File Indexing

Getting Started Guide

Version 1.1

Yadle

www.yadle.com

File Indexing

In Yadle, the term “index” is used to describe a file path for collecting metadata from one or more files. These files become known to Yadle and potentially searchable. An index is a file or folder path on a specific device. You can define one or many indexes per device, and there is no limit to how many may exist in your organization.

It is important to understand that indexing a file path does not make it searchable. Indexing adds files to a catalog of files only. Files in the catalog can be made searchable using File Channels (explained in next section), and files in the catalog can be used for data collection and analysis purposes.

We recommend that you index all your files. What becomes searchable is defined by the File Channels.

Files are indexed by the Yadle agent. The number of Yadle agents installed in your organization is flexible and can be as few as one. You can make an index that includes all files on a storage volume, and then add additional indexes for more specific file directories on that same volume.

Key Concepts:

- A Yadle index is a directory on a storage volume.
- There is no limit to the data size of an index, nor to the number of files within the index.
- There is no limit to how many indexes are defined per device or storage volumes.
- Each running index is a process on your system.
- Yadle only knows about files that are within the scope of indexes from all agents.
- Creating an index does not make the files in that index searchable. File Channels make files searchable.
- Indexes can overlap each other.
- Each index will have a running process on the device it is defined for.

Configure File Indexing

You can run one or multiple index processes. Running multiple indexes allows you to more quickly index your files. If an overlap in indexing occurs, the system will manage accordingly.

We often recommend to companies to run an indexer on the mount point that can index all your files and you can run an indexer to more specific mount points for folders or drives that you want to index more quickly. It will index all on a parallel basis and handle the overlaps.

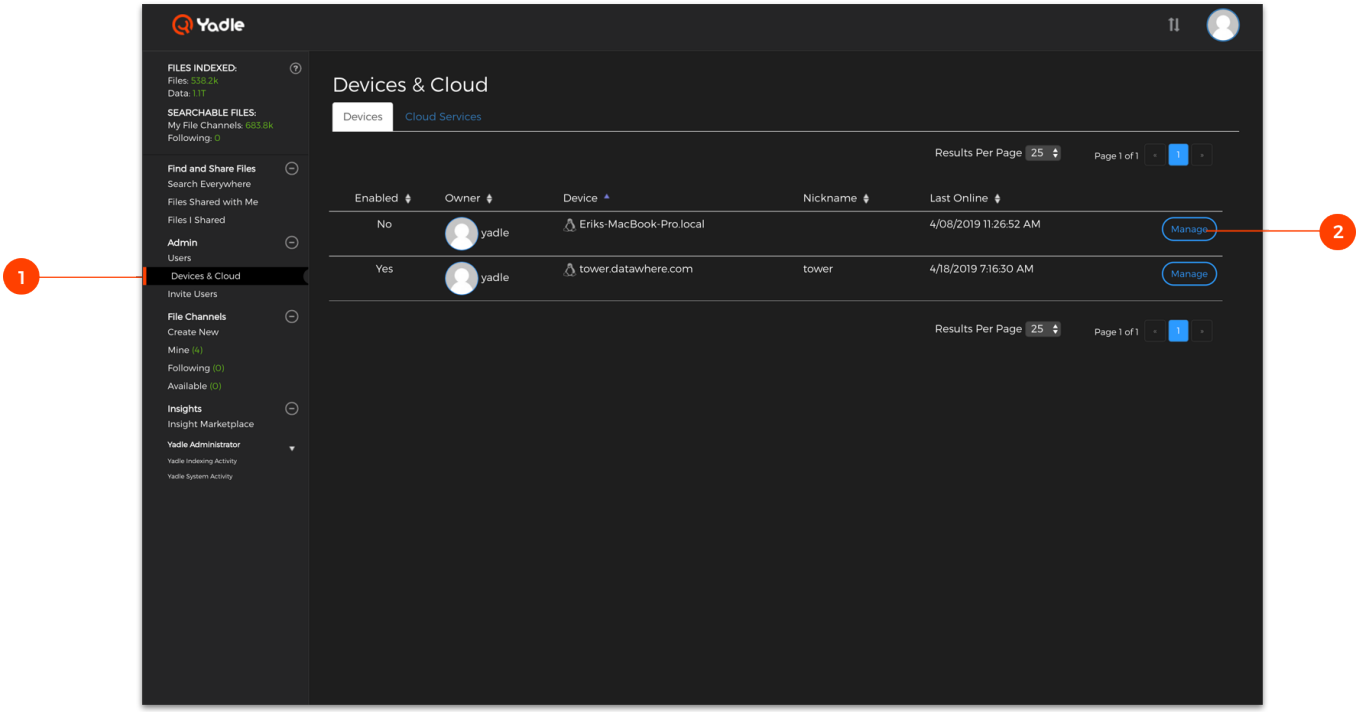
Add an Index:

