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# SmartMedia v3.2 Release Notes

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## New to the 3.2.64.88 Release

- **SN10k does not include source port in SIP Contact header on REGISTER**
  - The Contact header of SIP REGISTER messages now explicitly include the local port for SIP trunks registration.
- **Support a digitmap with more than 20 different patterns**
  - The number of patterns in a single digit map has been increased from 20 to 40.
- **SSH connection issues with some recent clients**
  - The SSH server has been upgraded to enhance security and ensure compatibility with recent SSH clients.
- **H.248 digitmap is ignoring configured timers values**
  - The default digit map timers configured in web portal are now properly used if the received digitmap in H.248 does not include some timer values.
- **tb\_engine unexpectedly exits upon receiving in-dialog SIP OPTIONS message before SDP has been negotiated**
  - Reception of an in-dialog SIP OPTIONS during call establishment will now be responded to with a 480 Temporarily Unavailable containing a Retry-After header.
- **Web Portal buttons rendering issues with web browser's dark mode**
  - Fixed the CSS rendering of submit buttons. Visible only when using a "dark mode" browser extension.
- **Limit of 29 Transport Servers not enforced by Web Portal**
  - A maximum of 29 transport servers per SAP is now enforced to ensure configurations align with hardware capabilities.
- **ISUP does not handle COT indications in some situations**
  - A new advanced parameter has been added to the ISUP interface, allowing COT messages received in the IDLE state to be delayed so that the related IAM can be treated in the meantime.

- **Memory leak detected by internal tools**
  - A small memory leak has been addressed in the H.248 stack.
- **Legacy files from previous major versions are never cleaned up**
  - A new rule, "Inactive Setup files", has been added to the host folder cleanup table to remove old log files and dumps from previous major versions. By default, these files are automatically deleted if they are more than 30 days old.
- **Creating a new IUA link is reverting back from Network to User**
  - Fixed an issue where the "Side" field would revert to User when Network was chosen on Creating New IUA Link or Creating Multiple IUA Links.
- **Increase the list of supported SIP Reason Cause codes**
  - Added support for the following Reason Codes:
    - 428 (Use Identity Header)
    - 436 (Bad Identity-Info)
    - 437 (Unsupported Certificate)
    - 438 (Invalid Identity Header)
    - 607 (Unwanted)
    - 608 (Rejected)

As referenced by RFC 4474, RFC 8197, and RFC 8688.

- **TBRouter sporadically produces dump files upon application shutdown**
  - Improved TBRouter's memory management to ensure the allocation and deallocation are always compatible.
- **H.248 audio gain not applied on SN10k**
  - The volume control gain configured on a H.248 TDM Termination through metaswtdmc is now applied properly to the Ephemeral Termination (RTP).
- **Race condition may cause tbrouter to generate crash dumps on shutdown**
  - Resolved a situation where dumps could be generated during TBRouter shutdown.
- **Failed to create fifth M3UA link due to "too many active endpoints" error**
  - Fixed the "too many active endpoints" error for M3UA SAP/PSP links.
- **Prevent H.248 call failures due to timeouts while waiting for join completion**
  - In certain scenarios, the timing between handling H.248 parallel transactions and allocating the required resources for them could cause timeouts while waiting for those allocations to complete.

- **tb\_engine may crash during CallBridgingGetFilteredPeerSdp**
  - Improved behavior when the Profile SDP description doesn't have any media codecs in its list and the profile requires to combine and reorder the Profile SDP with a received SDP.
- **"Failed to find NAP" log messages may affect performance -**
  - The log level of the "Failed to find NAP" messages has been adjusted to prevent them from affecting system performance.

## WWW

Please refer to the following online resources:

- Software Configuration Guide SmartMedia:  
<http://www.patton.com/manuals/SmartMedia-scg.pdf>
- SmartMedia Configuration Library:  
<http://www.patton.com/support/kb.asp?cat=114>
- SmartMedia FAQ:  
<http://www.patton.com/support/kb.asp?cat=75>

## How to Upgrade

Please see [http://www.patton.com/support/kb\\_art.asp?art=326](http://www.patton.com/support/kb_art.asp?art=326).