

# DME System Requirements

To run the DME server, consult the following guide to verify that your system complies with the DME system requirements. The guide applies to the latest version of DME: *DME Server 3.6*.

DME recommends the following minimum specifications for a system with 100 users.

For information about clustering or virtualization, please request separate documentation.



## Server hardware requirements

A 32 or 64 bit Intel or AMD based server equipped with at least:

- 3.0 GHz processor
- 4 GB RAM
- 75 GB hard drive
- 1Gbit network interface card, full duplex, with auto negotiation off
- 1 available USB or RS232 communication port (*USB only supported on Windows*)
- Siemens MC35i modem or SMS Center account

For larger systems, add more memory and hard drive space.

For small to medium installations, the DME connector can be installed on the DME server machine. In this case, add 2 GB RAM to the server.

Furthermore, a fast Internet connection is required, where the capacity is based on how many clients need to be concurrently connected. You can calculate this according to the following formula:

*Internet bandwidth* (in Kbit) divided by a *typical GPRS speed* of 42 Kbit = *maximum number of concurrent users*.

For example, a 2 Mbit connection will support  $(2048/42) = 48$  concurrent client connections.

## Connector hardware requirements

When installing the connector on a separate server, use a 32 or 64 bit Intel or AMD based server equipped with:

- 3.0 GHz processor
- 4 GB RAM
- 40 GB hard drive
- 100/1000 Mbit network interface card

-or better. The operating system requirements for connectors correspond to the server requirements below. Note that if you run multiple Domino connectors using *Notes session* mode, they must all run *32 bit*.

## 32 or 64 bit operating system requirements



Red Hat Enterprise Linux 5 (without virtualization support).

SuSE Linux Enterprise Server 11 (without virtualization support).



Microsoft Windows 2003 Server and 2003 Server R2 with all patches applied.

Microsoft Windows 2008 Server R1 and R2 with all patches applied.

**Virtualization:** VMware ESX and ESXi 3.x or later. Version 4.x is highly recommended.



Java 6.x.

## Collaboration system requirements



32 bit Lotus Domino 8.0 or later.

32/64 bit Lotus Domino 8.5 or later.

Restrictions apply when using Domino on the IBM iSeries, pSeries, and zSeries platforms. Please contact your DME Partner for further information.

Domino LDAP.



Microsoft Exchange 2003 SP 2 (note that only critical issues will be addressed in DME 3.6).

Microsoft Exchange 2007 SP 1.

Microsoft Exchange 2010 SP 1.

Microsoft Active Directory.

Make sure to keep the collaboration system updated with all service packs and patches.

*Special requirements for installing a connector in Notes Session mode:* The connector can only be installed *on Windows*, and only using a *Notes 8.5.x Basic client*. As Notes is a 32 bit application, we recommend installing the connector on *Windows 2003 Server*, as IBM does not support Notes clients on Windows 2008 Server.

Note also that it is possible to authenticate users against a generic LDAP, such as Open LDAP or Novell eDirectory.

If you use anonymous Basic MDM clients only, you can disregard collaboration system requirements.

## SSL certificate requirements

For SSL communication between the server and the clients, an SSL certificate from a trusted Certificate Authority (CA) such as VeriSign, Thawte, and similar is *highly recommended*. Using an SSL certificate from a trusted CA is *required* for the Android and Java client platforms and when using OMA DM features. Using a self-signed SSL certificate only works well in an all-Symbian installation that is not using OMA DM.

## Database system requirements



Microsoft SQL Server 2005/2008 on a separate server.  
MySQL 5.0 on a separate server.  
MySQL 5.0 on the DME server (installed by DME).

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Microsoft SQL Server 2005/2008 on a separate server.

- The connection between the database server and DME must run over a 1 Gbit line or faster.
- The server should be a powerful, dedicated database server only servicing DME.
- For more *MS SQL Server database* requirements, see the [DME Installation](#) documentation.

## SMS gateway software requirements

Apart from an SMS modem or an SMS center account, you need the following software:



Kannel, latest version. Open source from [www.kannel.org](http://www.kannel.org)

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Now SMS/MMS Gateway from <http://www.nowsms.com/>

Now SMS/MMS Lite

Kannel for Windows has a number of limitations, and is not supported.

## Browser requirements

In order to manage DME using the DME web administration interface, you must use one of the following browsers:

- Google *Chrome* version 11
- *Safari* version 5
- *Firefox* version 4

Other browsers may work, but are not officially supported.

Furthermore, some windows in the DME interface require a minimum screen resolution of **1280x1024** pixels.

To find out more about which devices are supported by DME, go to [www.excitor.com/supporteddevices](http://www.excitor.com/supporteddevices).

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### EXCITOR – THE COMPANY BEHIND DME

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