented the Invite message from being proxied forward.

New Capabilities in This Release

- Removed the write permission for "world" users in application file permissions created by the SIP Appliance.
- Added the "persist" option to the "sip trace" command (`sip trace on | off | persist`). This option allows the SIP trace to persist through Signaling Processor restarts.
- Added the "persist" option to the "syslog debug" command (`syslog debug on | off | persist`). This option allows syslog debugging to persist through application restarts.

Who Should Install This Software

All customers running v9.0.x SIP Proxy Appliances should install this update (9.0-215). This update cannot be installed on Appliances running a version prior to 9.0.x. To obtain the update, contact SecureLogix Technical Support.

Installing this Update

This update is installed using the normal appliance software package push mechanism in the ETM GUI and then reinstalling the Dialing Plan on the Appliance:



1. Push the 9.0-215 Appliance package to the Appliance and wait for installation to complete.
2. After the package push completes, reinstall the Dialing Plan on the Appliance. An intermittent issue occurs in which the Dialing Plan gets “deactivated” during this package push, so always reinstall it.

Known Issue in this Release

Issue #186226780—If the Media Proxy is active, and the Signal Proxy is restarted (or panics), the active media ports (actively processing media packets for active calls) at the time of the restart are put into a quarantine state. These quarantined ports will not be used for subsequent media processing, even though they are used as part of new calls.

The following symptoms/issues occur when new calls attempt to use these ports:

- A **Warning** log is produced on the Media Proxy indicating the port conflict:

```
2023/10/10 20:20:38 WARNING 2023/10/10 20:20:32 sip_50_199 HARDWARE
[MP:localhost.localdomain] Deleting Dialog 1045001843 port 8228 was
already in use, adding dialog 358369268
```

- Call Type and Media statistics processing are not performed for the new call.
- The Media Proxy will perform call recording of the media packets (positive behavior).

Workaround: This issue will continue recurring as those ports are reused on subsequent calls. To force the Media Proxy out of this state, restart the Media Proxy.

Current Application Versions as of This Update

- ETM Client and Server applications—9.0.3 Build 19
- Appliance packages:
 - UTA—9.0-63
 - SIP Proxy—9.0-215
 - All other Appliance types*—7.1.90

**Does not apply to the EOL 1060.*

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