



Cloudwards



2024

# Cloud Storage Performance Report

2024 Cloud Storage Performance Report

by Cloudwards

## 2024 Cloud Storage Performance Report

Performance is one of the most important aspects of cloud storage and online backup. However, performance is also a very difficult factor to test on your own.

Cloud storage services often market themselves as “lightning fast,” knowing full well that the average consumer has no way to verify those claims. For this reason, Cloudwards performs annual performance tests on the most popular cloud providers, as well as routine tests whenever we publish a review for the smaller cloud providers.

This PDF presents our findings from 2024, as well as our historical data for each provider dating back to 2021. These metrics not only reveal the fastest (and slowest) providers currently on the market, but they also show how these services are adjusting and improving over time.



## Our Testing Process

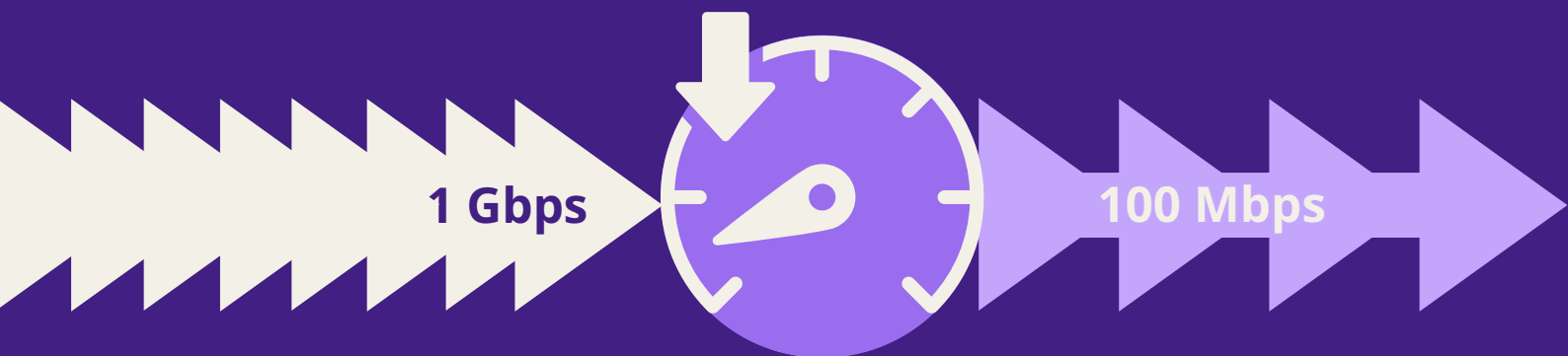
Several factors affect the performance of a cloud storage service during daily use. Many of these factors are beyond the provider's control, such as the overall speed of the user's internet connection and their hardware.

To eliminate as many of these variables as possible, Cloudwards uses a dedicated testing environment to measure cloud storage performance.

On the hardware side, this environment consists of a Windows 365 Virtual Machine running on a dual-core CPU, 8GB of RAM and 128GB of storage.

For the internet connection, the Virtual Machine runs on a 1 Gbps connection, which we throttle down to 100 Mbps on an application level to ensure a consistent and stable speed that is similar to an average user's internet speed.

### Our testing speed:



### Our testing hardware:

Windows 365  
**Virtual Machine**  
dual-core CPU  
8GB RAM  
128GB of storage.



## Testing Data

To test the performance of cloud storage, we needed a consistent dataset across all providers. We accomplished this by setting up a 5GB testing folder with a variety of files and file types, including video files of different resolutions, images, documents, text files and executables.

Given our connection speed of 100 Mbps and the above dataset, the fastest possible download or upload time is six minutes and 40 seconds. This estimate doesn't account for any kind of overhead with the data transfer.

