Empowered by Innovation NEC

100% Success

Optimize Your File Server

5 Check Points

How do I Manage?

What is the reason for the file server overload?

Do I always need add a storage or server?

A file server is used to store various business related files.

There is a tendency for disk usage capacity to overload as a lot of files are stored to be used in the organisation.

It is very common to see the administrator burdened of by all the additional disk and taking backups which is quite time consuming.

In order to handle such issues of “Overloading of file server”, it is necessary to first understand the current condition of your file server.

100% Success Guaranteed

Here’s introducing 5 check points to optimize your file server capacity

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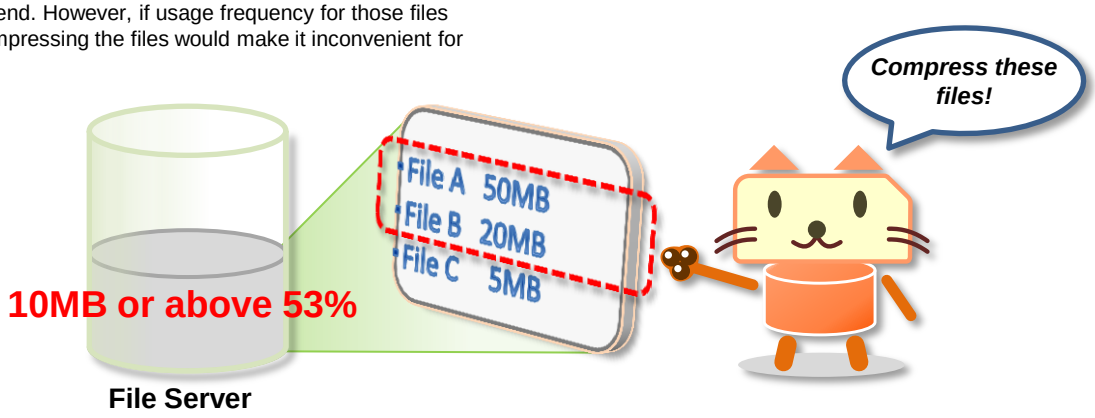
Check Point 1 Are the file sizes too big ?

Some measures are required if 53% of the total files are more than 10MB and the volume of data stored in the file server increases at a rate of 55% annually. Furthermore, if this trend continues then in the coming 5 years 9 times of the current file server capacity will be required*.
”Compression” of large files is an effective way to control this increasing trend. However, if usage frequency for those files are high, compressing the files would make it inconvenient for the user.

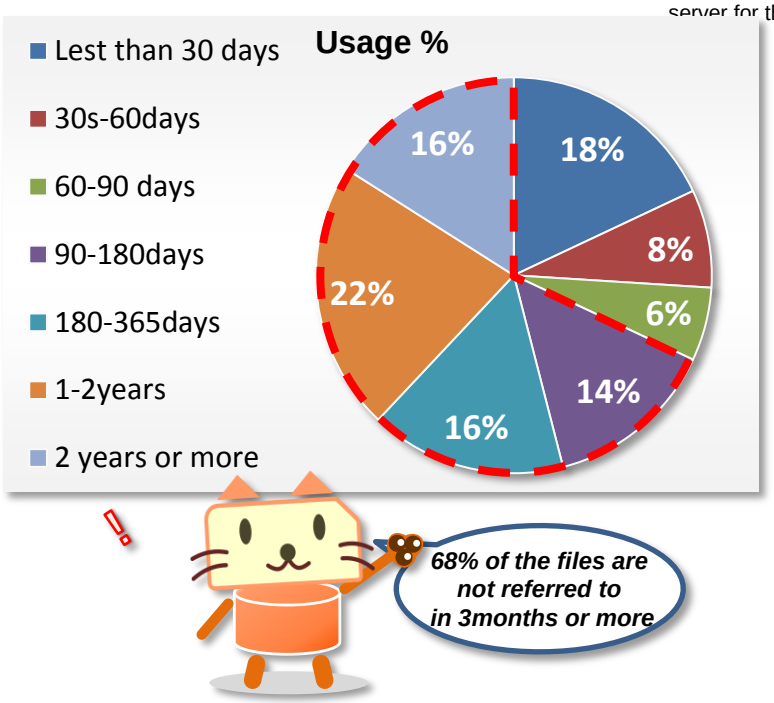
Additionally, if the files are to be compressed manually, the efforts of the administrator and the user will increase. Therefore, it will be effective if the software analyses the file server and compresses the files, which meets the set conditions.

