

Software Specification

Ericsson Dynamic Activation 1

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1 Introduction

This document contains information about the Ericsson Components, Commercial Software and Freeware Third-Party Product Software, embedded, and non-embedded in Ericsson Dynamic Activation.

1.1 Target Group

The following are included in the target group for this document:

- System Administrator
- Network Administrator

For information about the different target groups, see *Library Overview*, Reference [2].

1.2 Typographic Conventions

Typographic conventions are described in the document *Library Overview*, Reference [2].

For information about abbreviations used throughout this document, see *Glossary of Terms and Acronyms*, Reference [1].



2 Dynamic Activation

This section contains information about the software and versions used (both embedded and non-embedded) in Dynamic Activation 1.

2.1 Embedded Software and Versions

The following software and versions are embedded in Dynamic Activation 1.

2.1.1 Commercial 3PPs

Table 1 shows the commercial 3PPs and versions.

Table 1 Commercial 3PPs

Software Name	Version
IBM SSM and ASM Agents ⁽¹⁾	4.0.1
Oracle JDK 64-bit	8.0 u112
SafeNet Sentinel RMS License Manager	8.6.2
SUSE Linux Enterprise Server ⁽²⁾	12
Red Hat Enterprise Linux ⁽³⁾	7.2

(1) Part of ESA

(2) Part of LDEwS 4.2 CP2 used for native deployment

(3) Used for virtual deployment.

2.1.2 Free Open Source Software

Table 2 shows the Free Open Source Software and versions.

Table 2 Free Open Source Software

Software Name	Version
Akka	2.4.10
ANTLR	4.2.2
Apache Argcomplete	1.4.1
Apache Commons Codec	1.9
Apache Commons Lang	3.3.2
Apache Felix EventAdmin Service	1.4.2
Apache Felix Metatype	1.0.10



Software Name	Version
Apache Felix SCR	1.6.0/1.8.2
Apache HttpClient	4.5
Apache Servicemix Specs Activation API 1.1	2.2.0
Apache XBean	3.16
apache-sshd	0.14.0
Apache Tomcat	8.0.39
Aries jmx api	0.3.0
Aries jmx core	0.3.0
Aries jmx util	0.3.0
Backbone.js	1.0.0
Cassandra	2.2.5/2.1.13
Cloud-init	0.7.6
CodeMirror	5.6.0
Commons compress	1.9
Datastax Java Driver	3.1.0
DataTables	1.9.1
Direct Web Remoting (DWR) ⁽¹⁾	2.0.6
DNSJava	2.1.6
d3.js	3.5.5
Felix Framework (Apache)	4.0.2
Felix Configuration Admin Service	1.2.8
Felix File Install	3.1.10
Felix Gogo Command	0.12.0
Felix Gogo Runtime	0.10.0
Felix Log Service	1.0.1
Felix Gogo Shell	0.10.0
Gemini Blueprint	1.0.2.RELEASE
Geronimo Annotation 1.1 spec	1.0.1
Geronimo Jaspic 1.0 spec	1.1
geronimo-servlet 3.0 specification	1.0
GSON	1.4/2.0
Guava, Google	19.0



Software Name	Version
handlebars.js	1.3.0
Hector	1.0
Java-iso-tools	1.2.2
Java Scala Util	1.6
Java-scala-util-converter	1.0
JCL over SLF4J	1.7.5
Jersey	2.13
Jetty	8.1.14.v20131031
Joda Time	2.2
jqPlot	1.0.0.b2
jQuery ⁽¹⁾	1.4.2
jQuery	2.0.2
jQuery Dynatree	1.2.4
jQuery UI	1.8.17
Karaf	3.0.1
Kazoo	2.2.1
Log4j	1.2.16
Logback	1.0.1
MINA	2.0.9
Moment.js	2.6.0
Moment Timezone.js	0.3.0-2014J
Netty	3.6.6.FINAL
Nimbus JOSE + JWT	4.34.2
N numeral.js	1.5.3
OSGi cmpn	4.2
OSGi core	4.2
pax-swissbox	1.6.0
pax-url	1.4.2
pax-web	3.1.0
pexpect	4.0.1
Play Framework	2.5.12
Ptyprocess	0.5
Puppet	3.7.4