Step 1:

Go to the **Devices & Cloud** section on left menu

Step 2:

Click on **Manage** on the far right for the device you wish to index.



Step 3:

Once inside the Devices & Cloud section, click on **Settings.**

Step 4:

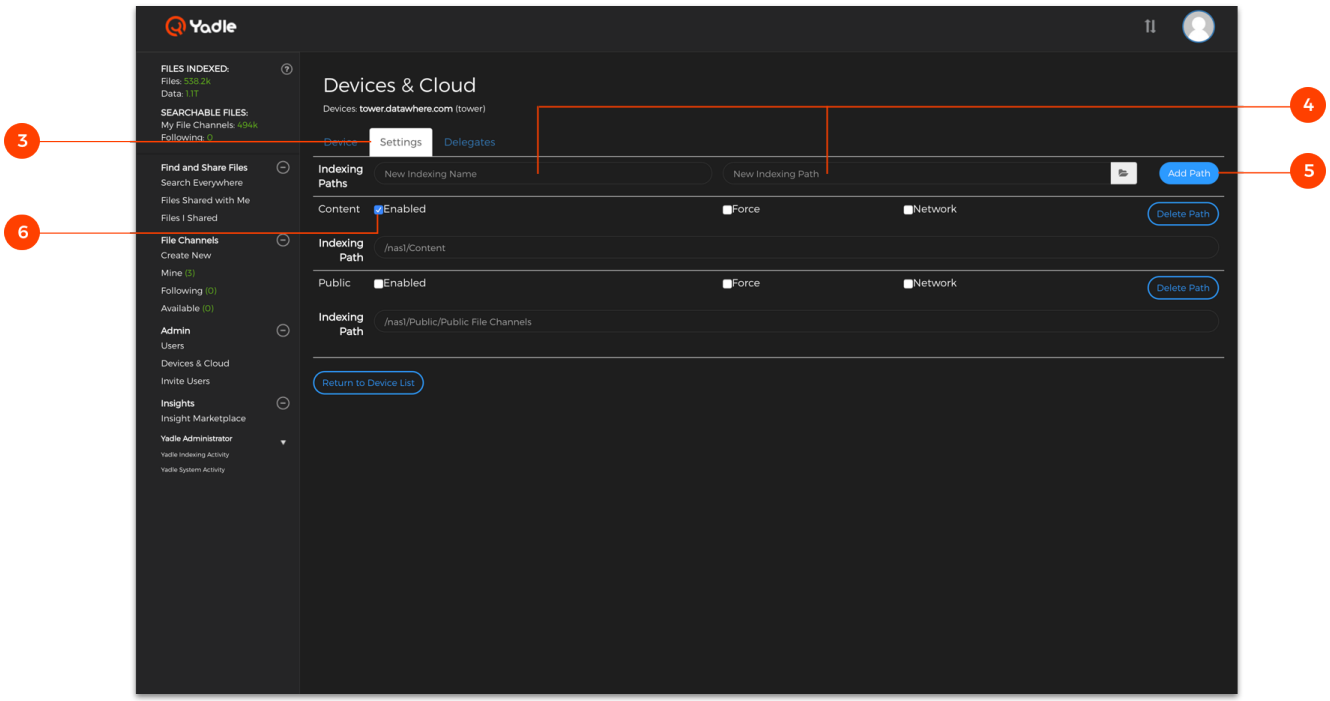
Enter a name you would like to give this **New Indexing Name.** Enter the file path into the **New Indexing Path** field.

