

GENOA Transformer © System Requirements

Version 2.3 (Revision 106)

Last Update 14.05.2018



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1. HARDWARE REQUIREMENTS GENOA TRANSFORMER ©

1.1 HARDWARE REQUIREMENTS IN GENERAL

GENOA Transformer © hardware requirements depend on the size of your environment. GENOA Transformer © also has requirements for third-party software compatibility.

To determine the CPU and disk space requirements for GENOA Transformer ©, you must consider the number of devices that you plan to activate, the types of connection that devices use, and the level and type of user activity on devices.

The hardware requirements of GENOA Transformer © depends on the IBM Traveler Server requirements.

- If GENOA Transformer © is installed on the existing IBM Traveler Server, the GENOA Transformer © application must have a factor of 1,6 as minimum of the IBM Traveler requirements
- If GENOA Transformer © is seperated on an additional server, the GENOA Transformer © application must have a factor of 0,25 as minimum of the IBM Traveler requirements. The seperated IBM Traveler server must have a factor of 1,3 as minimum of the IBM Traveler requirements.

Note: For more information about the IBM Traveler requirements, see the [Capacity planning guidelines for IBM Traveler](#).

1.2 HARDWARE REQUIREMENTS FOR UP TO 500 DEVICES

For up to 500 Devices, install the GENOA Transformer © on the existing IBM Traveler Server. A domain with this configuration can have a maximum of 500 devices.

Requirements

- 4 processor cores, 2.7 GHz
- 16 GB of available memory
- 20 GB of disk space

1.3 HARDWARE REQUIREMENTS FOR UP TO 2500 DEVICES

For up to 2500 Devices, install the GENOA Transformer © on the existing IBM Traveler Servers. A domain with this configuration can have a maximum of 2500 devices.

Requirements

- 8 processor cores, 2.7 GHz
- 16 GB RAM
- 60 GB of disk space

2. THIRD-PARTY SOFTWARE REQUIREMENTS

For more information about which third-party software is compatible with GENOA Transformer ©, see the Compatibility matrix.

3. ADDITIONAL GENOA TRANSFORMER © REQUIREMENTS

GENOA Transformer © has some specific software requirements to be aware of.

3.1 SOFTWARE REQUIREMENTS GENOA TRANSFORMER ©

3.1.1 PIM-SYNCHRONISATION BY GENOA TRANSFORMER ©

The computer you install GENOA Transformer © on must have IBM Domino Server and http Task up and running. To Support PIM Synchronisation, the BUEM Server must be configured, up and running first. For more information about which third-party software is compatible with GENOA Transformer ©, see the GENOA Transformer © compatibility matrix

- The computer you install GENOA Transformer © on must have Internet Sites Documents enabled in IBM Domino Server.
- All IBM Domino servers containing mailboxes must have added the GENOA Transformer © server name (or group where the GENOA Transformer © is member of) to the trusted servers (security > server access > trusted servers) in the server documents.

Note: If you are using a 32 bit host system, you can maximum support up to 100 devices. A 32 bit host system is not recommended.

Hostsystem

- IBM Domino Server
- IBM Traveler Server
- IBM Notes Client - Windows (for installation and updates of GENOA Transformer)

3.1.2 E-MAIL PUSH NOTIFICATION (EPN) SUPPORT BY GENOA TRANSFORMER ©

The computer you install GENOA Transformer © E-Mail Push Notification (EPN) on must have IBM Domino Server and the RunJava component installed. To support EPN, BEMS with "Mail-Service enabled" must be configured, up and running in the BUEM environment first.

For more information about which third-party software is compatible with GENOA Transformer ©, see the GENOA

3.1.3 NOTES NATIVE ENCRYPTION (NNE) READING SUPPORT BY GENOA TRANSFORMER ©

- All IBM Domino servers containing mailboxes must have the http task (incl iNotes) enabled and configured.

3.2 NETWORK REQUIREMENTS GENOA TRANSFORMER ©

3.2.1 PIM-SYNCHRONISATION BY GENOA TRANSFORMER ©

The computer you install GENOA Transformer © on must have:

- One additional virtual host with one IP address on the same subnet as the IBM Traveler Server
- One DNS entry for the virtual host (example transformer.domain.local).
- A HTTP communication between the GENOA Transformer and the IBM Traveler Server
- A HTTPS communication between BlackBerry UEM (BlackBerry Proxy) and the GENOA Transformer © Server
- A outgoing connection to license.genoa.at (TCP-Port 443) is required. The connection can be established over a direct link or a HTTP-proxy (with or without authentication enabled).

3.2.2 E-MAIL PUSH NOTIFICATION (EPN) SUPPORT BY GENOA TRANSFORMER ©

The computer you install GENOA Transformer © EPN on must have:

- NRPC (Notes Remote Procedure Call) communication between the GENOA Transformer and GENOA Transformer © EPN component.
- outgoing connection to gdweb.good.com (TCP-Port 443) is required. The connection can be established over a direct link or a HTTP-proxy (with or without authentication enabled).

The SQL Server requirements are:

- SQL communication between GENOA Transformer © EPN component and the BlackBerry BEMS SQL Database.
- SQL Server mixed authentication mode on the SQL-Server needed
Note: Not needed for Kerberos enabled configuration
- SQL-only user (no windows-user!) with read-only access to the BEMS DB and set default DB to BEMS DB also.
Note: For Kerberos enabled configuration must be a windows user

3.2.3 NOTES NATIVE ENCRYPTION (NNE) READING SUPPORT BY GENOA TRANSFORMER ©

- HTTP/HTTPS communication between the GENOA Transformer and the IBM Domino Servers containing mailboxes.
- The GENOA Transformer © host name and IBM Domino Servers containing mailboxes host names must be in the same DNS Domain (example transformer.**domain.local** matches mailserver.**domain.local**)

3.3 CERTIFICATE REQUIREMENTS GENOA TRANSFORMER ©

- One certificate (example selfsign) for the virtual host (example transformer.domain.local)