Software Name	Version
Require.js	2.1.10
Scala-library	2.11.7
Scalalogging	1.0.1
Scala-parser-combinators	1.0.4
Scala XML	1.0.4
Scalatra	2.5.0
Sizzle ⁽¹⁾	1.0
SLF4J-api	1.7.22
Snappy-java	1.1.1-M1
SNMP4J	2.4.1
SNMP4J Agent	2.4.1
Spring Application Framework	4.1.6
StringTemplate	4.0.2
Struts ⁽¹⁾	1.3.10
Struts1filter	1.0.0
Super CSV	2.1.0
Twitter Bootstrap	2.0.1
Underscore.js	1.4.4
XACML	1.2
xpp3	1.1.4C
Xstream	1.4
Yangtools	BORON-SR2
ZooKeeper	3.4.9.1

(1) Part of CoGup

2.1.3 Ericsson Software

Table 3 shows the Ericsson software and versions.

Table 3 Ericsson Software

Software Name	Product Number	Version
LDEwS ⁽¹⁾	ANA 901 39/4	4.2 CP4
eVIP ⁽¹⁾	APR 901 0467/3	3.2
ESA	CSH 109 532 R1A	16.0 ICP1 (16.0.0.574)

(1) Only used in native deployment.



2.2 Non-Embedded Software and Versions

The following software and versions are not embedded but recommended or required to be used with Dynamic Activation 1.

Table 4 shows other recommended or required non-embedded 3PP software and versions.

Table 4 Other Non-embedded Software

Software Name	Version	Description
BSP 8100	CXP 902 5735	BSP R11.0.1 Only used in native deployment. This version has been used to verify current release. It is recommended to use this version or later in Dynamic Activation 1.
Oracle Java JDK/JRE	8 (or later)	Required by Designer Studio
VMWare ESXi	5.1 (or later)	Can be used for Virtual deployment
Linux x86_64 kernel, including corresponding or later KVM kernel modules	2.6.32	Can be used for Virtual deployment
Oracle Java JDK	1.8.0_71 (or later)	Required for EDA Deployment Manager tool, used for Virtual deployment
CEE	R6A/1 (or later)	Cloud Execution Environment



3 Consistency Checker

This section contains information about the software and versions used (both embedded and non-embedded) in Dynamic Activation 1 for Consistency Checker.

3.1 Embedded Software and Versions

The following software and versions are embedded in Dynamic Activation 1 for Consistency Checker.

3.1.1 Commercial 3PPs

Table 5 shows the commercial 3PPs and versions for Consistency Checker.

Table 5 Commercial 3PPs in Consistency Checker

Software Name	Version
SafeNet Sentinel RMS License Manager	8.5.1

3.1.2 Free Open Source Software

Table 6 shows the Free Open Source Software and versions for Consistency Checker.

Table 6 Free Open Source Software in Consistency Checker

Software Name	Version
Apache Commons-logging	1.1.1
Apache Commons-math	3.3.0
EaseLJS	0.7.1
Apache POI	3.9
SchemaCrawler	10.08.04
Super CSV	1.5.2

3.2 Non-Embedded Software and Versions

The following software and versions are not embedded but recommended or required in Dynamic Activation 1 for Consistency Checker.



Table 4 shows other recommended or required non-embedded 3PP software and versions.

Table 7 Other Recommend or Required 3PP Software

Software Name	Version
Oracle JDK	1.8
Glassfish	4.1.1



Reference List

- [1] *Glossary of Terms and Acronyms*, 0033-CSH 109 628 Uen
- [2] *Library Overview*, 18/1553-CSH 109 628 Uen