Opendiem Training

Technical Note

Audit Log – Increase Maximum Record Size

Opendiem-TECH-0011

Revision	5.0.1		
Status	Initials	Date	Comment
Released	RMW	05/22/2013	

Technical Notes, Increase the number of records kept in the Audit Log

Introduction

The Opendiem Engine Audit Log keeps a running list of system activities for review. It is a scrolling window. By default the Audit Log only keeps 100,000 records as a maximum.

If you have set the Log History (Days) limit to a length of collection that allows the maximum number system activity entries to be reached prior to the number Log History (Days) being reached you will receive an error message in the Audit Log stating you have exceeded your maximum number of activity entries.

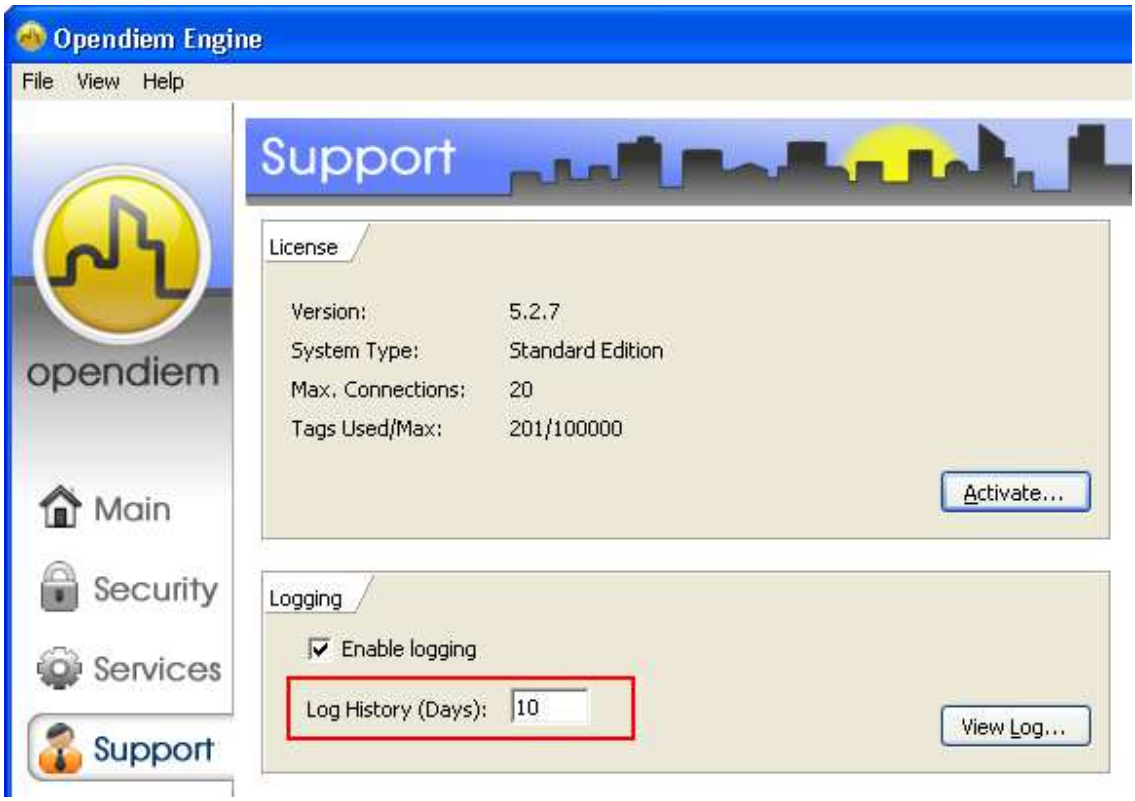
The Audit Log will cease collecting data and a potential for degradation in Engine Core performance may exist.

You have two options that you may use to prevent the Audit Log from filling up. They are defined below.

©Building Clouds 2010

Instructions

1. Decrease the number of Log History (Days)
    a. Decrease the Log History (Days) until the number days logged can be reached before the maximum number of entries can be reached. This will allow for a first-in-first-our scrolling window method of the log entries.

