

Fujitsu Software openUTM WebAdmin in openUTM Enterprise Edition V7.0A and in openUTM on BS2000-Systems V7.0A



Version 7.0A
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Release Notice

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1 General

This Release Notice refers to Fujitsu Software openUTM WebAdmin V7.0A, a web application for the administration of openUTM applications.

*4 openUTM WebAdmin is installed once centrally and then provides a web application that can be accessed by any client computer, on which only a web browser is required. openUTM WebAdmin V7.0A is delivered together with the Web server Apache Tomcat, in which the web application is deployed automatically during the initial start.

openUTM WebAdmin V7.0A runs on different Windows systems as well as on Linux systems.

A separate variant is provided for running openUTM WebAdmin as an add-on in the SE Manager.

Fujitsu Software openUTM is part of the comprehensive middleware suite openSEAS.

The openSEAS middleware suite enables the simple innovation of individual applications and the interaction of existing and new applications.

openSEAS perfectly complements the Fusion middleware of our strategic partner Oracle. Oracle Fusion middleware is a leading market family of pre-integrated products, which ranges from application infrastructure development applications through to business intelligence.

Together this provides the platform for:

- Individual business-critical IT solutions
- Company portals
- Integration solutions for service-oriented architectures
- Web applications and portals
- Business processes

This Release Notice is a summary of the major extensions, dependencies and operating information with respect to openUTM WebAdmin V7.0A.

*5 The release level is that of: June 2025.

*1 Changes in openUTM WebAdmin V7.0A10 from October 2020 compared to November 2019 are marked with *1.

*2 Changes in openUTM WebAdmin V7.0A25 from November 2022 compared to October 2020 are marked with *2.

*3 Changes in openUTM WebAdmin V7.0A26 from April 2023 compared to November 2022 are marked with *3.

*4 Changes in openUTM WebAdmin V7.0A27 from March 2024 compared to April 2023 are marked with *4.

*5 Changes in openUTM WebAdmin V7.0A32 from June 2025 compared to March 2024 are marked with *5.

*5 The content has been modified with respect to the release level V7.0A27.

*5 It corresponds to the correction level V7.0A32: June 2025.

*1 This and other Release Notice(s) are available online at:

*1 <https://bs2manuals.ts.fujitsu.com>

*1 If one or more previous versions are skipped when this product version is used, the information from the Release Notices (and README files) of the previous versions must also be noted.

The use of names, trademarks, etc. in this Release Notice does not entitle readers to assume that these names/designations may be used without restriction by anyone; often the names/designations are protected by law or contract, even if this is not indicated here.

There is a file - ThirdPartyLicenseReadme.txt - under docs/licences in the installation directory, in which the openSource licenses used are listed.

Overview of functions:

openUTM WebAdmin V7.0A provides a convenient graphical web-interface for administering UTM applications.

Applications running on different computers and under different operating systems (BS2000, Unix, Linux and Windows systems) can be managed from a web browser (even simultaneously).

All functions offered by the administration program interface ADMI of openUTM V7.0A are supported.

1.1 Ordering

openUTM WebAdmin V7.0A is a component of the openUTM Enterprise Edition V7.0A resp. openUTM on BS2000 systems V7.0A and can be purchased from your local distributors (see section 1.2 Delivery).

The product consists of:

- Licenses
- Manual in the form of a PDF file

Licenses:

The licenses for openUTM WebAdmin V7.0A are included in the licenses for the products openUTM Enterprise Edition V7.0A and openUTM on BS2000 systems V7.0A.

1.2 Delivery

openUTM WebAdmin V7.0A is made available via download from the Internet only. It can be downloaded via the openUTM site:

[openUTM - Transaction Monitor : Fujitsu EMEIA](#)

*3

As an add-on to the SE Manager openUTM WebAdmin V7.0A is made available as an ISO image at the link specified above.

After downloading, you may have to transfer the package to the target platform.
For more information see section 3.3 "Product installation".

1.3 Documentation

A detailed description of the functionality of openUTM WebAdmin V7.0A as a pdf-document is available on the Internet

<https://bs2manuals.ts.fujitsu.com>.

In addition, openUTM WebAdmin provides a detailed online help system.

2 Software extensions

2.1 New functions/changes in openUTM WebAdmin V7.0A

openUTM WebAdmin supports all the new features of openUTM V7.0A relating to the program interface for the administration.