### Fastest Possible Download or Upload Time:



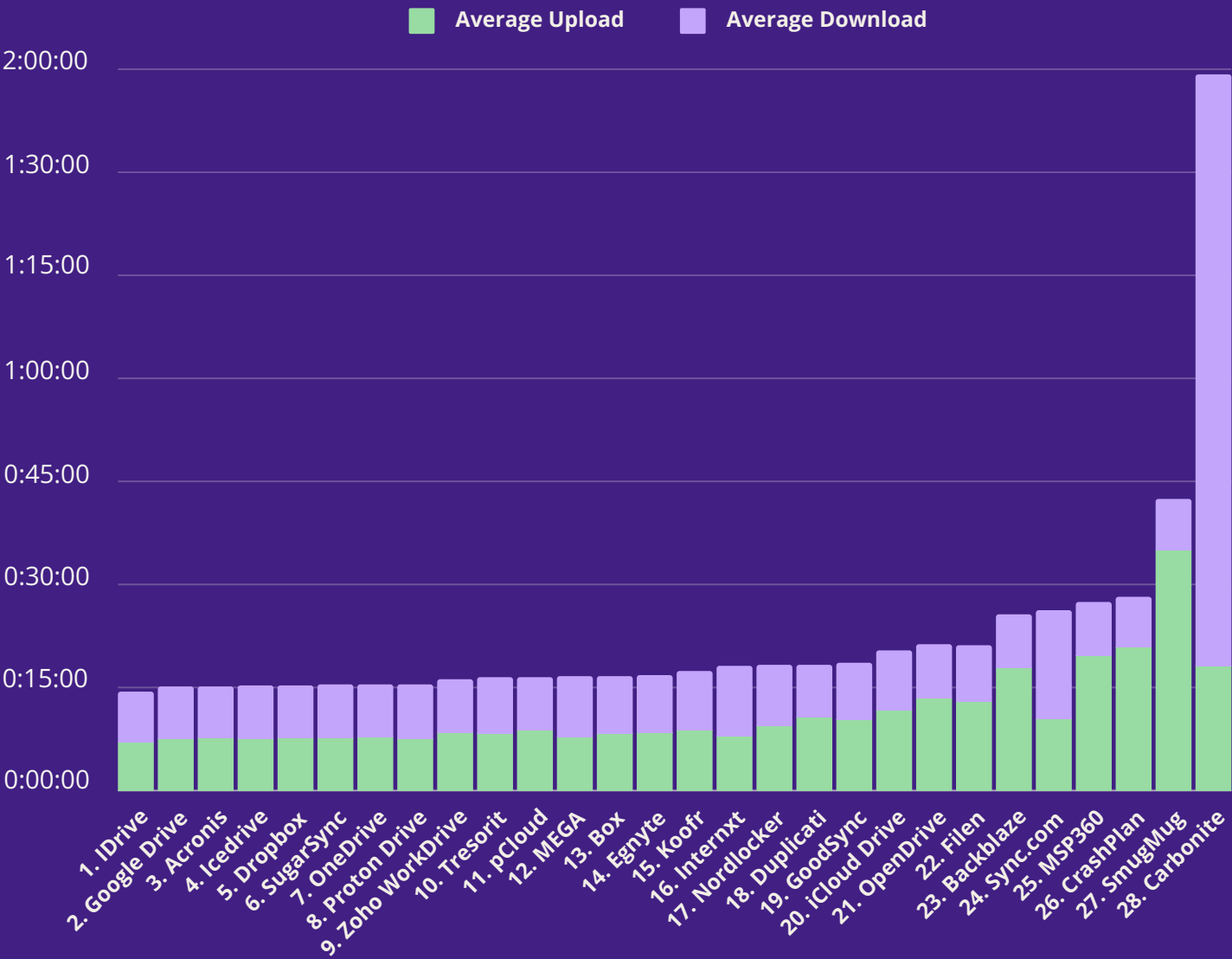
**6 min 40 sec**



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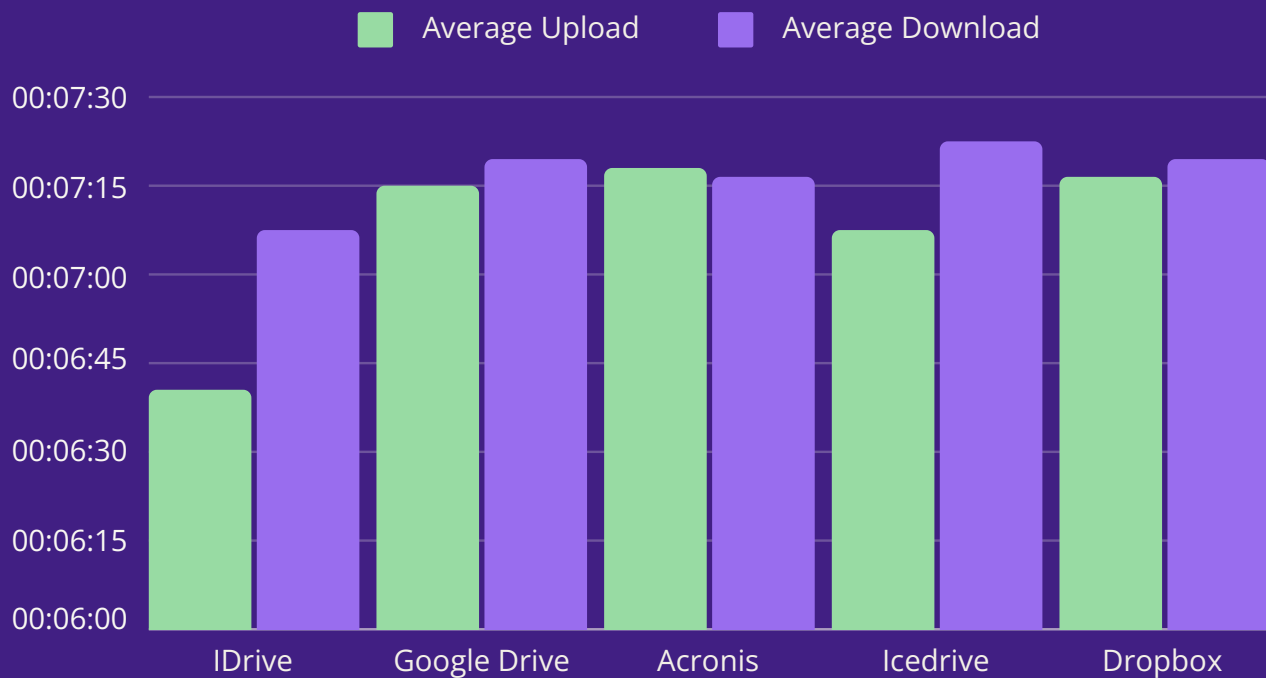
**MAX speed 100 Mbps**

# 2024 Cloud Speed Results: Overview



Click on each provider to jump to the individual speed test page

## 2024 Top 5 Fastest Providers Overall



Over the years, **IDrive** has consistently been the fastest provider in our testing, and 2024 is no exception. Despite having slightly slower downloads than uploads, IDrive's values were both incredibly close to the fastest possible speed.

The four providers ranked behind IDrive had more balanced upload and download speeds. Two of the "big three" cloud storage providers – **Google Drive** and **Dropbox** – made the top five as the second and fifth fastest services overall, respectively.

**Acronis Cyber Protect** took third place and was followed by **Icedrive**, which emerged as a surprise standout in our testing. Like Sync.com, Icedrive focuses heavily on privacy and security, and it still manages to compete with the big boys in the performance department.

## Fastest Cloud Service 2024

1

**IDrive**<sup>®</sup>

2

 Google Drive

3

**Acronis**

4

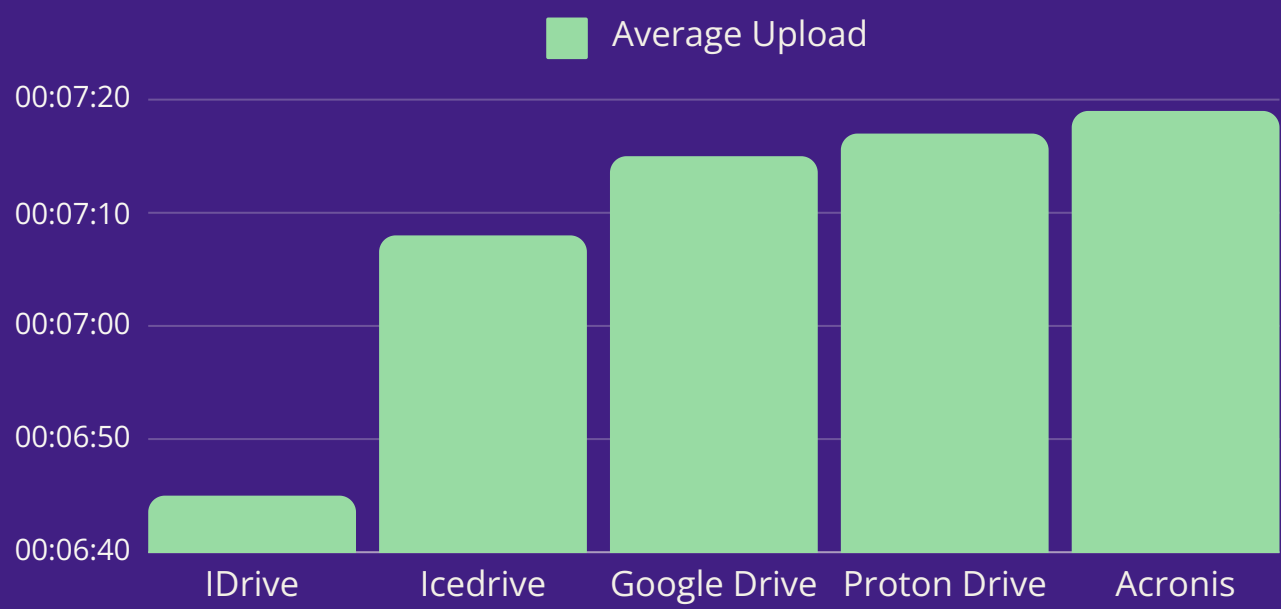
 **icedrive**

5

 **Dropbox**



# 2024 Top 5 Fastest Uploaders



If we focus solely on upload speeds, the top five changes a bit. **IDrive** still occupies the top spot, but **Icedrive** moved up to second place, just ahead of **Google Drive**. **Proton Drive** made the top five, ranking fourth, as its slower download speeds no longer limited its performance. Dropbox fell off the list entirely, and **Acronis** slid down to fifth place.



1

2

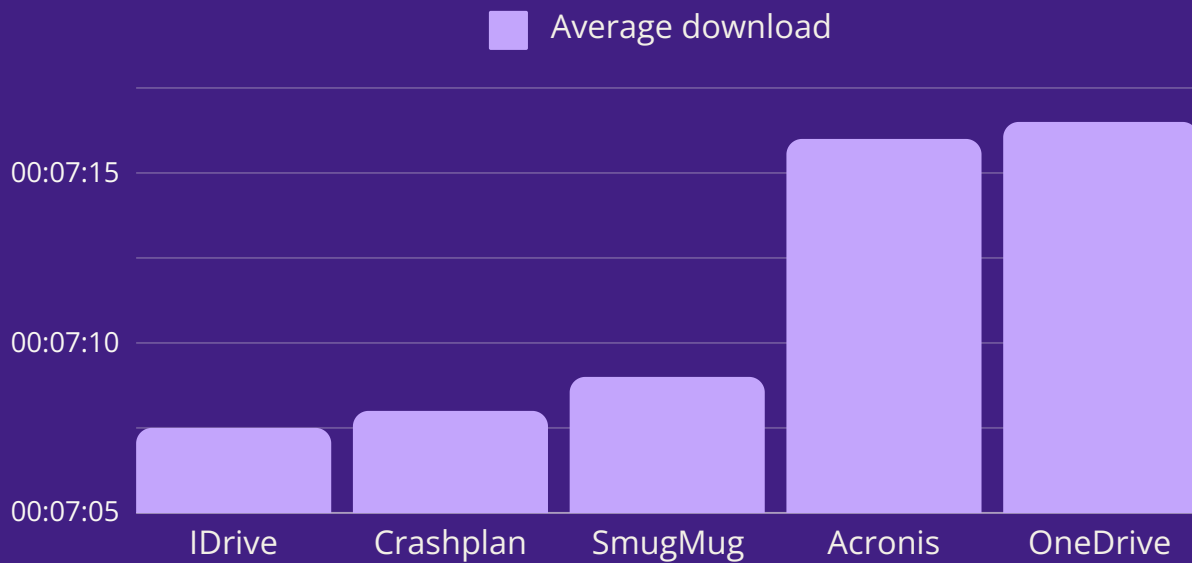
3

4

5Acronis



## 2024 Top 5 Fastest Downloaders



Finally, we have the top five fastest downloaders. The competition is much stiffer for downloads, with most providers clocking in at under eight minutes.