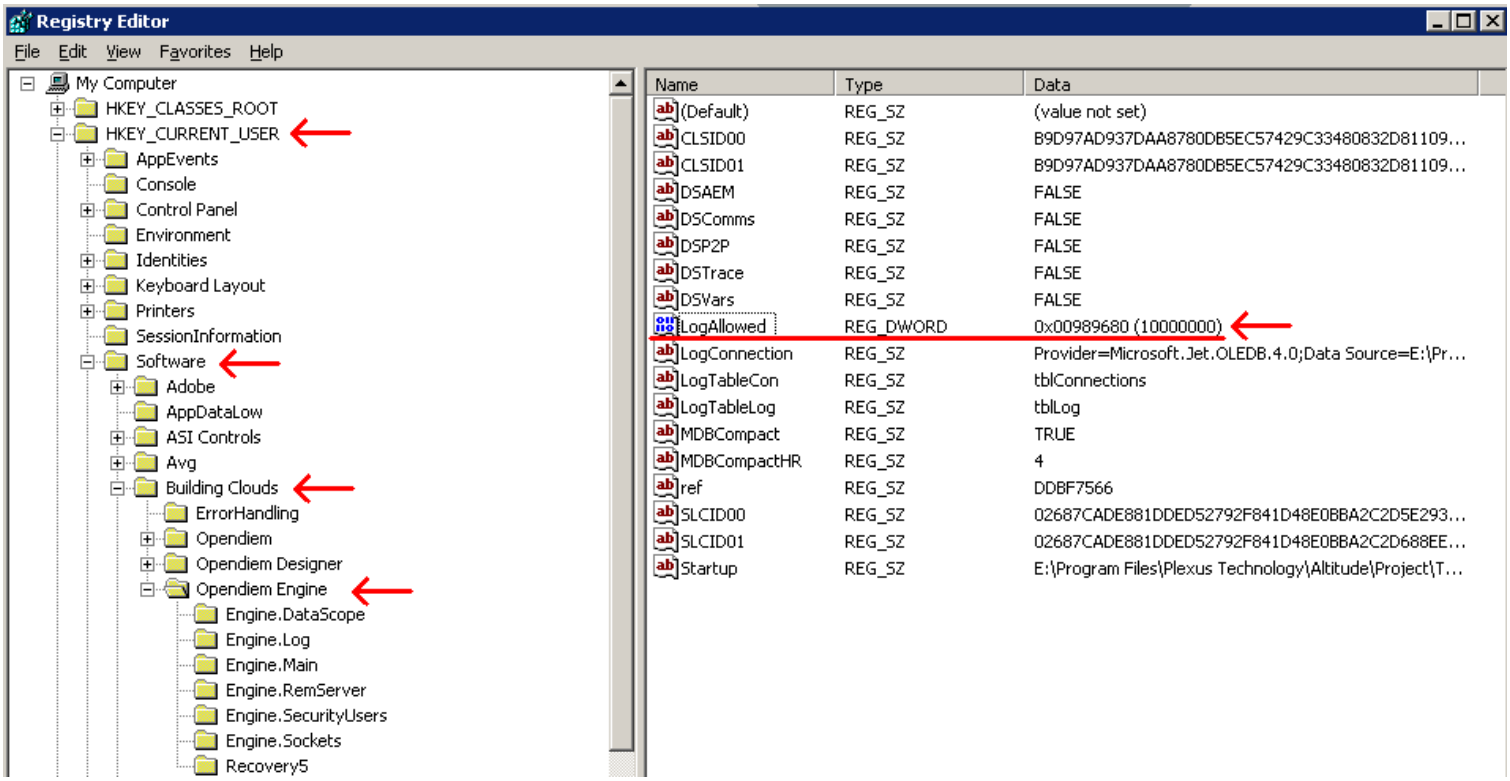


NOTE: Access .MDB file formats may become unstable after growing to over 1.5GB in size.
You may open a new database for the Audit Log when needed by selecting FILE – New Audit Log and then follow system prompts.

2. In crease the MAXIMUM number of record entries allowed in the Audit Log. This is done by adding an entry in to the system registry as shown below. You may need to adjust the Log History (Days).

    a. You need to add the registry key called **LogAllowed** as a **DWORD** under the Opendiem Engine folder. Then use the DECIMAL option to set the maximum number of entries into the Audit Log.

<u>You must restart the Opendiem Engine in order for this update to take effect.</u>



NOTE: Access .MDB file formats may become unstable after growing to over 1.5GB in size.
You may open a new database for the Audit Log when needed by selecting FILE – New Audit Log and then follow system prompts.

Notes:

Version 5.00 November 2010

All Rights Reserved. Copyright © 2010 Building Clouds. Information contained in this document regarding device applications is intended through suggestion only and may be superseded by updates. No representation or warranty is given and no liability is assumed by Building Clouds, Inc. with respect to accuracy or use of such information or infringement of patents arising from such use or otherwise. Use of Building Clouds products as critical components in life support systems is not authorized except with expressly written approval by Building Clouds. No Licenses are conveyed, implicitly or otherwise, under any intellectual property rights.

All Trademarks mentioned herein are the property of their respective companies

Building Clouds
3229 Whipple Road
Union City, CA 94587

Email: support@buildingclouds.com
http://www.buildingclouds.com