*1 2.2 New functions/changes in openUTM WebAdmin Add-on V7.0A10

- *1 • Adaption of the installation and the dhandler to SLES 12.
- *1 • Use of the *systemd* services as of SEM V6.4
- *1 In SEM V6.2 and SEM V6.3 the *initd* services, as of SEM V6.4 the *systemd* services are used.
- *1 • The openUTM WebAdmin Add-on supports with M2000 V6.4 the SEM role “openUTM WebAdmin Administrator”.
- *1 • Use of an own Java environment
- *1 As of openUTM WebAdmin V7.0A10, the Add-on uses its own Java environment. Therefor, a JRE (OpenJDK V8) is also necessary.
- *1

2.3 New functions/changes in openUTM WebAdmin Standalone V7.0A25

- *2 • Log4J update to version 2.17.2
- *2 Update of the open source software Log4J from version 1.2.17 to 2.17.2.
- *2 • Value ‘H’ for protocol type
- *2 The protocol type for objects BCAMAPPL and PTERM may also have the value ‘H’ for HTTP/HTTPS protocol.
- *2
- *2 • Update Tomcat to version 7.0.109
- *2 Update of the open source software Tomcat from version 7.0.94 to version 7.0.109.

*3 2.4 New functions/changes in openUTM WebAdmin Add-on V7.0A26

- *3 • Support of SEM V6.5
- *3 WebAdmin V7.0A26 supports the new role concept as of SEM V6.5. The former role concept
- *3 until SEM V6.4 is still supported.

*4 2.5 New functions/changes in openUTM WebAdmin V7.0A27

- *4 • Tomcat Update to version 9
- *4 Update of the open source software Tomcat from version 7.0.109 to version 9.0.86.
- *4 • Java Update to version 11
- *4 As of WebAdmin V7.0A27 Java 11 will be delivered within the AddOn and is a requirement for
- *4 the standalone version.

*5 **2.6 New functions/changes in openUTM WebAdmin V7.0A32**

- *5 • Tomcat Update to version 9.0.105
*5 Update of the open source software Tomcat from version 9.0.86 to version 9.0.105.
- *5 • Java Update to version 17
*5 As of WebAdmin V7.0A32 Java 17 will be delivered within the AddOn and Java 17 is a
*5 requirement for the standalone version.
- *5 • Display of the lists of all objects of a type as well as the statistics collectors over all standalone
*5 applications of a collection and selection of list objects to get a property dialog for concerted
*5 modification or deletion. Concerted creation of new objects for standalone applications of a
*5 collection.
- *5 • Concerted modification of global application properties and other functions for all standalone
*5 applications of a collection.
- *5 • The standalone WebAdmin also offers a REST API to retrieve data from configured UTM
*5 applications that are available via the administration program interface.

2.7 Realized Change Requests (CR)

- *2 • Script to start Tomcat with WebAdmin as Windows service.
- *2 • Overview of all applications
*2 An overview of all applications, as in WinAdmin, is now also possible in WebAdmin.
- *2 • Number of statistic collectors in diagrams increased to 10
*2 As of WebAdmin V7.0A25 it is possible to display up to 10 different statistic values in one
*2 diagram. The statistic values can belong to different applications.
- *2 • Automatic export of statistical data to files
*2 The statistical data collected by WebAdmin can now be automatically exported to files. The
*2 export can be set globally (daily, weekly, monthly). This function is only available in WebAdmin
*2 Standalone.

3 Technical information

3.1 Resource requirements

*2 Hard disk requirements for complete installation approx. 150 MB.
At least 4 GB of main memory should be available.

3.2 Software configuration

*5 openUTM WebAdmin is written in pure Java and requires a Java-JDK version Java SE 17 in order to run.

This must already be installed on the target computer before installing WebAdmin.

*2 openUTM WebAdmin is running in a 64-bit Java environment.

*1 As of openUTM WebAdmin V7.0A10 this Add-on uses its own Java environment in the SE
*5 Manager. Therefor an additional JRE (OpenJDK V17) is required.

Supported browsers:

- *5 • Microsoft Edge as of V134
- *5 • Mozilla Firefox as of V128
- *5 • Google Chrome as of V135

JavaScript and cookies must be enabled.

Operating systems:

- *5 • Windows 64 Bit Windows 11
- *5 • Windows Server 64 Bit Windows Server 2022
- *2 • Linux (SuSE) x86 64 Bit as of SLES 12
- *2 • Linux (RedHat) x86 64 Bit as of RHEL 7.8
- additional systems on demand
- *5 • M2000 (WebAdmin Add-on) V6.4/V6.5/V6.6
- openFT as of V12 (optional, see section 3.4.3)

openUTM versions:

*2 openUTM WebAdmin V7.0A fully supports administration of UTM applications as of version V7.0A.

3.3 Product installation

3.3.1 Installation with GUI

*5 An IzPack installation is available in the form of the JAR file “WebAdmin70A32.jar” for the installation.

*5 To carry out the installation run the command “<javapath>/bin/java -jar WebAdmin70A32.jar” in the
*5 directory, in which the file “WebAdmin70A32.jar” is located, and then follow the instructions of the installation program.

*2 Please see the openUTM WebAdmin manual for information on an update installation.

3.3.2 Installation using command line

Open the install file WebAdmin-auto.xml and adapt the appropriate installation path. In the relevant system, open a window for command entry, e.g. shell or DOS prompt with admin rights and run the command "<javapath>\bin\java -jar WebAdmin70A32.jar WebAdmin-auto.xml" in the directory where the files WebAdmin7.0A32.jar and WebAdmin-auto.xml resides.