**IDrive** came in first once again, but the rest of the list was drastically different compared to the earlier rankings. **CrashPlan** and **SmugMug** – two providers that were absent from the previous lists – came roaring in at second and third place, with **Acronis** coming in fourth.

Of the big three, Google Drive and Dropbox both landed just outside the top five. However, **OneDrive** made an appearance and took fifth place, as its download speeds are much stronger than its uploads.

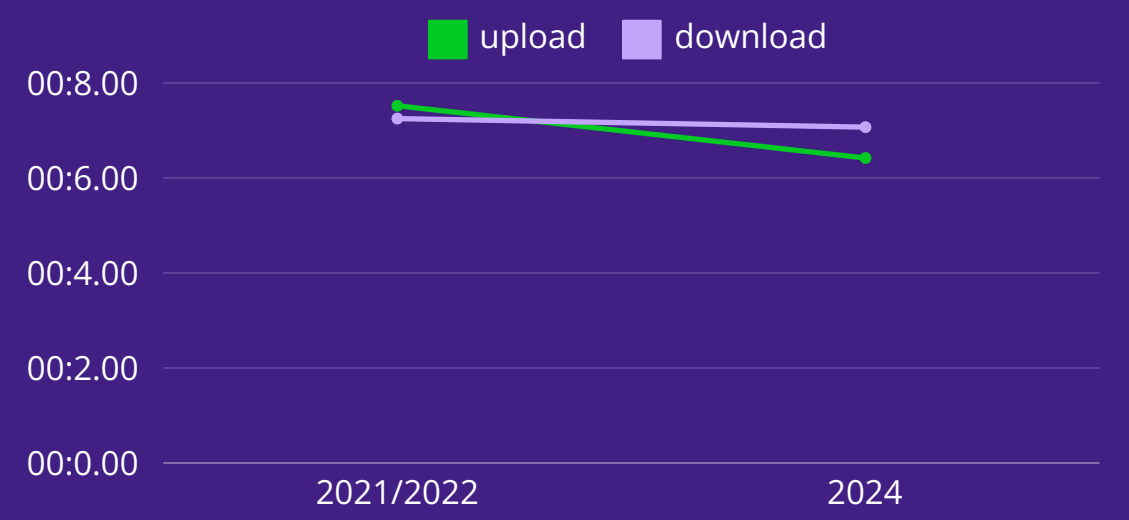


Overall  
Speed Rank **#1/28**  
for 2024



In our 2024 results, IDrive absolutely crushed the competition when it came to speed. Our previous testing showed that it was fast, but its performance was relatively similar to other speedy providers. However, its 2024 upload speed was a mere two seconds slower than the fastest possible time – a feat that even the big three can’t replicate.

Year	2021/2022	2023	2024
Average Upload	0:07:52	Not tested	0:06:42
Average Download	0:07:25	Not tested	0:07:07



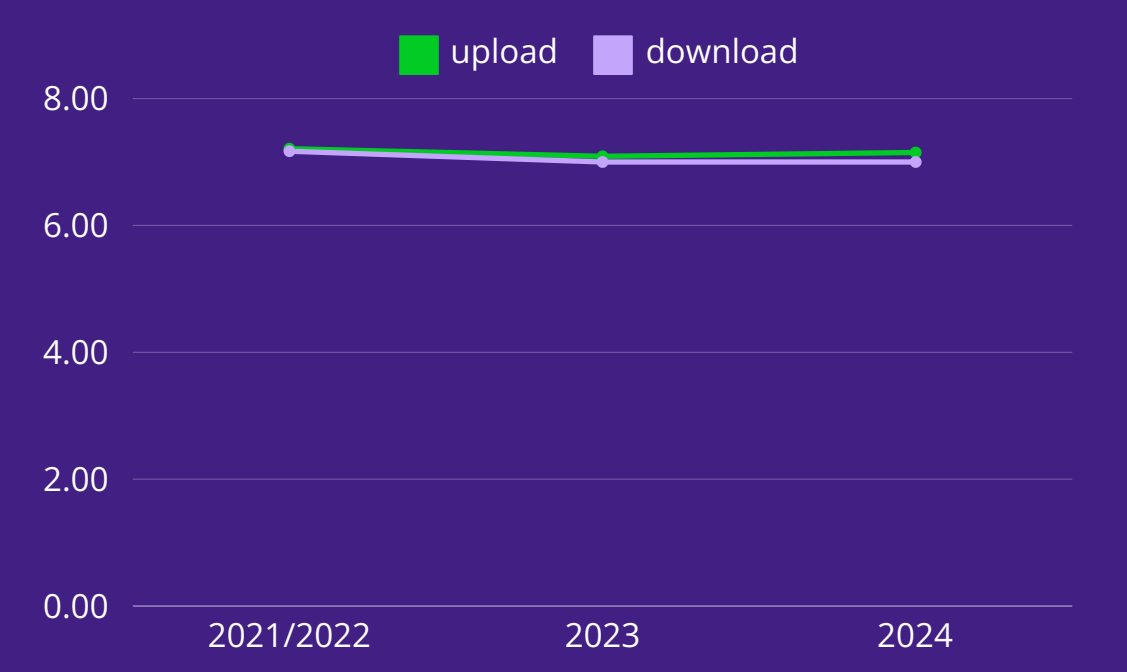
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Overall  
Speed Rank **#2/28**  
for 2024



As one of the big three cloud storage providers, Google Drive has a huge server network and global infrastructure that gives it an advantage over smaller providers. This allows it to consistently rank in the top five for fastest uploads and downloads.

Year	2021/2022	2023	2024
Average Upload	0:07:21	0:07:09	0:07:15
Average Download	0:07:17	0:07:25	0:07:18



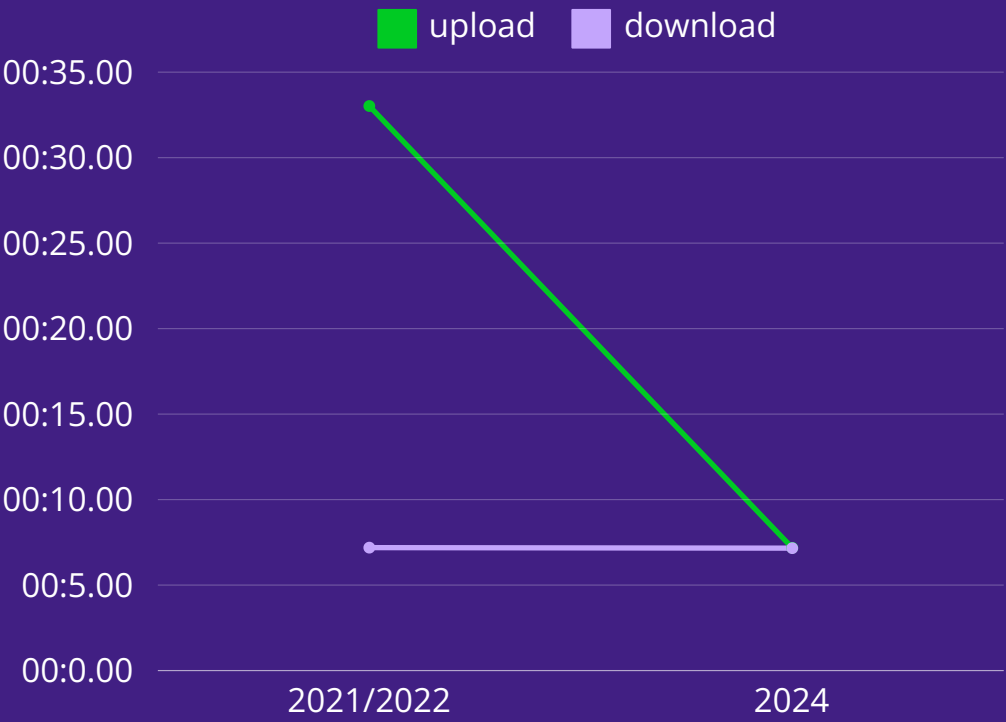
 [Back to 2024 Cloud Speed Results: Overview](#)


Overall  
Speed Rank **#3/28**  
for 2024



In our first standardized speed test of Acronis, the backup provider’s upload speed performed incredibly poorly. The downloads were fast, but uploading took over half an hour – more than four times longer than the minimum. That said, Acronis has greatly improved its client since then, as it placed in the top five fastest providers in 2024.

