EdgeMarc VOS

Release Notes

Software Release: 16.4.0.2
Document Revision: 06.02
Published: 6 June 2024

Copyright

© 2020-2024 Ribbon Communications Operating Company, Inc. © 2020-2024 ECI Telecom Ltd. All rights reserved. The compilation (meaning the collection, arrangement and assembly) of all content on this site is protected by U.S. and international copyright laws and treaty provisions and may not be used, copied, reproduced, modified, published, uploaded, posted, transmitted or distributed in any way, without prior written consent of Ribbon Communications Inc.

Disclaimer and Restrictions

The publication is for information purposes only and is subject to change without notice. This publication does not constitute a commitment on the part of Ribbon. While reasonable efforts have been made in the preparation of this publication to assure its accuracy, Ribbon assumes no liability resulting from technical or editorial errors or omissions, or for any damages whatsoever resulting from the furnishing, performance, or use of the information contained herein. Ribbon reserves the right to make changes to this publication and to Ribbon products without notice in its sole discretion. This publication is not meant to define any interfaces between Ribbon products and any third-party hardware or software products.

Warranties

THIS INFORMATION IS PROVIDED “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT SHALL RIBBON BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR PERFORMANCE OF THIS INFORMATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Compliance with Applicable Laws and Export Control Laws

The information in this publication is subject to all applicable U.S. federal, state, and local laws. The customer use, distribution, and transfer of any technical information shall be in compliance with all applicable export and import laws and regulations. All Ribbon products and publications are commercial in nature; and the use, duplication, or disclosure by the United States Government is subject to the restrictions set forth in DFARS 252.227-7013 and FAR 52.227-19.

Trademarks

The trademarks, logos, service marks, trade names, and trade dress (“look and feel”) on this website, including without limitation the RIBBON and RIBBON logo marks, are protected by applicable US and foreign trademark rights and other proprietary rights and are the property of Ribbon Communications Operating Company, Inc. or its affiliates. Any third-party trademarks, logos, service marks, trade names and trade dress may be the property of their respective owners. Any uses of the trademarks, logos, service marks, trade names, and trade dress without the prior written consent of Ribbon Communications Operating Company, Inc., its affiliates, or the third parties that own the proprietary rights, are expressly prohibited.

UNCONTROLLED COPY:

The original content is stored in an electronic database and is “write protected”; it may be altered only by authorized persons. While copies may be printed, it is not recommended. Viewing of the original content electronically ensures access to the current content. Any hardcopies taken must be regarded as uncontrolled copies.

Contents

EdgeMarc VOS 16.4.0.2 Release Notes 1

About EdgeMarc 16.4.0.2 Release Notes 2

Related Documentation 2

Release Notes Use and Distribution 2

Problems or Questions 2

About EdgeMarc VoIP Operating System (VOS) 3

Supported Platforms 3

New Features in This Release 4

How to Verify Currently Installed Software/Firmware Versions 5

Upgrade Notes 6

Resolved Issues 7

Resolved Issues - Severity 1 7

Resolved Issues - Severity 2/3 7

Known Issues 8

Known Issues - Severity 1 8

Known Issues - All Other Severities 8

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

EdgeMarc VOS 16.4.0.2 Release Notes

Table of Contents

- About EdgeMarc 16.4.0.2 Release Notes
  - Related Documentation
  - Release Notes Use and Distribution
  - Problems or Questions
- About EdgeMarc VoIP Operating System (VOS)
  - Supported Platforms
- New Features in This Release
- How to Verify Currently Installed Software/Firmware Versions
- Upgrade Notes
- Resolved Issues
  - Resolved Issues - Severity 1
  - Resolved Issues - Severity 2/3
- Known Issues
  - Known Issues - Severity 1
  - Known Issues - All Other Severities

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

About EdgeMarc 16.4.0.2 Release Notes

This document describes new features, the latest hardware and software requirements, known limitations, and other pertinent release information for the latest release of EdgeMarc VOS 16.4.0.2.