The directory "<javapath>" is the directory, in which the Java JDK is installed on the target computer.

Installation must not be carried out in the "Program Files" (or "Programs") directory of Windows, because WebAdmin must be able to write or change files in the installation directory.

3.3.3 Installation in the SE Manager

Information about the installation of the iso image in the SE Manager can be found in the BS2000 manual "SE700 / SE500 / SE300 Operation and Administration", which is available on the manual server.

<https://bs2manuals.ts.fujitsu.com>

3.4 Product use

3.4.1 Notes on migrating to openUTM WebAdmin V7.0A

openUTM WebAdmin V7.0A supports the following version migrations with regard to the configuration data:

WebAdmin V6.5A	→	WebAdmin V7.0A
WebAdmin V7.0A	→	WebAdmin V7.0A

3.4.2 Notes on connection to openUTM applications

The connections to the UTM applications to be administered are made using the software openUTM-JConnect. The components of the product JConnect, which are required to run WebAdmin, are supplied and installed together with WebAdmin.

Without license openUTM-JConnect may only be used in connection with openUTM WebAdmin.

The program KDCWADMI and the TAC KDCWADMI must be generated for UTM applications. In order to do this, the following KDCDEF statements must be added to the generation:

```
PROGRAM KDCWADMI,COMP=ILCS      (in BS2000 systems)      resp.
PROGRAM KDCWADMI,COMP=C        (in Linux and Windows systems)  and
TAC KDCWADMI,PROGRAM=KDCWADMI,CALL=BOTH,ADMIN=Y
```

By default, the program unit is delivered with openUTM in the UTM libraries, which were used for linking a UTM application, and therefore it does not have to be specially linked.

In addition, access for the UPIC client WebAdmin must be generated, for instance using the following KDCDEF statements:

```
BCAMAPPL <bcamapplname>,T-PROT=RFC1006      (in BS2000 systems)  resp.
BCAMAPPL <bcamapplname>,T-PROT=RFC1006, LISTENER-PORT=<port-number>
                                                (in Linux and Windows systems)
USER WEBADMIN,PASS=C'XYZ',PERMIT=ADMIN,RESTART=NO
TPOOL LTERM=<ltermname>,NUMBER=10,PRONAM=*ANY,
      PTYPE=UPIC-R,BCAMAPPL=<bcamapplname>
```

A password is not mandatory for openUTM WebAdmin users. If a password is assigned, it must be printable and it must comply with the restrictions with respect to the character set given by the UPIC interface.

Access via LTERM / PTERM

As an alternative to access via the terminal pool (TPOOL statement) a connection can also be explicitly generated for WebAdmin:

```
*5 USER <upicus>, PERMIT=ADMIN
*5 LTERM <ltermname>, USER=<upicus>
PTERM <ptermname>, LTERM=<ltermname>, PRONAM=<processorname>,
      BCAMAPPL=<bcamapplname>, PTYP=UPIC-R, LISTENER-PORT=<port-number>
```

When defining the UPIC connection in WebAdmin, it is necessary to specify <ptermname> for the PTERM name. In the case of the explicit UTM generation of a connection for WebAdmin the name of the WebAdmin application computer must be specified with <processorname>. See the corresponding paragraph above for the listener port and selector format for the PTERM statement.

Advantage of the explicit connection for WebAdmin: You can minimize the reaction times of UTM applications under load by generating:

```
MAX PRIVILEGED-LTERM=<ltermname>.
```

3.4.3 Notes on the use of openFT

The "Starting UTM applications" function requires openFT.

openFT is, however, not mandatory and can also be installed subsequently.

openFT is available for a fee and must be purchased separately.

If you require openFT, ensure that openFT is installed and configured on both the WebAdmin computer and on the computer hosting the UTM-application. Configuration must be carried out for both directions (send/receive). The openFT options "Inbound processing" and "Inbound receive" must be set for WebAdmin.

3.5 Discontinued functions (and those to be discontinued)

None.

3.6 Incompatibilities

- *2 • Name of Log4J Properties files
- *2 As of WebAdmin V7.0A25, the names of the properties files, that contain the logging
- *2 configuration, have been changed to WebAdmin.log4j2.properties...
- *2 The syntax in these files has been adapted to the requirements of Log4J2.

3.7 Procedure in the event of errors

The following details are required for accurate error diagnosis:

- An exact description of the situation
- The versions of the software involved
- The computer type

The WebAdmin-Trace with enabled UPIC trace should be made available.

In the event of errors which occur in the context of the UTM application, UTM diagnostic is also required:

- UTM-KDCDEF generation
- gcore files (Unix and Linux systems) /USER dumps (BS2000 systems)
- SYSLOG
- SYSOUT/stdout/stderr log files
- UTM dumps if necessary

4 Hardware requirements

A screen resolution of at least 1024 x 768 pixels is recommended. If the resolution is lower, dialogs may possibly no longer be shown in full on the screen.