Year	2021/2022	2023	2024
Average Upload	0:33:02	Not tested	0:07:18
Average Download	0:07:19	Not tested	0:07:16



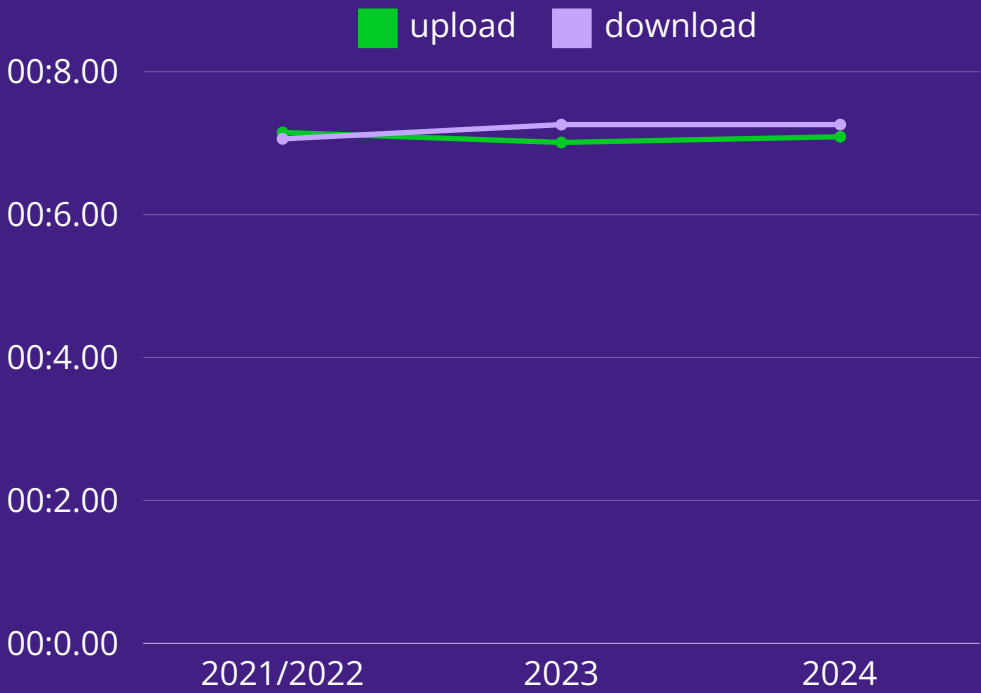
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Overall  
Speed Rank **#4/28**  
for 2024



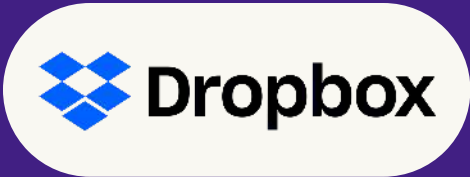
Icedrive has shown consistently impressive speeds, both for uploads and downloads. It made the list of the top five fastest uploaders as well as the top five overall, but its download speeds fell just short of the top five list for downloaders.

Year	2021/2022	2023	2024
Average Upload	0:07:15	0:07:01	0:07:09
Average Download	0:07:06	0:07:05	0:07:26



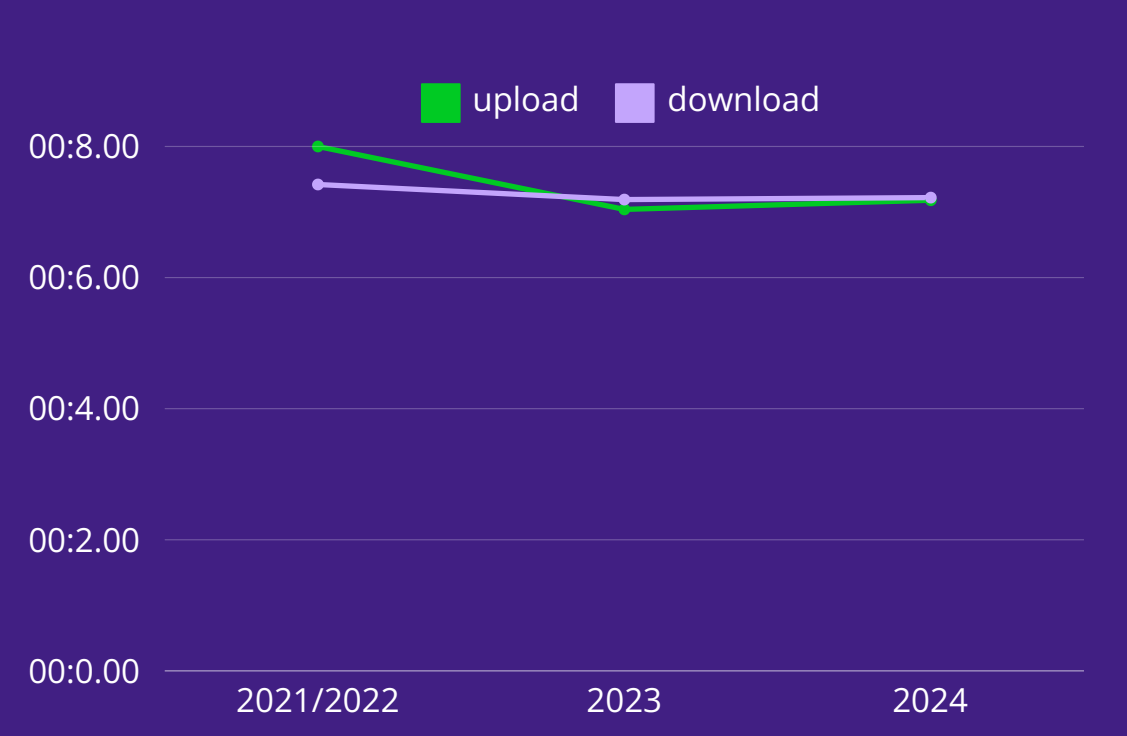
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Overall  
Speed Rank **#5/28**  
for 2024



Often called the “grandfather of cloud storage” for popularizing the now-ubiquitous sync folder method, Dropbox also performs consistently well. Like the other big three providers, it has significantly more infrastructure to lean on compared to smaller providers, which no doubt helps it achieve such good results.

