



MIDAS License Key Installation 4.12

Worldline Germany GmbH

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1. Information Road Map

In addition to the online help available in the Web browser during a MIDAS session, the MIDAS Product Family includes the following core user information:

MIDAS Installation Guide

Information concerning the installation process and initial setup tasks

MIDAS Administration & Configuration Guide

Information concerning advanced configuration, maintenance or troubleshooting

MIDAS User Guide

Information and instructions to help you use the MIDAS software

MIDAS Release Notes

Information about all the new features included with the current version of the MIDAS software and, in addition, a list of known problems that have been fixed

Information is also available for the following Add-on products that enable you to extend the features and functionality of the MIDAS Product Family:

API Toolkit

Extends access to APIs beyond the native *HPOM* capabilities by supporting various additional programming languages.

MIDAS Debugger

Reduces the number of tools and actions required for testing policy changes.

MIDAS Inventory

Enables the rapid identification of new or changed systems to ensure up-to-date infrastructure information.

MIDAS Outage Manager

Simplifies the usage and management of outages with *HPOM*.

MIDAS Service Builder

Provides an easy-to-use graphical interface for creating new services trees and modifying and exporting existing service trees.

MIDAS Synchronizer

Provides ready-to-use functionality that enables you to replicate changes across multiple *HPOM* servers.

boom

Monitors your entire enterprise environment with platform-independent technology.

For more information about which Add-on products are available and the features and functionality they include, see the Worldline Germany Web site in [Useful Links & Contact Information](#).

As a result of regular program updates, some information in the printed manuals may differ from that found in the online help. For the same reason, there may be minor differences in the presentation of the program's interface. Most screenshots in this manual have been taken during development and may not reflect final content.



The information in this manual applies to MIDAS for HP OMU, HP OMS and HP OML and any reference throughout this manual to *HPOM* includes all three versions. System specific specialties are highlighted accordingly. For a general overview of the features provided with HP OMU, HP OMS and HP OML, refer to the HP Operations Manager Concepts Guide, which is available in PDF format on the HP product manual Web site (see below).

1.1. Useful Links & Contact Information

Check our home page (downloads section) for the latest version of the MIDAS manuals, whitepapers, documents, and software:

<http://www.bes-worldline.com>

HPOM patches and documentation can be downloaded from the following Web site:

<http://support.openview.hp.com/selfsolve/manuals>

http://support.openview.hp.com/patches/patch_index.jsp

1.1.1. Contacting Customer Support

You can contact the support team from Worldline via:

- e-mail: support@bes-worldline.com
- phone: (+49 | 0) 211-399-415-30
Support Times: Mo.-Fr. from 9.00-17.00 CET (except German public holidays)

2. MIDAS License Key Installation

2.1. MIDAS Configurator

This installation notice applies to the MIDAS versions 4.x. For MIDAS Add-On products see [MIDAS Add-On Products \(Debugger, Synchronizer, Outage Manager\)](#). MIDAS consists basically of two main modules: MIDAS Web Application system and *HPOM* Backend server.

+ License keys will be generated for each of them:

- The *MIDAS Web Application license* is not locked to any IP. Therefore, install the MIDAS Web Application module as often as desired.
- The *MIDAS_HPOM Backend license_* though will be node locked. On a cluster, the virtual cluster IP will be used in the license key.

On a full MIDAS installation (MIDAS Web Application and *HPOM* Backend on the same *HPOM* server), it is necessary to install both license keys on that system.

2.2. How to identify what MIDAS module is installed?

Running the following command will show you the answer to this question:

```
# /opt/midas/midas.sh version
```

Check the products listed, if a MIDAS Web Application and/or a *HPOM* Backend is available. Add-ons will also be listed.

```
...[echo] installed MIDAS products:  
[echo] MIDAS Documentor Backend  
[echo] MIDAS Configurator Backend  
[echo] MIDAS Administrator Backend
```

To check the licenses status run:

```
# /opt/midas/midas.sh analyze
```

Check for the following entry:

```
Installation Type Backend only | Webapp only | full
```

2.3. MIDAS Add-On Products (Debugger, Synchronizer, Outage Manager)

- **MIDAS Debugger:** Consists of three (3) module specific license files which have to be installed on:
 - MIDAS Web Application (not node locked),
 - *HPOM* Backend (license is node locked to the *HPOM* server IP) and the
 - MIDAS *HPOM* Test Agent (not node locked).
- **MIDAS Synchronizer:** The license is installed on the MIDAS Web Application system.
- **MIDAS Outage Manager:** The license is installed on the MIDAS Web Application system.

2.4. License Key Installation

Installation syntax is:

```
# /opt/midas/midas.sh install /path/to/<license.zip>
```

Example:

If the license file's name is: BES_starbug_Productive_4.12.0_2018082915.zip inside /tmp, the installation command is:

```
# /opt/midas/midas.sh install /tmp/BES_starbug_Productive_4.12.0_2018082915.zip
```



Please do not unpack the license ZIP files manually!