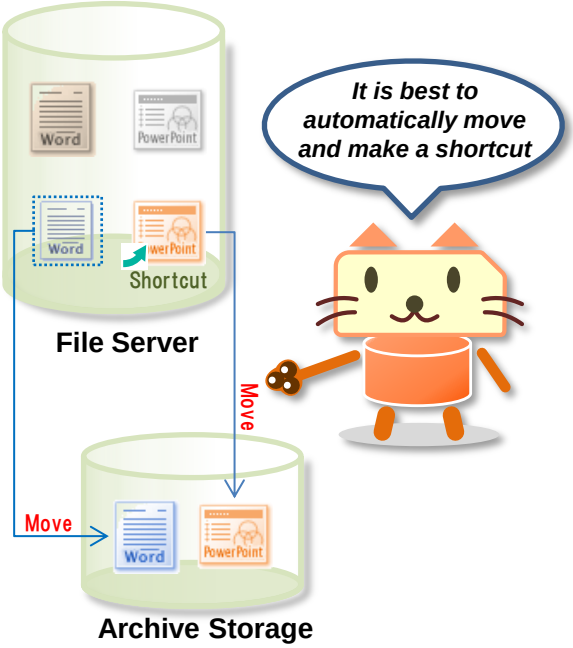


Check Point 2 Are unused files existing for a long period?

In a situation where 7% of the files existing in the file server have not been used for 3 months or more*, if this 7% files can be removed completely, a lot of space will be available for use. However, there are a lot of old documents like business data, sales data, contracts, manuals, etc. that are needed for reference and other uses which is difficult for the administrator to identify and delete.

Furthermore, when the user is requested to delete such data, there are situations where the user ends up thinking that “he might need the data in future” or “he will do it later when he has time” as a result it doesn’t get deleted.
In such situations it is effective to automatically move the files that have not been used for a long period to a low cost archive storage.
Moreover, it is convenient if a shortcut is stored on the file server for the user.



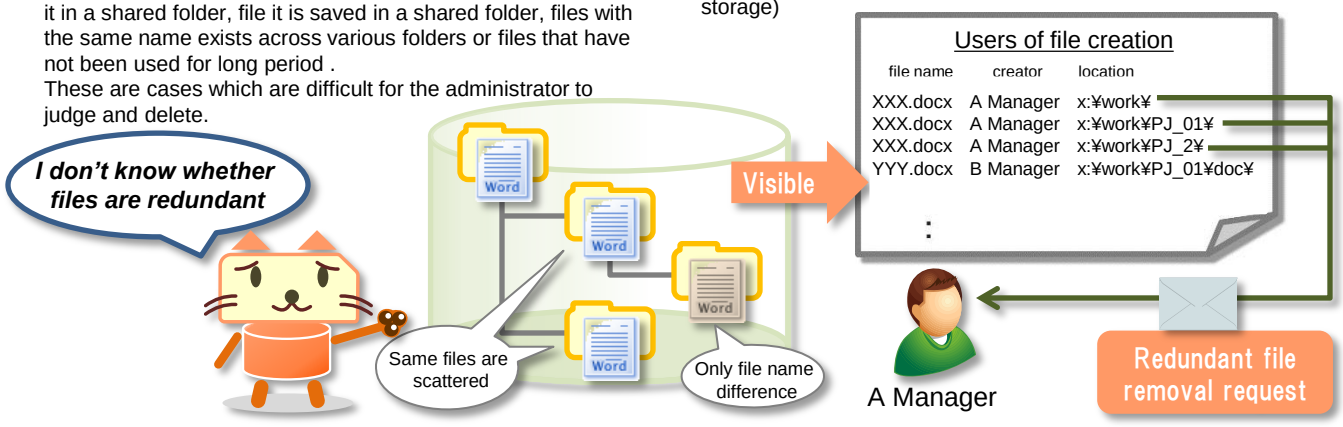


*Result of independent research by NEC

Check Point 3 Are there a large number of redundant files ?