Year	2021/2022	2023	2024
Average Upload	0:08:00	0:07:04	0:07:18
Average Download	0:07:42	0:07:19	0:07:22



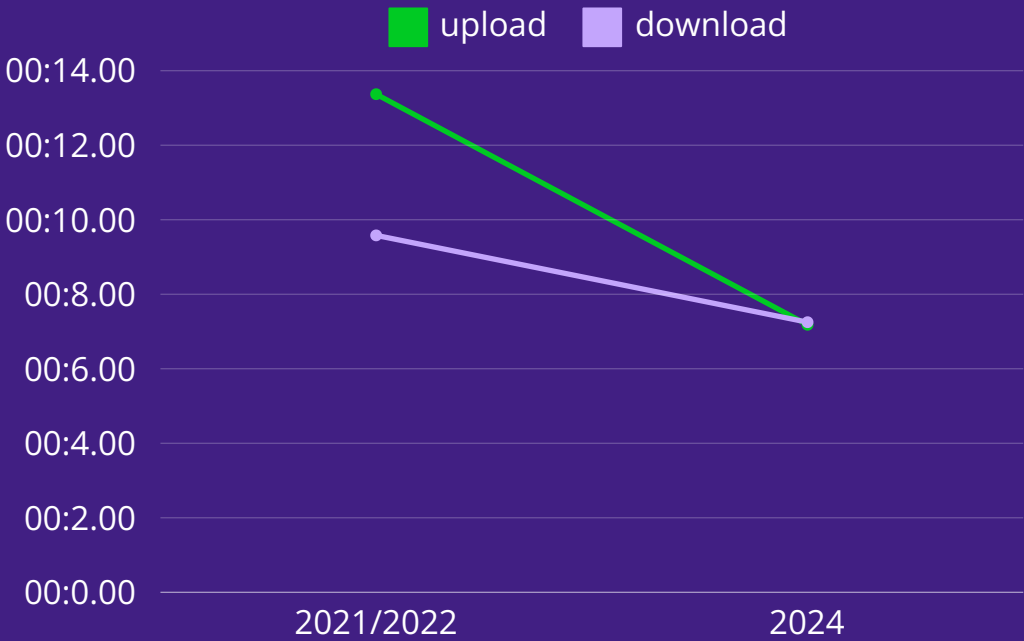
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Overall  
Speed Rank **#6/28**  
for 2024



SugarSync is another provider whose results have significantly improved since we started testing it. It was decidedly mediocre in our first round of testing, but both of its average speeds were under eight minutes in 2024, falling just short of the top five for uploads and downloads.

Year	2021/2022	2023	2024
Average Upload	0:13:37	Not tested	0:07:18
Average Download	0:09:58	Not tested	0:07:25



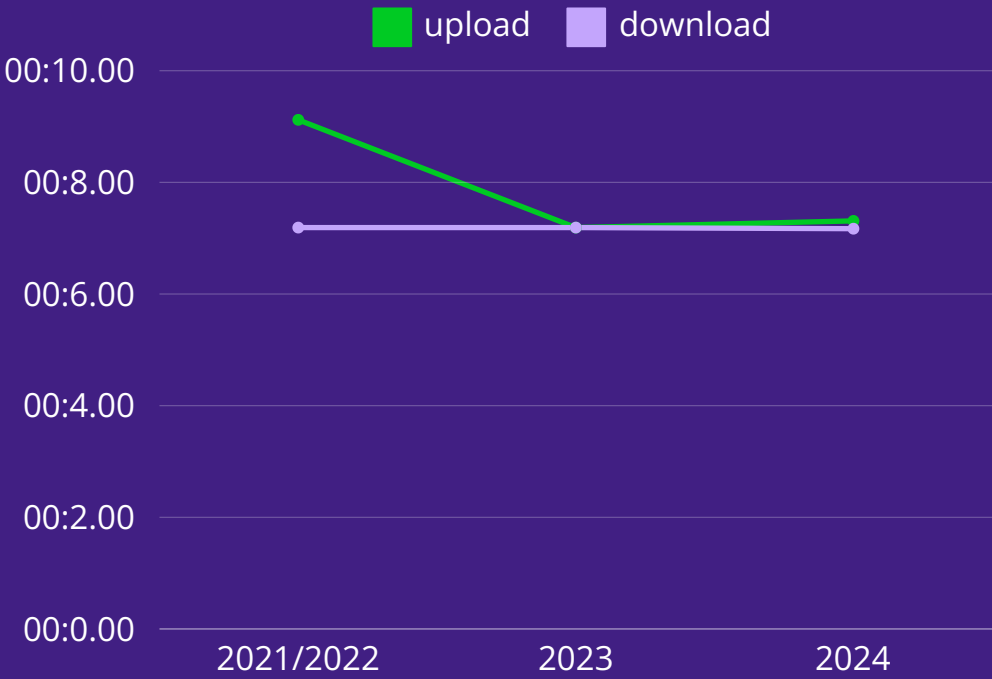
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Overall  
Speed Rank **#7/28**  
for 2024



1 Rounding out the “big three” is Microsoft’s OneDrive. During our first round of testing, OneDrive’s uploads were a big disappointment, but it still managed very good download speeds. This has improved over the years, and its results for uploads and downloads were good enough to land it in the top five.

Year	2021/2022	2023	2024
Average Upload	0:09:12	0:07:19	0:07:31
Average Download	0:07:19	0:07:19	0:07:17



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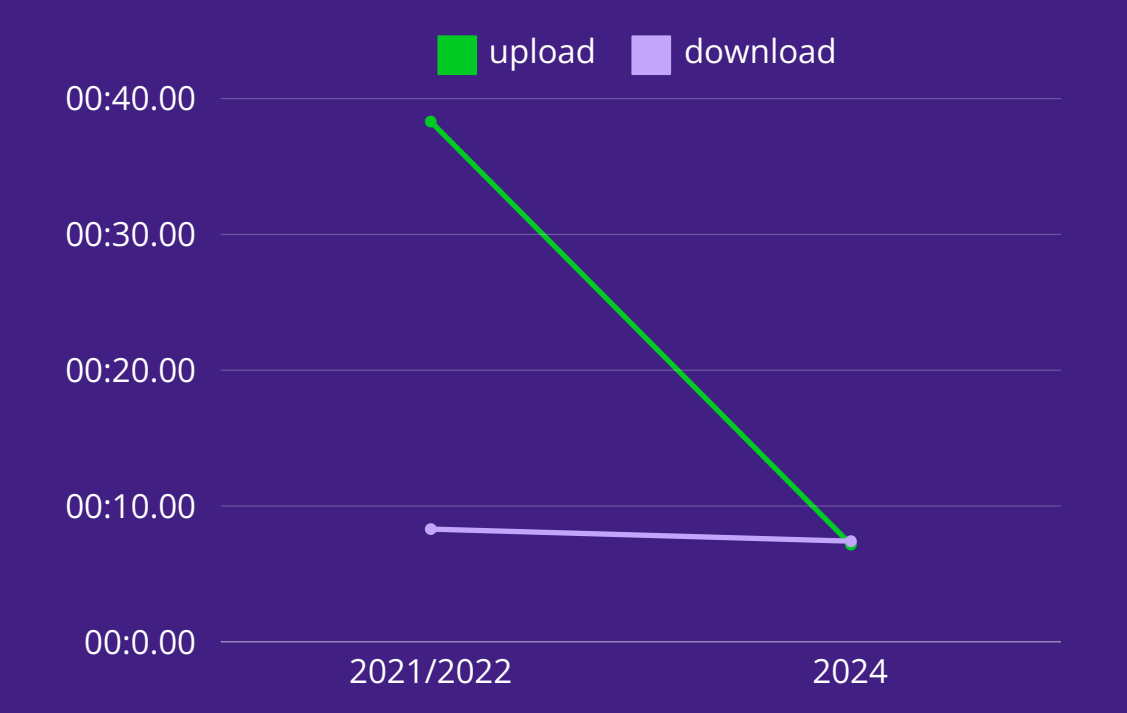



Overall  
Speed Rank **#8/28**  
for 2024



Since we started testing it, Proton Drive’s upload speed has likely improved more than any other provider in this report. It went from having an upload speed that was over five times longer than the minimum to cracking into the top five fastest uploaders.

