

Software Release Note

Vocality Gateway Suite 6.0.0

Date of software release: 3rd September 2021
Release Note date: 3rd September 2021
Release Note version: 1.0
Release Identification: 6.0.0-18944

Purpose of Release

This release focuses on fixing some security issues, MCPTT issues, and a number of other bug fixes.

Document History

Version	Date	Details
1.0		Initial Version

Hardware Affected

This release is targeted to all versions of the Vocality RoIP and the M3-SE-MFGW.

Pre-Requisites

This release should only be installed on Cubic's RoIP products currently running release 4.17.2 and later.

For earlier releases, please use the [Software Portal](#) to upgrade to 4.17.2 first.

Special Instructions

This release contains a new https certificate for the admin.vocality.com webpage, which means a change to the normal update process.

When updating to this version please follow these instructions,

- Start the upgrade from the user interface.
- If you can see the RoIP, wait until the status LED is continuously green.
- If you cannot see the RoIP power light, wait 5 minutes.
- Close the browser window in which you started the upgrade.
- Open a new browser window on admin.vocality.com
- Upgrade is now complete.

This update increases the minimum length of user passwords to 10 characters. When updating a password, setting up the unit from factory default, or adding a new user, new passwords will need to be a minimum of 10 characters in length. Existing passwords will not be affected.

The default admin password on units pre-configured by Cubic will be **Vocal1ty!!** now.

Key Features and Enhancements

- LAN and WAN access for SSH and RESTful API have been separated. You can now configure them separately.
- Removed satellite bandwidth optimization feature (“Enhance”).
- Logging improvements in the areas of Nodemanager, RadioGateway and MCPTT.

Bug Fixes

- Resolves a talk group issue which required the user to perform a reboot.
- Resolves several MCPTT authentication issues. Retries for token renewal process and token expiration length.
- Warn user if they attempt to navigate away from Radio page after changing a value without saving.
- Resolves an issue when starting/ending a SIP call.
- Corrected attributes in SIP SDP invite for OPUS codec when an RTP stream is also using the OPUS codec.
- Resolves an issue on IPsec tunnels where a disabled tunnel stays up.
- Resolves an error when enabling an IPsec tunnel with multiple source or destination networks, or editing an IPsec tunnel which has already been enabled to add multiple source or destination networks.
- Resolves an issue where an invalid Wi-Fi channel does not show an error in the UI.
- Resolves an issue where a SIP call was missing a telephone-event in INVITE.
- Adds SIP codec priority configuration to user interface. A user can configure the order to use the SIP Codecs.
- Resolves an issue where GRE doesn't pass audio traffic.
- Turn off reverse path filtering for non-secure tunnels.
- Resolve an issue with acquiring an IP address after bearer change/update.

RESTful API changes

- API V2 is the same as V1, except :-
 - Any references to the codec config settings PCMA and PCMU have been changed to G711A and G711U respectively.
 - AMR has been added to the list of codec choices for a stream.

Security Updates

- PHP Updated from version 5.6.35 to 7.2.7. Removes a number of CVE issues.
- Added an inactivity timer to the user interface. Default time is 10 minutes. Can be configured by an administrator in the Users menu.
- Added an inactivity timer for RESTful API. This is configured in the API Configuration menu.
- Minimum password length increased from 8 characters to 10 characters.

Component Version Numbers

Changes highlighted.

- **vocality_api 2.0.0-18944**
- **vocality_database 1.2.0-18944**
- **vocality_dispatch 1.4.0-18944**
- **vocality_enhance (removed)**
- **vocality_filesystem 1.0.0-18944 (New)**
- **vocality_mcpttgateway 1.2.0-18944**
- **vocality_modemfirmware 1.1.0-18944**
- **vocality_multibearer 3.3.0-18944**
- **vocality_nodemanager 4.15.0-18944**
- **vocality_nodeui 4.17.0-18944**
- **vocality_password 1.0.1-18944**
- **vocality_picfirmware 1.0.0-18944 (New)**
- **vocality_radiogateway 4.6.0-18944**
- **vocality_registry 3.2.0-18944**
- **vocality_registryclient 3.2.0-18944**
- **vocality_release 6.0.0-18944**
- **vocality_roip (removed)**
- **vocality_secure 4.1.0-18944**
- **vocality_serial 3.1.0-18944**
- **vocality_utils 2.1.0-18944**
- **platform-distro-roip 6.0.0**

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