



Audit Manager

Administrators Guide

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1 Introduction

This manual describes how to install, and configure Audit Manager for use on your IBM Lotus Domino server.

1.1 *What is Audit Manager*

Audit Manager is an open source content auditing tool based on the IBM Lotus Notes & Domino Platform. It is designed to monitor changes to sensitive information in your Lotus Notes and Domino applications, and provide information about any changes that have occurred.

Audit Manager monitors changes to documents at the server level, so will work for documents changed/read through a Notes Client, a Web Browser, a scheduled Agent, or Replication.

1.2 *Audit Manager Credits*

Audit Manager is heavily based on an application written by Damien Katz called [Trigger Happy](#), which is also available on [OpenNTF](#), it also utilises a logging routine written by [Julian Robichaux](#).

Audit Manager builds on the excellent work done by the people mentioned above, and is developed and maintained by [Neil Gower](#) from [DominoConsultants](#), as an Openntf project.

2 Installing Audit Manager

Audit Manager has been designed to be simple to install, manage and configure, please follow the instructions below to install Audit Manager in your Domino environment.

2.1 *Deploying the Templates*

Audit Manager uses two templates, one for the main configuration database “auditmanager.ntf”, and one for the log databases “auditmanagerlog.ntf”. These files are contained in the “auditmanager200.zip” file.

- Upzip the .zip file into a directory of your choice.
- Start your Lotus Notes client and open both .ntf files you just extracted using the “File-Database-Open” menu.
- Open the Access Control List on both templates and set the ACL up with your minimum administration standards. You must ensure that the server(s) in your domain have full manager access with all roles, and that your administrators group has the same full access as well.
- Place both templates into the root directory of your chosen Domino server (in order for log databases to be automatically created the templates must be in the root), you only need to copy the design of the templates, no documents are required.
- Sign both the templates with either the server ID, or an ID that has access to run restricted agents on you servers.

The templates are now deployed on your Domino server, next you need to create an Audit Manager configuration database on the server.

2.2 ***Installing the Server Task***

Audit Manager requires that a server task is installed onto each Domino server that will use Audit Manager. The server task can only be installed on servers running on the Windows platform.

The server task is called “ntrigger.dll” and is contained in the .zip file, and is also in the “Help – Using this Database” document, The dll needs to be copied into root of your Domino server. To get the server to recognise the add in you will need to edit the “notes.ini” file on the server.

Open the notes.ini file and find an entry for “extmgr_addins=”, if this entry does not exist then add the following line...

extmgr_addins=trigger.dll

If the entry already exists add “trigger.dll” to the end of the entry e.g.

extmgr_addins=foobar.dll,trigger.dll

Although the .dll is called “ntrigger.dll” you should only put “trigger.dll” in the notes.ini file.

3 Creating the Configuration Database

3.1 Initial Configuration

Using the template you deployed earlier “auditmanager.ntf” create an Audit Manager configuration database, it is recommended that you place this database in the root of the data directory of your server, and call it “auditmanager.nsf”, however you may place it in any subdirectory, and change the database file name if required (only create one configuration database on a server).

Once you have created your .nsf file then you should fulltext index the database, and then ensure that your servers and administrations have manager access with all the roles, and the maximum access for any other users is “Reader”.

Next open the servers “notes.ini” file again and add the following line

TriggerHappyConfigDb=filename.nsf

for example

TriggerHappyConfigDb=auditmanager.nsf

This will allow the server admin task to use the configuration database you have just created. Now restart your Domino server to ensure the changes are picked up.

4 Help and Support

For help and support on [Audit Manager](#) please visit the project homepage on [OpenNTE](#), on the home page you can check for new version, access documentation and presentation, and log issues and bugs. Further help is available in the “About” and Using this Database” documents in the Audit Manager configuration database.

There are also video(s) on how to configure Audit Manager on [Blip.TV](#), these will introduce the main features of Audit Manager, and guide you through setting up audits to monitor your applications.

Or contact me directly at [DominoConsultants](#) on this email address auditmanager@dominoconsultants.com.