Year	2021/2022	2023	2024
Average Upload	0:38:31	Not tested	0:07:16
Average Download	0:08:30	Not tested	0:07:41



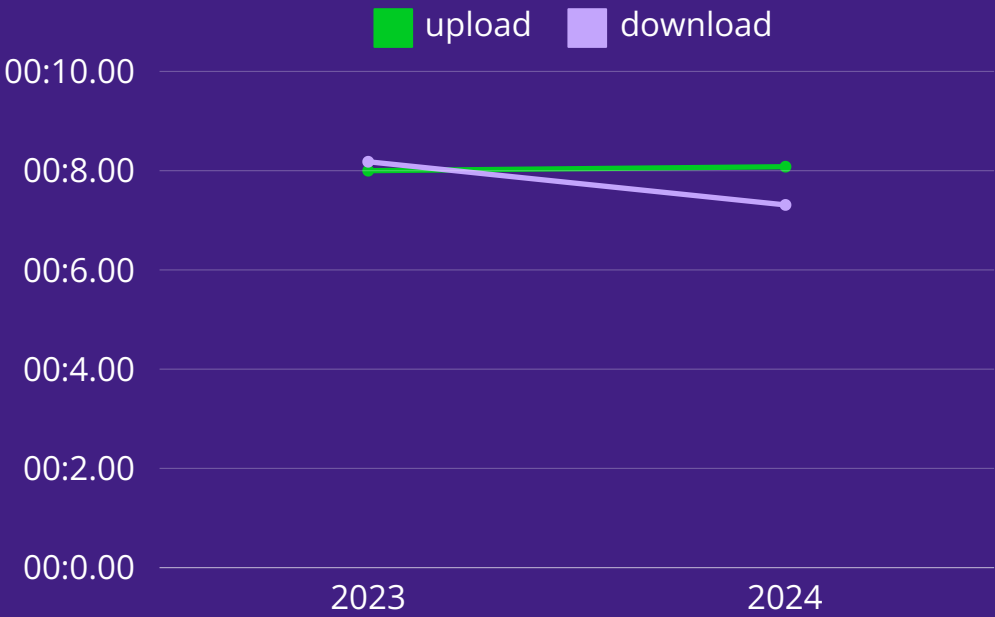
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Overall  
Speed Rank **#9/28**  
for 2024



Zoho WorkDrive entered our testing setup in 2023, but its speeds weren't particularly impressive. In 2024, its download speeds improved quite a bit, but its upload speeds got slightly slower.

Year	2021/2022	2023	2024
Average Upload	Not tested	0:08:00	0:08:08
Average Download	Not tested	0:08:18	0:07:31

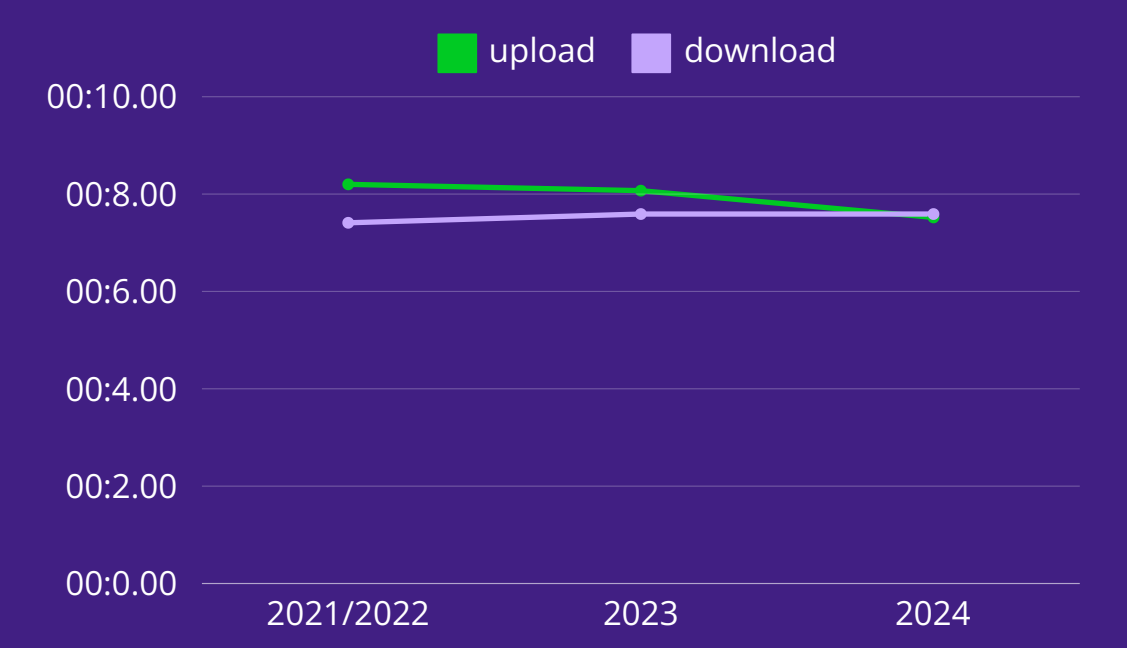



Overall  
Speed Rank **#10/28**  
for 2024



Out of all the providers that cater exclusively to businesses, Tresorit is the fastest. Its uploads are just slightly behind the top five providers, but its downloads are a little slow. Still, for a security-minded service that offers unlimited storage, these results are fairly impressive.

Year	2021/2022	2023	2024
Average Upload	0:08:20	0:08:07	0:07:52
Average Download	0:07:41	0:07:59	0:07:59



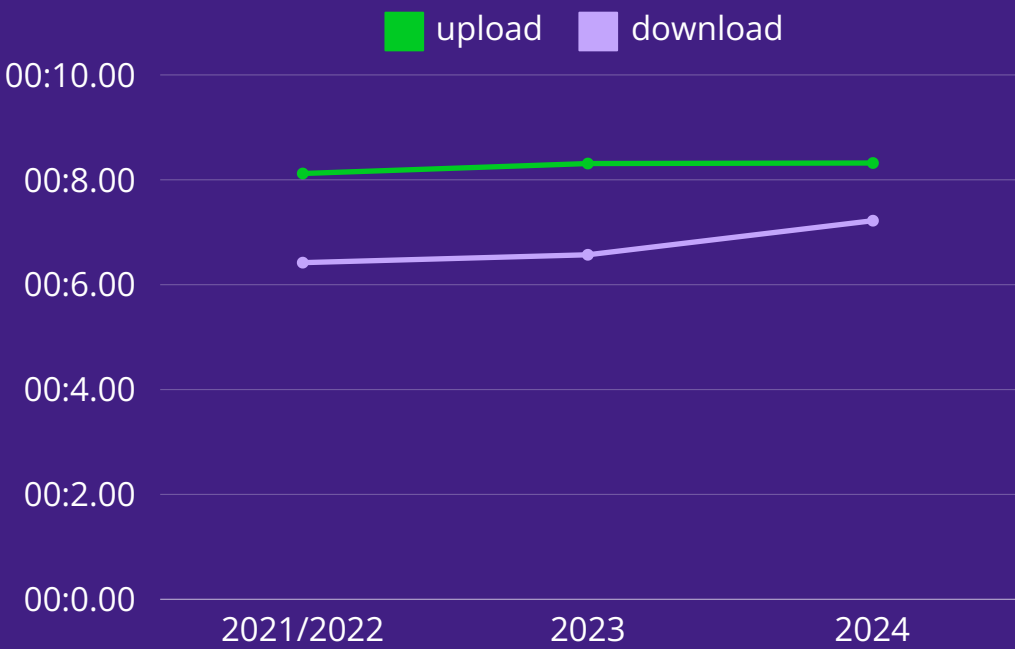
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Overall  
Speed Rank **#11/28**  
for 2024



pCloud is another cloud storage service that prioritizes privacy and security, but unlike Sync.com, it doesn't falter when it comes to speed. While it's been very consistent throughout our testing, its performance saw a slight dip in 2024, which kept it out of the "top five" rankings.