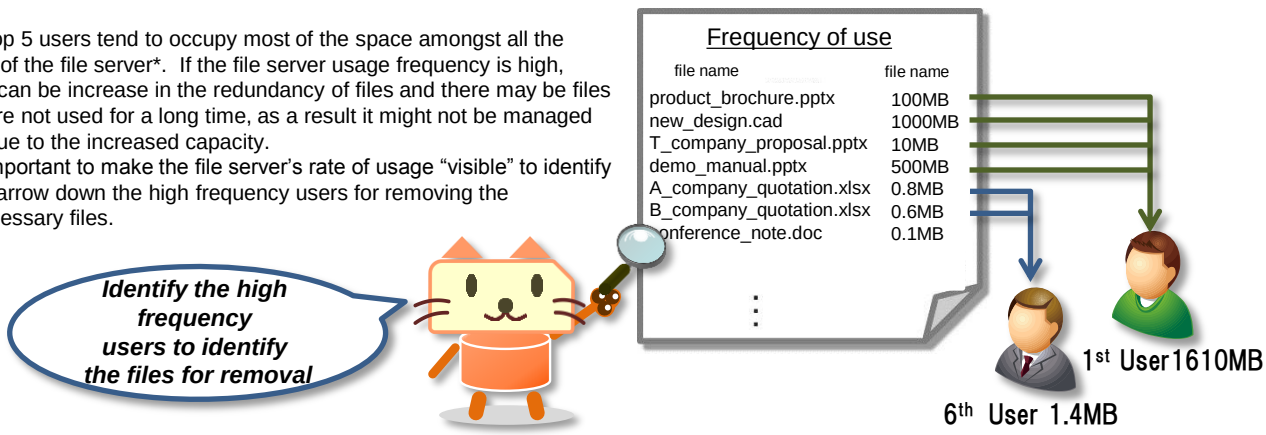
A situation where 28% of the files contained in the file server are redundant may arise in the following situation.*
・When the file name is changed for the receiver to understand the content easily.
(The file name differs even if the contents are the same).
・When a file is sent to multiple receivers and all of them saves it in a shared folder, file it is saved in a shared folder, files with the same name exists across various folders or files that have not been used for long period .
These are cases which are difficult for the administrator to judge and delete.

Hence it will be effective if the redundant files are made "visible" based on information such as "location of creation", "time it is created" and "created by" for the files, and automatically remove those files or request the user for removal of those files(or moving them inexpensive archive storage)



Check Point 4 Is there any disparity in file server usage?

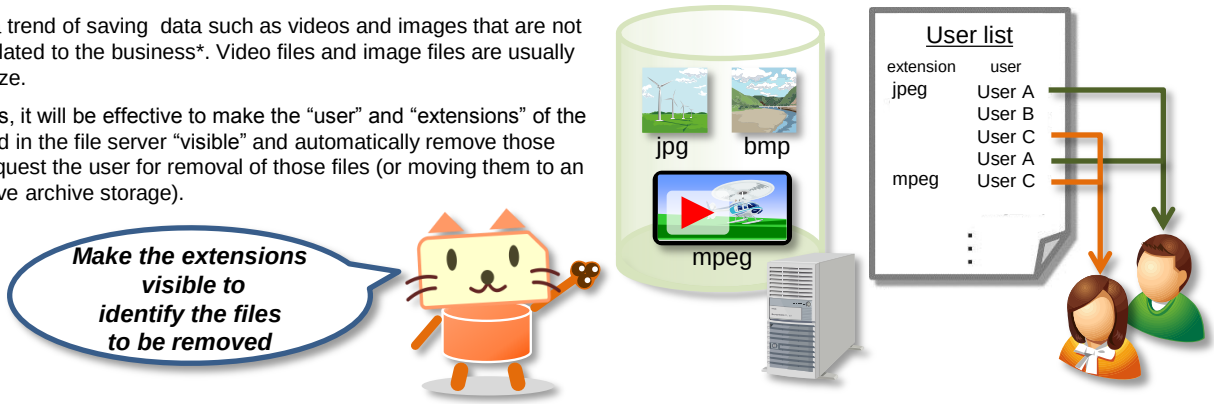
The top 5 users tend to occupy most of the space amongst all the users of the file server*. If the file server usage frequency is high, there can be increase in the redundancy of files and there may be files that are not used for a long time, as a result it might not be managed well due to the increased capacity.
It is important to make the file server's rate of usage "visible" to identify and narrow down the high frequency users for removing the unnecessary files.



Check Point 5 Are there files not related to your business stored in the server?

There is a trend of saving data such as videos and images that are not directly related to the business*. Video files and image files are usually large in size.

Due to this, it will be effective to make the "user" and "extensions" of the files stored in the file server "visible" and automatically remove those files or request the user for removal of those files (or moving them to an inexpensive archive storage).



*Result of independent research by NEC

Out of the 5 check points if even one is applicable to your file server

Our File server management software in the solution for you.

1	Are the file sizes too big ?	☐
2	Are unused files existing for a long period?	☐
3	Are there a large number of redundant files ?	☐
4	Is there any disparity in file server usage?	☐
5	Are there files not related to your business stored in the server?	☐

⇒NEC File server management software “NIAS”

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