After the installation a “Build successful” message should be given.

After the license installation it is necessary to restart MIDAS. It is recommended to perform a clean restart (especially if the previous license has expired). Please run:

```
# /opt/midas/midas.sh clean  
# /opt/midas/midas.sh start
```

2.5. Replace Expired Licenses with Productive Keys

Instant-On licenses expire after 60 days while evaluation licenses expire as agreed. These licenses are not automatically removed with installing productive licenses. This results in warning messages due to the fact that the instant-on licenses (which come with the product) are licensed to Worldline Germany GmbH. As the new productive keys are licensed to the customer, the holder name differs and causes warnings. To get rid of the warnings, delete all licenses and install the productive ones again.

2.5.1. Step-by-step instruction

1. Do a MIDAS clean stop

```
# /opt/midas/midas.sh clean
```

2. Delete all files and folders below # /opt/midas/conf/licenses/BES/*
3. Install the productive licenses

```
# /opt/midas/midas.sh install <licensefile.zip>
```

4. Start MIDAS again

```
# /opt/midas/midas.sh start
```

5. Check license status

```
# /opt/midas/midas.sh analyze
```

Appendix

Software Included

MIDAS includes software developed by various open-source projects and organizations as listed below. The corresponding files and components are copyright to the corresponding organization or vendor and all rights reserved. The software files and components distributed under the open-source licenses are distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the license of the corresponding project for specific rights and limitations under the license. Depending on the license, any product derived from the products may not be called with the name of the project nor may the name of the project appear in their name, without prior written permission. For written permission, please contact the corresponding project owner by visiting the corresponding project home page as listed below. We greatly appreciate the work of those projects and try to contribute as much as possible to some of those projects in order to compensate their contributions.

All license files can be found in the installation directory (./docs/licenses). Furthermore, a full overview of all external dependencies and license conditions is also accessible via the Web interface: HELP button → About menu → External Dependencies. This includes links to all projects.

Project	Description	URL	License
ActiveMQ	JMS bus	http://www.activemq.org	Apache Software License 2.0
Ant Java	build tool	http://ant.apache.org	Apache Software License 2.0
Ant-Contrib	additional optional Ant tasks	http://ant-contrib.sourceforge.net	Apache Software License 1.1
Antlr	Java parser generator	http://wwwantlr2.org	BSD-style License
Baekmuk	Korean Truetype fonts	http://kldp.net/projects/baekmuk	BSD-style License
BCEL	Apache Jakarta Byte Code Engineering Library	http://jakarta.apache.org/bcel	Apache Software License 2.0
BSF	Bean Scripting Framework for application scripting support	http://jakarta.apache.org/bsf	Apache Software License 1.1
Cocoon	XML-based web publishing framework	http://cocoon.apache.org	Apache Software License 2.0
Commons	reusable Java components (logging, collections, cli, ...)	http://jakarta.apache.org/commons	Apache Software License 2.0
Derby	Java embedded database	http://db.apache.org/derby	Apache Software License 2.0
dnsjava	Java DNS library	http://www.dnsjava.org	BSD-style License
Docbook	Docbook document format and XSL stylesheets	http://www.docbook.org	Docbook License
dom4j	Java XML parser	http://dom4j.org	BSD-style License
Drools	Java rules engine	http://drools.codehaus.org	Drools License
dsmltools	DSML LDAP access	http://www.dsmltools.org	Mozilla Public License
EditArea	Javascript web editor	http://www.cdolivet.com/editarea	Apache Software License 2.0

Project	Description	URL	License
Ehcache	Caching library	http://ehcache.org	Apache Software License 2.0
Excalibur	Avalon utility libraries	http://avalon.apache.org/excalibur	Apache Software License 2.0
Exist	XML database	http://www.exist-db.org	GNU Library General Public License 3.0
Fins	Cocoon Charting	http://cocoondev.org/main/117-cd/29-cd.html	BSD License
Fireflysung	Chinese Truetype fonts	http://www.study-area.org/apt/firefly-font	Arphic Public License
FOP	Java PDF renderer	http://xml.apache.org/fop	Apache Software License 2.0
Forrest	XML-based documentation framework	http://xml.apache.org/forrest	Apache Software License 2.0
FTPServer	Java FTP server	http://mina.apache.org/ftpserver	Apache Software License 2.0
Fugue Icons	Icon library	http://pinvoke.com	Fugue Icons License
Gradle	Groovy-based build system	http://www.gradle.org	Apache Software License 2.0
Groovy	Java-based script language	http://groovy.codehaus.org	Apache Software License 2.0
GWT	Web-based GUI framework	http://code.google.com/webtoolkit	Apache Software License 2.0
H2	Embedded single-File Database	http://www.h2database.com	H2 License 1.0
ICU4C	International Components for Unicode	http://www.ibm.com/software/globalization/icu	X.org License
ICU4J	International Components for Unicode	http://www.ibm.com/software/globalization/icu	X.org License
j2ssh	Java SSH client library	http://sourceforge.net/projects/sshtools	GNU Library General Public License 2.0
Janino	Java compiler	http://www.janino.net	New BSD License
Jasper	Tomcat JSP compiler	http://tomcat.apache.org	Apache Software License 2.0
Jasypt	Java Simplified Encryption	http://http://www.jasypt.org/	Apache Software License, Version 2.0
Jaxen	XPath library	http://jaxen.org	Jaxen License (BSD-style)
Jaxup	XUpdate library	http://klomp.org/jaxup	Jaxup License (BSD-style)
JDOM	Java XML parser	http://www.jdom.org	JDOM License