Year	2021/2022	2023	2024
Average Upload	0:08:12	0:08:31	0:08:32
Average Download	0:06:42	0:06:57	0:07:22



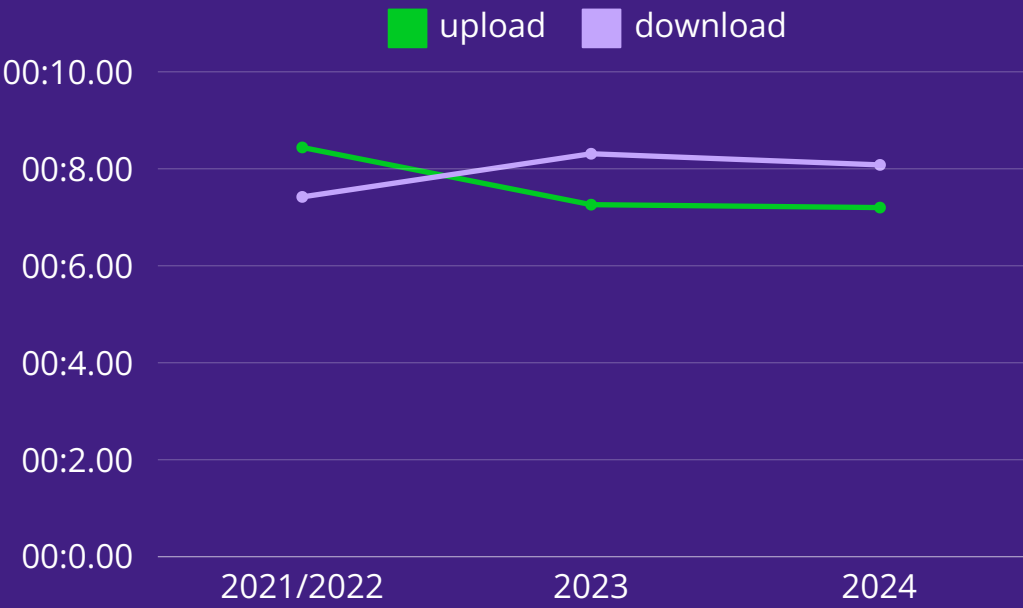
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Overall  
Speed Rank **#12/28**  
for 2024



MEGA is another top-performing provider, though it's seen some movement over the years. During our first tests, it had excellent download speeds but slightly flagging upload speeds. This trend reversed in 2023, with MEGA becoming one of the fastest uploaders, though its download performance has since decreased.

Year	2021/2022	2023	2024
Average Upload	0:08:44	0:07:26	0:07:20
Average Download	0:07:42	0:08:31	0:08:08



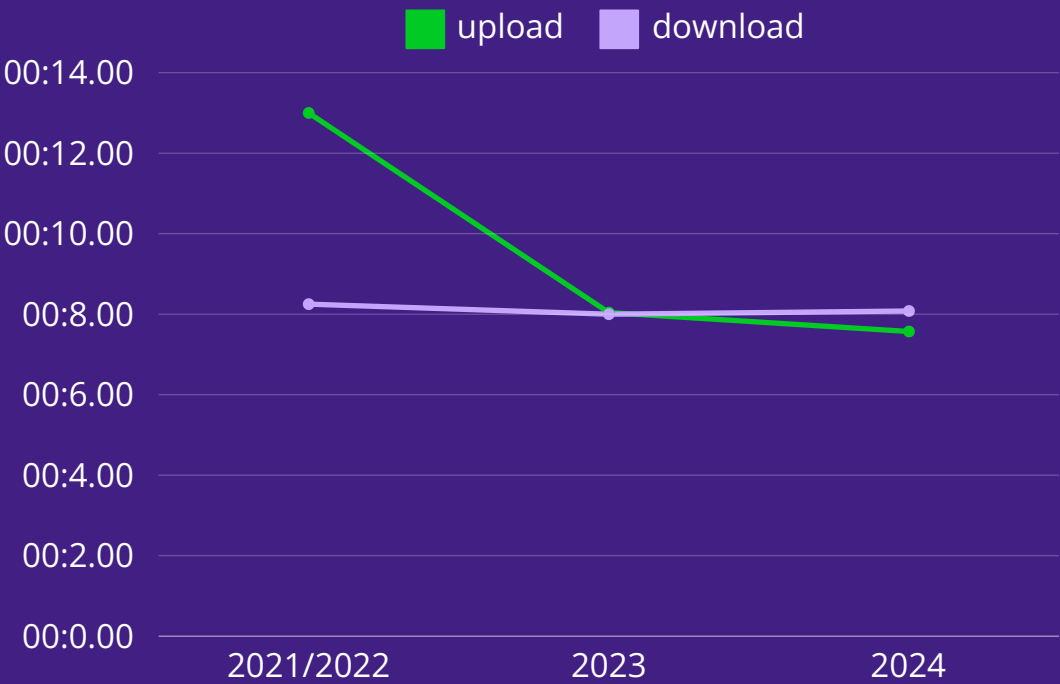
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Overall  
Speed Rank **#13/28**  
for 2024



For a business-focused provider, Box was disappointingly slow in our initial tests. Since then, its upload speeds have improved dramatically, and Box now has acceptable performance across the board. That said, it still has a ways to go before it can enter the upper echelon of speedy services.

Year	2021/2022	2023	2024
Average Upload	0:13:00	0:08:04	0:07:57
Average Download	0:08:25	0:08:00	0:08:08



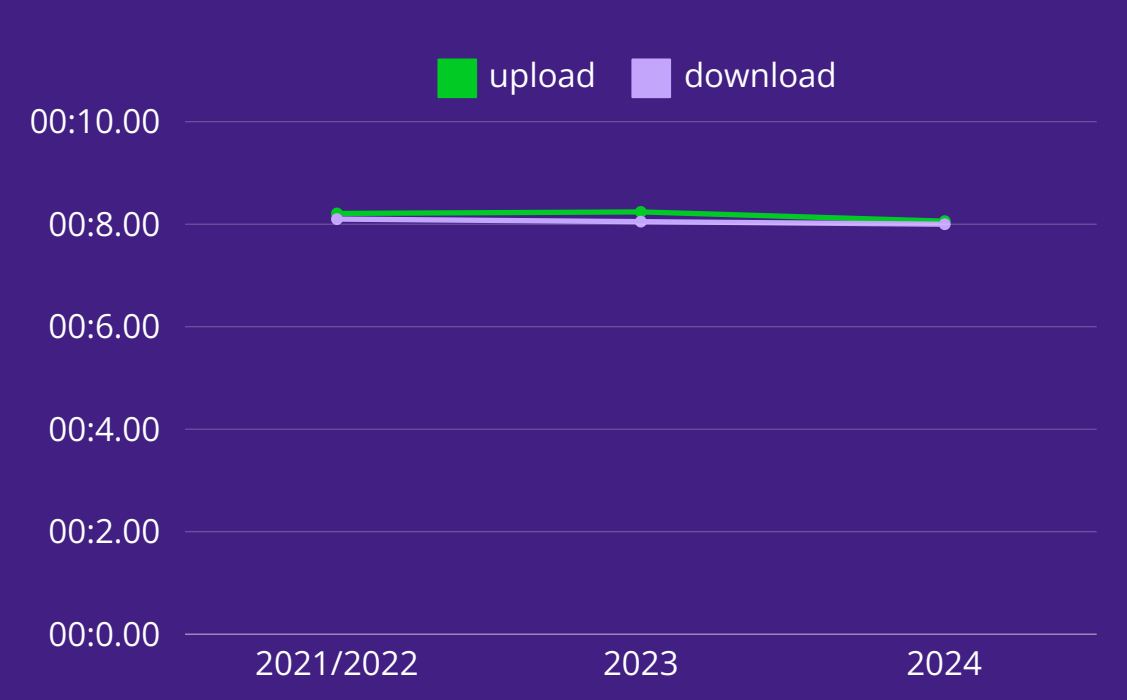
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Overall  
Speed Rank **#14/28**  
for 2024



Egnyte is a provider that focuses entirely on business customers, and mostly enterprise-level organizations at that. As such, you’d expect excellent results, but we’ve yet to see anything special from Egnyte. Although its results aren’t bad by any means, it falls short of breaking into the top five for both uploads and downloads.

