

# Free and Open Source Software

## Virtual Multimedia Resource Function

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# 1 Introduction

This document contains Notices and License Documentation related to the Free Open Source Software (FOSS) that is included in vMRF and in the underlying Ericsson Component Based Architecture (CBA) application.

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## 1.1 Scope

This document contains the following information:

- List of FOSS products, with version information
- Notices and credits for the FOSS products
- License texts for the FOSS products

## 1.2 Target Audience

This document is intended for operators, administrators, or any user with interest in the Free Open Source Software and related licenses.

## 1.3 List of FOSS Products

**Note:** The list of FOSS products within this document is valid at the time of publication and is subject to change without notice.

### 1.3.1 Free Open Source Software Products and Versions

Table 1 shows the FOSS products used in the vMRF application and in the underlying Ericsson Component Based Architecture (CBA) application:

*Table 1 FOSS Products in vMRF*

Developer/Vendor	Product Name	Version
The LTTng Project	ltnng-ust	2.9.0
The LTTng Project	ltnng-tools	2.9.3
EfficiOS Inc.	Babeltrace	1.3.0
Gentoo Foundation, Inc.	userspace-rcu	0.8.8
Gentoo Foundation, Inc.	SSSD	1.13.4



<b>Developer/Vendor</b>	<b>Product Name</b>	<b>Version</b>
Gentoo Foundation, Inc.	DING-LIBS	0.5.0
Arthur de Jong	Nss-Pam-Ldapd	0.9.5 + patch
Python Software Foundation	python-ecdsa	0.13.0
Python Software Foundation	paramiko	1.16.0
Python Software Foundation	PyCrypto	2.6
Python Software Foundation	PyYAML	3.11
Python Software Foundation	netifaces	0.10.4
Python Software Foundation	lxml	3.5
Python Software Foundation	ncclient	0.4.6
Red Hat, Inc.	GlusterFS	3.10
OpenSAF Foundation	OpenSAF	5.1
Applied Informatics Software Engineering GmbH	POCO C++ Libraries, Basic Edition	1.4.5, 1.7.3, and 1.7.6
SourceForge, Inc.	libtecla	1.6.2
boost.org	Boost C++ Library	1.55.0, 1.57.0, and 1.60
SourceForge, Inc.	CMP patch for OpenSSL	REV469
OpenLDAP	check_password.c	1.1
Free Software Foundation	Fail2ban	0.9.4
Baptiste Lepilleur	json-cpp	0.6.0-rc2
Daniel Stenberg	c-ares	1.12.0
Apache Software Foundation	Thrift	0.9.3
Michal Trojnara	stunnel	5.25
Cisco Systems, Inc.	libSRTP	1.4.2



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GNU General Public License, version 2	<ul style="list-style-type: none"> <li>• Ittng-tools 2.9.3</li> <li>• GlusterFS 3.10 (dual licensed under GPLv2 and LGPLV3)</li> <li>• Fail2ban 0.9.4</li> <li>• stunnel 5.25</li> </ul>
GNU General Public License, version 3	<ul style="list-style-type: none"> <li>• SSSD 1.13.4</li> <li>• DING-LIBS 0.5.0 (dual licensed under GPLv3 and LGPLV3)</li> </ul>
MIT License (also known as Expat License)	<ul style="list-style-type: none"> <li>• Babeltrace 1.3.0</li> <li>• python-ecdsa 0.13</li> <li>• netifaces 0.10.4</li> <li>• PyYAML 3.11</li> <li>• json-cpp 0.6.0-rc2</li> <li>• c-ares 1.12.0</li> </ul>
MIT X License	libtecla 1.6.2
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BSD	lxml 3.5
OpenLDAP License	check_password.c 1.1
Apache License 2.0	<ul style="list-style-type: none"><li>• ncclient 0.4.6</li><li>• Thrift 0.9.3</li></ul>
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PyCrypto - The Python Cryptography Toolkit

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