Project	Description	URL	License
Jencks	Java JCA container	http://jencks.codehaus.org	Apache Software License 2.0
Jetty	Java servlet web container	http://jetty.mortbay.org/jetty	Apache Software License 2.0
JFreeChart	Java Charting	http://www.jfree.org/jfreechart	GNU Lesser General Public License 2.1
JPam	Java PAM wrapping library	http://jpam.sourceforge.net	Apache Software License 2.0
mimeutil	Java mime-type library	http://sourceforge.net/projects/mime-util/	Apache Software License 2.0
jRegistryKey	Java Windows registry library	http://sourceforge.net/projects/jregistrykey	Open Software License
Jsch	Java SSH client library	http://www.jcraft.com/jsch	Jsch License (BSD-style)
JsdiffLib	A Javascript Visual Diff Tool & Library	http://snowtide.com/jsdifflib	JsdiffLib License (BSD-style)
Jython	Java python interpreter	http://www.jython.org	Jython License (BSD-style)
Log4j	Java logging toolkit	http://logging.apache.org/log4j	Apache Software License 2.0
Lucene	Java search engine	http://jakarta.apache.org/lucene	Apache Software License 2.0
MX4J	JMX toolkit	http://mx4j.sourceforge.net	License (BSD-style)
Netbeans	CVS Netbeans CVS client library	http://javacvs.netbeans.org/library	Sun Public License
openadaptor	Java EAI framework	http://www.openadaptor.org	OpenAdaptor License
opencsv	Java CSV library	http://opencsv.sourceforge.net	Apache Software License 2.0
Oracle JDBC Driver	JDBC Oracle database access	http://www.oracle.com	Oracle License
ORO	Java regular expression library	http://jakarta.apache.org/oro	Apache Software License 2.0
POI	Microsoft document format access library	http://jakarta.apache.org/poi	Apache Software License 2.0
Prefuse	Java visualization library	http://prefuse.org	BSD-style license
Quartz	Java scheduling library	http://www.opensymphony.com/quartz	Apache Software License 2.0
Rhino	Javascript interpreter	http://www.mozilla.org/rhino	Mozilla Public License 1.1
Sazanami	Japanese TrueType fonts	http://sourceforge.jp/projects/efont	BSD-style License
ServiceMix	ESB server	http://servicemix.apache.org	Apache Software License 2.0

Project	Description	URL	License
ServingXml	XML pipeline library	http://servingxml.sourceforge.net	Apache Software License 2.0
Snmp4j	SNMP library	http://www.snmp4j.org/	Apache Software License 2.0
Smart-GWT	Dynamic Web GUI library	http://www.smartclient.com/smartgwt	GNU Library General Public License 3.0
Solr	Java search server	http://lucene.apache.org/solr	Apache Software License 2.0
Spring	Java application framework	http://www.springframework.org	Apache Software License 2.0
Spring Security	Java authentication security library	http://projects.spring.io/spring-security/	Apache Software License 2.0
StaX	Java XML pull parser	https://sjsxp.dev.java.net	Binary Code License Agreement
TM4J	Java topicmap engine	http://www.tm4j.org	TM4J License
Tuscany	Simple data object	http://tuscany.apache.org	Apache Software License 2.0
util.concurrent	concurrency and threading library	http://gee.cs.oswego.edu/dl/classes/EDU/oswego/cs/dl/util/concurrent/intro.html	No license
Velocity	Template engine	http://velocity.apache.org	Apache Software License 2.0
VMTools	XML diff library	http://www.vmsystems.net/vmtools	VMTools License (BSD-Style)
Xalan	Java stylesheet processor	http://xml.apache.org/xalan-j	Apache Software License 2.0
XBean	Customized spring XML configuration library	http://xbean.org/	Apache Software License 2.0
Xerces	Java XML parser	http://xml.apache.org/xerces2-j	Apache Software License 2.0
XIA	Ant Xinclude task	http://www.jeckle.de/freeStuff/xia	GNU Library General License 3.0
XML RPC	Java XML RPC library	http://ws.apache.org/xmlrpc	Apache Software License 2.0
XML-Security	Java XML security library	http://santuario.apache.org/Java/index.html	Apache Software License 2.0
XML Ant Task	XML manipulation ant task	http://www.oopsconsultancy.com/software/xmltask	Apache Software License 1.1