

Tech Mahindra Access Registrar 10.3 Release Note

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Tech Mahindra Access Registrar 10.3.0.0 Release Note

Tech Mahindra Access Registrar is a high performance, carrier class, 3GPP-compliant, 64-bit RADIUS/Diameter solution that provides scalable, flexible, intelligent authentication, authorization, and accounting (AAA) services.

Tech Mahindra Access Registrar comprises a RADIUS/Diameter server designed from the ground up for performance, scalability, and extensibility for deployment in complex service provider environments including integration with external data stores and systems. Session and resource management tools track user sessions and allocate dynamic resources to support new subscriber service introductions.



Note

Tech Mahindra Access Registrar can be used with Red Hat Enterprise Linux (RHEL) 9.x and 8.x operating system. Also, Tech Mahindra Access Registrar is qualified with VMWare ESXi 8.0

Contents

This release note contains the following sections:

- [System Requirements](#)
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System Requirements

This section describes the system requirements to install & use Tech Mahindra Access Registrar software.

[Table 1](#) lists the system requirements for Tech Mahindra Access Registrar 10.3

Table 1 Minimum Hardware and Software Requirements for Tech Mahindra Access Registrar Server

OS Version	RHEL 8.x and RHEL 9.x You must have the 64-bit rpm files for the relevant RHEL versions while installing Tech Mahindra Access Registrar. For the list of required rpms for the relevant OS versions, see Required 64-bit rpms for Relevant RHEL OS Versions
Model	X86
Processors	8
CPU Speed	2.30 GHz
Memory (RAM)	32 GB
Swap Space	10 GB
Disk Space	1*300 GB

Tech Mahindra Access Registrar supports JDK versions 17.x and 21.x.



Note

These are the minimum system requirements to have Tech Mahindra Access Registrar up and running. This may vary based on the deployments. Please contact your BU team to know the specific system requirements for your deployment.

Required 64-bit rpms for Relevant RHEL OS Version 8.x and 9.x

rpm list
Brotli
c-ares
cyrus-sasl-lib
Glibc
glib2
json-c
keyutils-libs
krb5-libs
Libbson
libcom_err
Libcurl
Libicu
libidn2
Libgcc
Libmongocrypt
libnghttp2
Libnsl
Libpsl
Libselinux
Libssh
libstdc++
libtool-ltdl
Libunistring
Libxcrypt
libxml2
Libzstd
lksctp-tools
mongo-c-driver-libs
ncurses-libs
nss-softoken-freebl
nss-util
Nspr
Nss
Openldap
openssl-libs
Pcre
pcre2
pcre-cpp

rpm list
Snappy
sqlite-libs
Tcl
unixODBC
xz-libs
Zlib

Additional 64-bit rpms required for RHEL OS Version 9.x

rpm list
Chkconfig
Initscripts
libnsl2

Co-Existence with Other Network Management Applications

To achieve optimal performance, Tech Mahindra Access Registrar should be the only application running on a given server. In certain cases, when you choose to run collaborative applications such as a SNMP agent, you must configure Tech Mahindra Access Registrar to avoid UDP port conflicts. The most common conflicts occur when other applications also use ports 2785 and 2786. For more information on SNMP configuration, see the “Configuring SNMP” section in the “Configuring Tech Mahindra Access Registrar” chapter of the [Tech Mahindra Access Registrar 10.1 Administrator Guide](#).

Tech Mahindra Access Registrar 10.3 Feature Set

This section contains the following information:

- [Fixed Anomalies in Tech Mahindra Access Registrar 10.3.0.0](#)

Fixed Anomalies in Tech Mahindra Access Registrar 10.3.0.0

[Table 2](#) lists the anomalies fixed in Tech Mahindra Access Registrar 10.3.0.0 release.

Table 2 *Fixed Anomalies in Tech Mahindra Access Register 10.3.0.0*

Bug ID	Description
TMAR-34	DOIC: Support
TMAR-35	Gamin dependency added into /techm-ar/lib directory
TMAR-36	Smart Licensing Prompt Removed in Installation Steps
TMAR-37	Backup-Restore script Modification to include mcd and snmpd files

TMAR-38	Display License Manager PID in arstatus Script
TMAR-25	CER sends Management IP on Host-IP address
TMAR-40	Radius process spawning defunct process
TMAR-41	TMAR Vulnerability - servlet-api-3.1.1
TMAR-42	License Manager Libraries Upgrade
TMAR-43	Apache Log4j 2.25.3 Vulnerability
TMAR-44	Apache Tomcat 9.0.112 Vulnerability
TMAR-45	Node Exporter - Golang, selinux, x-crypto Vulnerability
TMAR-46	CLI Help correction for release-sessions
TMAR-47	Spring Boot Migration from 2.7.30 to 3.5.16
TMAR-48	Upgrade JDK from Java 8 to Java 17
TMAR-49	Migrate Apache Tomcat from 9.0.117 (javax) to 10.1.54 (Jakarta EE)
TMAR-50	Upgrade REST API code base for JDK 17 compatibility
TMAR-51	Upgrade License Manager Module to support Java 17
TMAR-52	To remove the glib dependency check
TMAR-53	TMar license parsing issue with long feature name
TMAR-56	Jackson 2.21.3 Vulnerability

Related Documentation

For a complete list of Tech Mahindra Access Registrar documentation, see the [Tech Mahindra Access Registrar 10.1 Documentation Overview](#).



Note

We sometimes update the documentation after original publication. Therefore, you should also review the documentation on techmahindra.com for any updates.