Related Documentation

The EdgeMarc VOS 16.4.0.2 documentation is located at the following Ribbon Wiki space: EdgeMarc VOS 16.4.x Documentation Home.

Release Notes Use and Distribution

Ribbon product release notes are protected under the copyright laws of the United States of America. This work contains proprietary information of Ribbon Communications, 6500 Chase Oaks Blvd, Suite 100, Plano, TX 75023 U.S.A.. Use, disclosure, or reproduction in any form is strictly prohibited without prior authorization from Ribbon Communications.

Problems or Questions

For problems or questions, contact the Global Support Assistance Center:

Ribbon Support Portal: https://ribboncommunications.com/services/ribbon-support-portal

Voice: +1-833-RIBBON1 (1-833-742-2661)

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

About EdgeMarc VoIP Operating System (VOS)

The EdgeMarc is a flexible, easy-to-use session border controller that provides critical networking functions for IP-based voice and data. EdgeMarc VoIP Operating System (VOS) provides award-winning features for converged networking environments. These features enable the EdgeMarc to act as an enterprise session border controller and demarcation point for managed services.

Release History

Release	Date	Purpose
Release 16.4.0.2	07 Jun 2024	New features, improvements, resolved issues.

Supported Platforms

Refer to EdgeView and EdgeMarc Interoperability Matrix for a detailed EdgeMarc VOS interoperability matrix.

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

New Features in This Release

The following new features are included in this release:

Issue ID	Feature	Description
EM-28204	Edgemarc Stripping Non-Standard Reason Header for Outgoing CANCEL message on WAN side	The Edgemarc now retains the Reason header when processing a Cancel message in B2BUA mode

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

How to Verify Currently Installed Software/Firmware Versions

Use the EdgeMarc WebUI to verify the currently installed software version.

1. Open the WebUI and click the **Admin** tab.
2. On the **Admin** page, you can see the current software version under **Software Version**.

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

Upgrade Notes

This section contains specific upgrade notes for customers planning to upgrade to EdgeMarc VOS 16.4.0.2

For details on supported releases and upgrades, see Upgrade Firmware.

To download a software package from the Ribbon Support Portal, refer Ribbon Support Portal - Download Center.

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

Resolved Issues

Resolved Issues - Severity 1

None

Resolved Issues - Severity 2/3

Issue Id	Case No.	Sev	Problem Description	Resolution
EM-28571	-	3	A delayed offer SIP call from a WAN-side SRTP source to a LAN-side trunking device that only does RTP fails	Updated the Edgemarc software to only offer RTP in the SDP when the trunking device is configured for RTP **Workaround:** None
EM-28380	240202-742456	3	In an outbound late-offer call scenario, the 200OK SDP from the server with two crypto keys was using tag values of 2 and 3. The EdgeMarc then responds with an ACK SDP and a crypto key tag value of 1. The Edgemarc should have responded with a crypto key tag value that matches the tag value of the desired cipher suite that is being offered.	EdgeMarc code updated to use the crypto tag numbers offered by the client device **Workaround:** None
EM-28214	231121-724405	2	A device using a model LAN8720A ethernet chip may cause a port on a 2900PoE to stop forwarding traffic when the device is reset.	If a device using the affected chip needs to be used with the EdgeMarc LAN switch, enable the cron job for a new script that monitors for the bad state and resets the port automatically. **Workaround:** Connecting a PC to this failing port will “Reset” it.
EM-28043	220831-610043	2	EM was not using the TLS source port in the OPTIONS messages to the server, while in local mode.	Fix done to use TLS source port in OPTIONS message sent to the server in local mode. **Workaround:** None

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.

Known Issues

Known Issues - Severity 1

There are no known issues of high severity in this release.

Known Issues - All Other Severities

There are no known issues of other severity in this release.

Confidential and Proprietary. Copyright 2020-2024 Ribbon Communications Operating Company, Inc. 2020-2024 ECI Telecom Ltd. All Rights Reserved.