Step 5:

Click **Add Path.**

Step 6:

Select **Enable** to turn on indexing for this Indexing Path.



*Repeat these steps to add as many indexing paths as you'd like.

Verify Indexing is Working:

To verify that your files are indexing correctly, you can:

See the **Files Indexed** in upper left of Yadle user interface. Number of Files and Data size should be increasing.

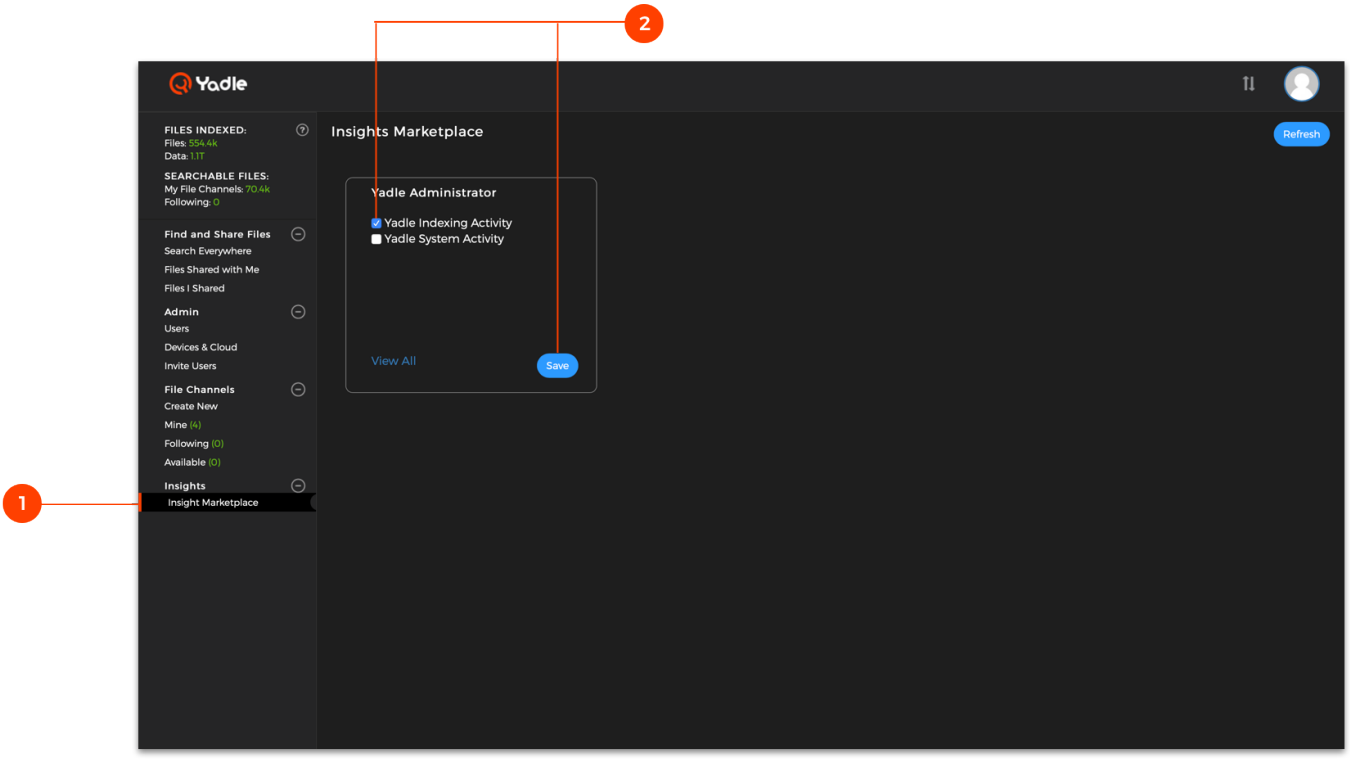
OR

Step 1:

Click on **Insight Marketplace** on the left menu.

