

Defrag.NSF



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Quick Start Guide

Product Overview

Defrag.NSF is a Domino-specific NTFS file defragmentation tool. Defrag.NSF will catalog all Domino databases on a server, report their fragmentation level and then allow action to be taken to defragment the databases. With Defrag.NSF, you can manually defragment a database or configure the system to automatically groom databases that meet pre-defined conditions.

Follow these steps to quickly get Defrag.NSF up and running.

1. Read the Defrag.NSF license agreement

If you are unable or unwilling to abide by the Defrag.NSF License agreement then stop now - do not continue - return the product. Otherwise, please continue.

2. Copy the template

Unzip the Defrag.NSF package and copy the file “defrag.ntf” to your Domino server or Notes Administration client’s Notes data directory.

3. Sign the template and secure the template

Use the Notes Administration client to sign the template with an ID file that has unrestricted access to your Domino Server. (Defrag.NSF requires this access so it can install the server task, update Domino settings and schedule agents.) Secure the ACL for the template so only Administrators and LocalDomainServers have ‘Manager’ access. Default access should be ‘No Access’.

4. Create a database on your Domino server

Use the Notes Administration client to create a new database on your server called Defrag.NSF. Base the design of this database on the template signed in step 3. Secure the ACL for this database so only Administrators and LocalDomainServers have ‘Manager’ access. Default access should be ‘No Access’.

5. Install the server task

Open the newly created Defrag.NSF database. Read and then close the ‘About’ document.

Start the installation of the Defrag.NSF server task by pressing the “Install Server Task” button on the Defrag.NSF navigator, and then follow the prompts.

6. Install your license key

From the Defrag.NSF navigator, select Technical Settings. When the Technical Settings document appears press the “Enter new license key” Button. Then

navigate to the license file that Preemptive Consulting has sent to you and click OK. This license key will be validated as soon as the Defrag.NSF server task runs.

7. Catalog the databases into Defrag.NSF

After installing the Defrag.NSF server task, open one of the three database views from the Navigator on the left hand side of the screen (e.g. “By Fragments”), and select “Recatalog Databases” from the view action bar. The Defrag.NSF server task will create a document for each database on the server and report the number of fragments it occupies.

8. Manual database maintenance

To perform maintenance on a database:

- Open the database document that represents the database you want to perform maintenance on
- Under the “Maintenance Actions” section, select the type of maintenance you would like to perform (e.g. “Defragment”)
- Save the document
- From the View action bar select “Perform Maintenance”

9. Automatic database defragmentation

To set up automatic database defragmentation:

- Select Technical Settings from the Defrag.NSF navigator
- In the “Selection Method” section, enable the database selection criteria you want to use
- In the “Schedule” section, enable the Catalog and Maintenance tasks

10. Advanced features

Defrag.NSF can monitor and allocate additional free space to a database during defragmentation. The process of adding free space to a database can significantly reduce future file fragmentation because the operating system does not need to go looking for new file extents.

To enable free space monitoring and allocation:

- Open the database document for the database of interest
- In the “Advanced Settings” options, enable free space monitoring
- To pre-allocate free space, enable the “Pre-allocate free space” option. Two new settings will appear, “Minimum Free Space” and “Desired Free Space”. Set these fields and save the document. The next time Defrag.NSF runs it will attempt to allocate free space within the database as per these settings.

Note: Allocating free space is not an exact process as there are no native API’s for Defrag.NSF to perform this function. Free space allocated will vary a little from the “Desired Free Space” specified.

11. Want to know more?

Check the Preemptive Web site at <http://www.preemptive.com.au> to find out more on Defrag.NSF or other innovative products from Preemptive Consulting.