FUJITSU Software openUTM WinAdmin

in openUTM Enterprise Edition V7.0A

and in openUTM in BS2000 systems V7.0A

Version 7.0A

November 2019

Release Notice

1 General

This Release Notice refers to FUJITSU Software openUTM WinAdmin V7.0A, a program offering a graphical interface for the administration of openUTM applications.

openUTM WinAdmin V7.0A runs on Windows and Windows Server, as well as on Linux systems.

FUJITSU Software openUTM WinAdmin is realized as a stand-alone Java application. In contrast there exists the Web application software named FUJITSU Software openUTM WebAdmin, which allows the administration of UTM applications from a Web Browser frontend.

FUJITSU Software openUTM is part of the comprehensive middleware suite openSEAS range.

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 WinAdmin V7.0A.

Changes which have become known subsequently are updated and provided in this file.

The content refers to release level: November 2019.

All Unix, Linux and Windows product Release Notices including this one are available on the Internet under the following URL:
https://bs2manuals.ts.fujitsu.com

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 WinAdmin V7.0A provides a convenient graphical interface for UTM applications. Applications running on different computers and under different operating systems (BS2000, Unix, Linux and Windows systems) can be managed from a single workstation (even simultaneously).

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

1.1 Ordering

openUTM WinAdmin V7.0A is a component of the openUTM Enterprise Edition V7.0A resp. openUTM under BS2000 systems V7.0A and can be purchased from your local distributors. The general terms and conditions for sales, maintenance, software provision and software support agreements apply for openUTM WinAdmin V7.0A.

The product consists of:
- Licenses
- Data carrier containing the software
- Manual in the form of a PDF file

Licenses:

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

Export restrictions apply to the use of the encryption functionality.

If this functionality is to be used outside Germany, a special export permit must be obtained in advance.

1.2 Delivery

openUTM users under BS2000 systems will receive openUTM WinAdmin on the WinAdmin CD V7.0 free of charge.

For all other openUTM user openUTM WinAdmin is provided on openUTM EED CD V7.0.

Additional software products are stored on this data media and additional licenses must be purchased for this if such licenses are not already included in the licenses already purchased.

1.3 Documentation

A detailed description of the functionality of openUTM WinAdmin V7.0A as a pdf-document is available on the Internet
https://bs2manuals.ts.fujitsu.com.
In addition, openUTM WinAdmin provides a detailed online help system.

2 Software extensions

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

- openUTM WinAdmin supports all new features of openUTM V7.0A relating to the program interface for the administration.
- WinAdmin uses the Jetty Web Server, for diplaying the Online help in a browser.

2.2 Implemented change requests (CR)

not applicable

3 Technical information

3.1 Resource requirements

Hard disk requirements for complete installation   approx. 40 MB

At least 1GB of main memory should be available.

3.2 Software configuration

openUTM WinAdmin is written in pure Java and requires a Java-JDK as of version Java SE 8 in order to run.
This can be downloaded free-of-charge on the Internet site of Oracle and must already be installed on the target computer before installing WinAdmin.

Systems:
- Windows   32/64 Bit   Windows 8.x/Windows10
- Windows Server   32/64 Bit   Windows Server 2016/Windows Server 2019
- Linux (SuSE) x86   32/64 Bit   as of SLES 11 PL2
- Linux (RedHat) x86 32/64 Bit   as of RHEL 7.2
- additional systems on demand

- openFT   as of V11 (optional, see chapter 3.4.3)

openUTM versions:
openUTM WinAdmin V7.0A fully supports administration of UTM applications as of version V6.4A.

3.3 Product installation

Installation of openUTM WinAdmin on Windows:

Installation using GUI:
To install on Windows change to the product directory and select "WinAdmin.msi". The installation must be executed as administrator.
Installation using command line:

Open the installation file WinAdmin-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 WinAdmin70A00.jar WinAdmin-auto.xml" in the directory where the files WinAdmin70A00.jar and WinAdmin-auto.xml resides.

The installation must not be in the "Program Files" (or "programs") directory of Windows as WinAdmin files in the installation directory must be written or modified.

Installation of openUTM WinAdmin under Linux systems:

Installation using GUI:
Perform the command "<javapath>/bin/java -jar WinAdmin70A00.jar" in the directory with the file "WinAdmin70A00.jar" and follow the instructions of the installation program.

Installation using command line:
Open the installation file WinAdmin-auto.xml and adapt the appropriate installation path. In the directory where the files WinAdmin70A00.jar and WinAdmin-auto.xml resides run the command "<javapath>/bin/java -jar WinAdmin70A00.jar WinAdmin-auto.xml".
The directory "<javapath>" is the directory, in which the Java JDK is installed on the target computer.

3.4   Product use

3.4.1   Notes on migrating to openUTM WinAdmin V7.0A

openUTM WinAdmin V7.0A supports the following version migrations with regard to the configuration data:
>   WinAdmin V6.4A ===> WinAdmin V7.0A
>   WinAdmin V6.5A ===> WinAdmin V7.0A
>   WinAdmin V7.0A ===> WinAdmin V7.0A

During the initial start WinAdmin offers the following functions:
1. Create a new database
2. Transfer the data from WinAdmin V6.4, V6.5 or the V7.0 database (Freeware SQL database *.h2.db).

3.4.2   Notes on connection to openUTM applications

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 explicitly linked.
In addition, access for the UPIC client WinAdmin 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 WINADMIN,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 WinAdmin users. If a password is assigned, it must
be printable and it must comply with the restrictions regarding 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:

```
LTERM <ltermname>

PTERM <ptermname>,LTERM=<ltermname>,PRONAM=<processorname>,

      BCAMAPPL=<bcamapplname>,PTYPE=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

Several functions (Start UTM applications, Start KDCDEF/KDCUPD) require the product
openFT.

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

openFT is a product with costs and must be ordered separately.

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

3.5 Obsolete functions (and those to be discontinued)

With this version WinAdmin will be supported for the last time.

Following functions are obsolete:
- Import of a Microsoft database into an empty h2 database
- Import of a collection file into the h2 database.

3.6 Incompatibilities

not applicable

3.7 Restrictions

not applicable

3.8 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 WinAdmin-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 applicable

4 Hardware support

A CD drive is required for the installation of openUTM WinAdmin V7.0A.
A screen resolution of at least 1024 x 768 pixels is recommended.