Step 2:

Select **Yadle Indexing Activity** and click **Save.**

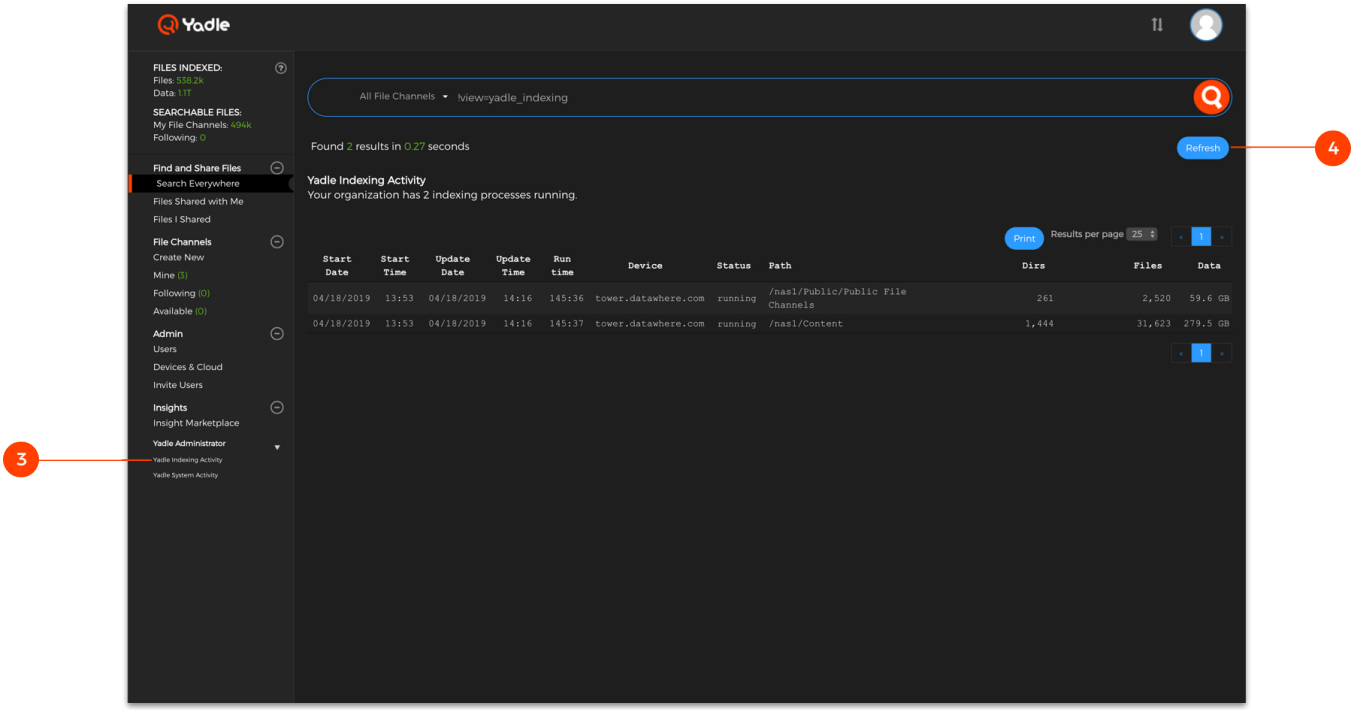


Step 3:

Back under Insights, click on **Yadle Indexing Activity** to view indexing processes running.

Step 4:

Click **Refresh** in upper right corner to see changes to number of Files and Data size.


Yadle
FILES INDEXED:
Files: 538.2k
Data: 1.1T
SEARCHABLE FILES:
My File Channels: 494k
Following: 0
Find and Share Files
Search Everywhere
Files Shared with Me
Files I Shared
File Channels
Create New
Mine (3)
Following (0)
Available (0)
Admin
Users
Devices & Cloud
Invite Users
Insights
Insight Marketplace
Yadle Administrator
Yadle Indexing Activity
Yadle System Activity
All File Channels
!view=yadle_indexing
Found 2 results in 0.27 seconds
Refresh
Yadle Indexing Activity
Your organization has 2 indexing processes running.
Print
Results per page 25
Start Date
Start Time
Update Date
Update Time
Run time
Device
Status
Path
Dirs
Files
Data
04/18/2019 13:53 04/18/2019 14:16 145:36 tower.datawhere.com running /nas1/Public/Public File Channels 261 2,520 59.6 GB
04/18/2019 13:53 04/18/2019 14:16 145:37 tower.datawhere.com running /nas1/Content 1,444 31,623 279.5 GB
3
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