DME System Requirements

DME 5.0

Document version 3.11

Published 05-12-2017

Contents

Legal information

Copyright information

Copyright © 2017 Soliton Systems

All rights reserved.

Due to continued product development, this information may change without notice. The information and intellectual property contained herein is confidential between Soliton Systems and the client, and remains the exclusive property of Soliton Systems.

If you find any problems in the documentation, please report them to us through our customer support services. Soliton Systems does not warrant that this document is error-free. Furthermore, Soliton Systems does not warrant that the illustrations and screenshots used in this document reflect your version or the latest version of the program described. For the latest version of this product documentation, go to the *DME Resources website http://resources.solitonsystems.com*.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior written permission of Soliton Systems.

DME, DME Sync, and AdaptivePush are trademarks of Soliton Systems.

Giritech® and G/On™ are trademarks and registered trademarks of Giritech A/S, a wholly owned subsidiary of Soliton Systems. Giritech's core intellectual property currently includes the patented systems and methods known as EMCADS™.

Other product names and brands used herein are the sole property of their owners.

Company information

Soliton Systems Europe
Spotorno Allé 12
2630 Taastrup
Denmark

Phone +45 70 216 800
mail@solitonsystems.com
Soliton website http://solitonsystems.com/

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 current version of DME at the time of writing, currently DME Server 5.0, or later.

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

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

Domino: Any anti-virus plugins to the Domino or Lotus Notes client running on the connector must be disabled. For more about anti-virus software and DME, please see the server installation guides.

If running on a virtual platform, the virtual machine must perform equally good or better as the hardware specified below. DME has only been tested on WMware.

Server hardware

A 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, connected at 1 Gbit/full duplex, with auto negotiation off

For larger systems, add more memory, CPUs 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.

> Note that from version 4.4, the DME Server can no longer run on 32 bit OS!

Connector hardware

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

- ❖ 3.0 GHz processor
- ❖ 4 GB RAM
- ❖ 40 GB hard drive
- ❖ 1Gbit network interface card, connected at 1 Gbit/full duplex, with auto negotiation off

–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. See the Domino integration guide for more information about running 32 bit and 64 bit connectors.

Operating systems

Platform	Requirements
Linux	Red Hat Enterprise Linux (RHEL) 5.
	RHEL or CentOS 6-7 (64 bit only).
	SuSE Linux Enterprise Server 12 and later.
Windows	Microsoft Windows Server:
	2008 with all patches applied.
	2012 in Full Server mode with all patches applied.
	2012 R2.
	2016.

For Operating system requirements for the *AppBox server*, see below.

Virtualization: Running DME in a virtualized environment is supported. Please note that we only test our systems on VMware, and that the virtualization environment is beyond the scope of DME support. See also *Database system requirements* below.

Collaboration systems

Platform	Requirements
Domino	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.
	Minimum on connector:
	Notes session mode: Lotus Notes 8.5.x Basic (or higher)
	Domino session mode: Domino Server 8.5.3 FP6 (or higher)
Exchange	Microsoft Exchange 2010 SP 2 or above.
	Microsoft Exchange 2013.
	Microsoft Exchange 2016.
	Microsoft Active Directory.
Office 365	DME supports Office 365 under the following circumstances:
	Office 365 runs in a dedicated plan; the customer uses a local AD for user management; Single sign-on is enabled between on-premises AD and the Microsoft Cloud.

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

See the Domino integration guide for more information about running 32 bit and 64 bit connectors.

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

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 required.

Database system

Platform	Requirements
Linux	Microsoft SQL Server 2008/2012/2014/2016 on a separate server.
	MySQL 5.x or MariaDB 10 on a separate server.
	MySQL 5.x or MariaDB 10 on the DME server (localhost).
Windows	Microsoft SQL Server 2008/2012/2014/2016 on a separate server.

Note: The DME database must be located on a remote database server, and the remote database server must not be virtualized, as the load on the database server may severely affect performance of the DME system. For more specifications, including database sizing, see the **Database setup guide** at the *DME Resource Center http://resources.solitonsystems.com*.

MariaDB is a drop-in replacement for MySQL on RHEL and CentOS 7 and later.

Browser

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.

Devices

For information about which devices are supported by DME, see *Supported devices* *https://resources.excitor.com/support/supported-client-platforms*.

AppBox server

In order to run AppBox through DME, an AppBox server (G/On server 5.6 or later) is required. The G/On server requires:

Platform	Requirements
Windows	Microsoft Windows Server:
	2008
	2008R2
	2012
	2012 R2 (requires G/On Server 5.7 or later)
	- With Java runtime that matches the OS
	Microsoft SQL Server 2005/2008/2012/2014
	(2012 and 2014 requires G/On Server 5.7 or later)