Year	2021/2022	2023	2024
Average Upload	0:08:21	0:08:24	0:08:06
Average Download	0:08:10	0:08:05	0:08:00



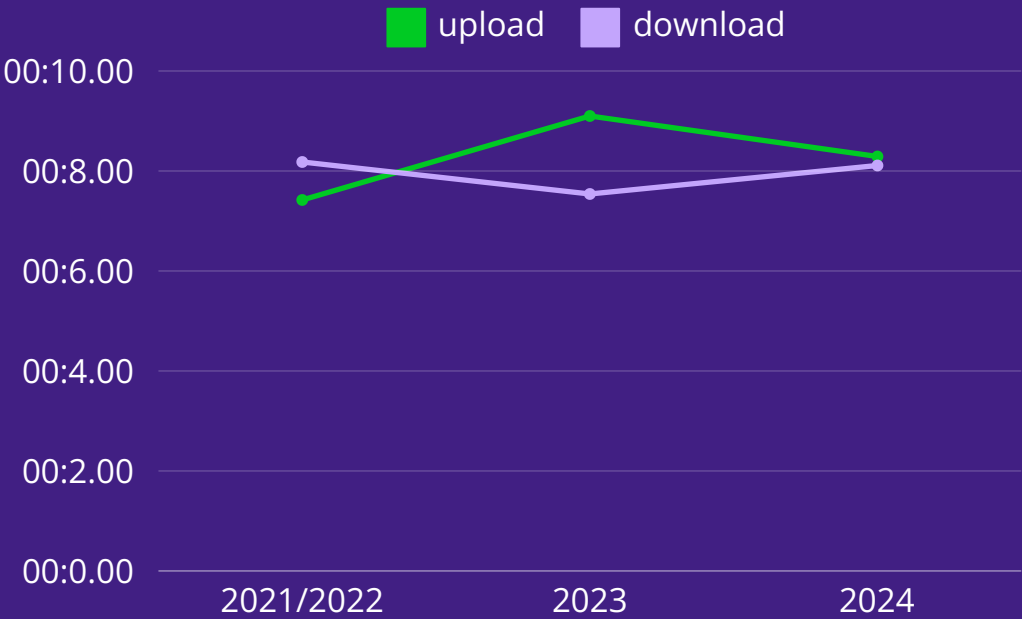
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Overall  
Speed Rank **#15/28**  
for 2024



Koofr provided another surprise in our tests. It may look like it hasn't been redesigned since the early 2010s, but perhaps this older model has helped it to manage decent speeds. The uploads flagged slightly in 2023, but they bounced back a little in 2024.

Year	2021/2022	2023	2024
Average Upload	0:07:42	0:09:10	0:08:29
Average Download	0:08:18	0:07:54	0:08:11



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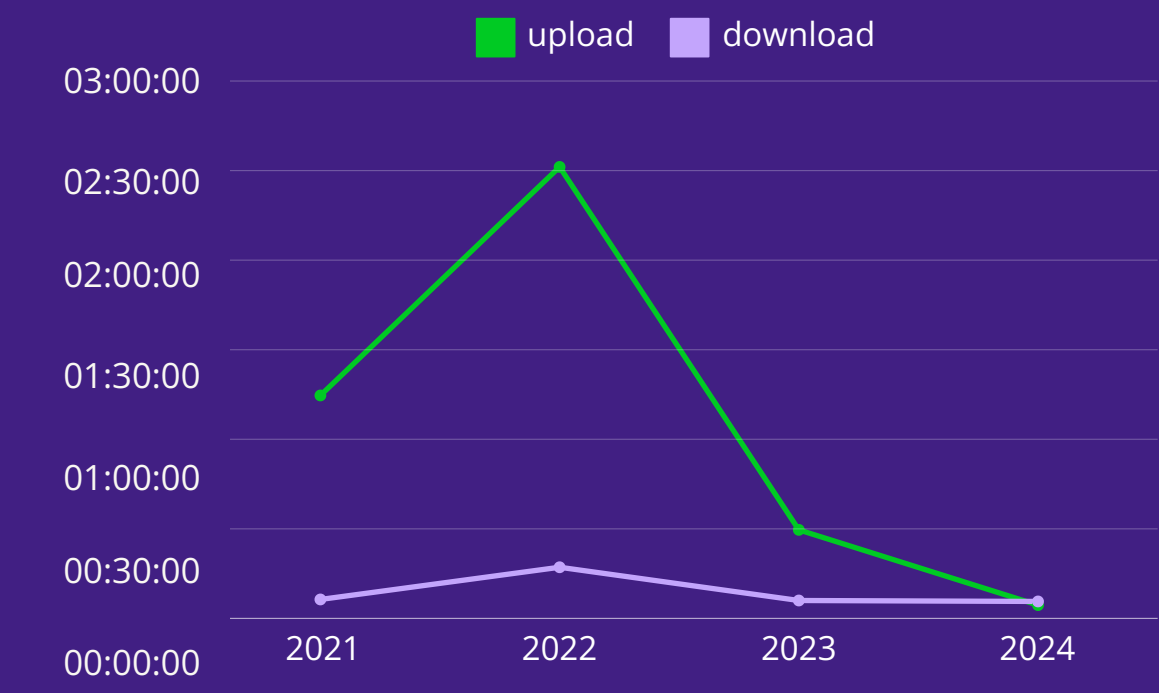



Overall  
Speed Rank **#16/28**  
for 2024



Of all the providers we've tested, Internxt has the most interesting journey. In 2021, its uploads were awfully slow. They got even worse in 2022, and even its download speeds declined. However, Internxt has done a remarkable job of turning this around. Its 2024 upload speeds made it one of the faster providers, placing it just outside the top five.

Year	2021	2022	2023	2024
Average Upload	1:24:47	2:52:06	0:49:43	0:07:42
Average Download	0:10:58	0:28:56	0:10:00	0:09:47



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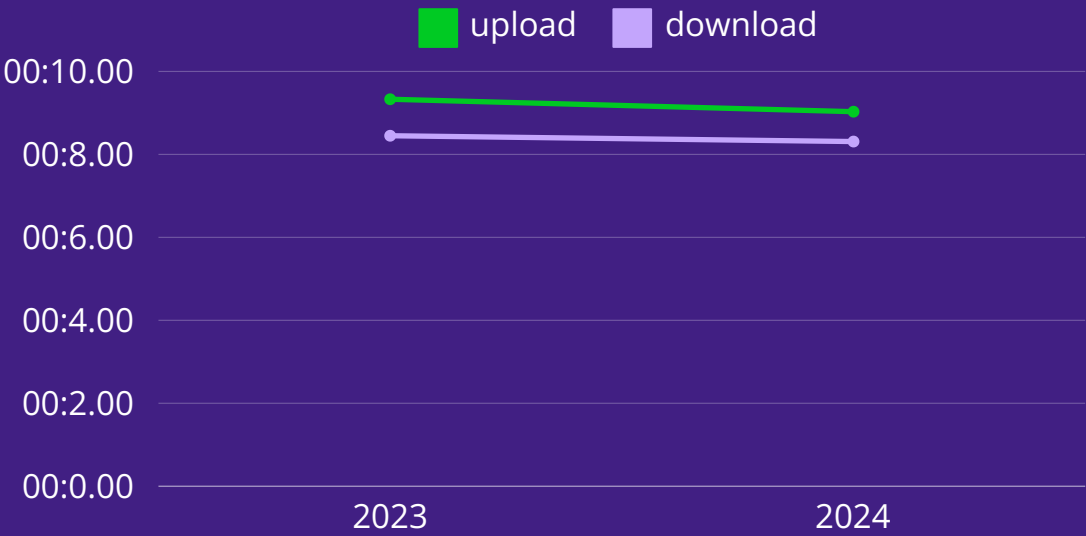
Overall  
Speed Rank **#17/28**  
for 2024



Not that long ago, NordLocker was just an encryption software that offered no storage of any kind. When we first tested it back in 2022, it had just made this transition, and it clearly wasn't ready for the challenge. It completely failed to upload our test data, no matter how many times we tried.

Fortunately, it was able to remedy those problems quickly, and it managed to complete the test in our subsequent evaluation. Still, its speeds weren't particularly impressive, placing it among the slower services that we've tested.

Year	2021/2022	2023	2024
Average Upload	Failed to upload	0:09:33	0:09:03
Average Download	N/A	0:08:45	0:08:31



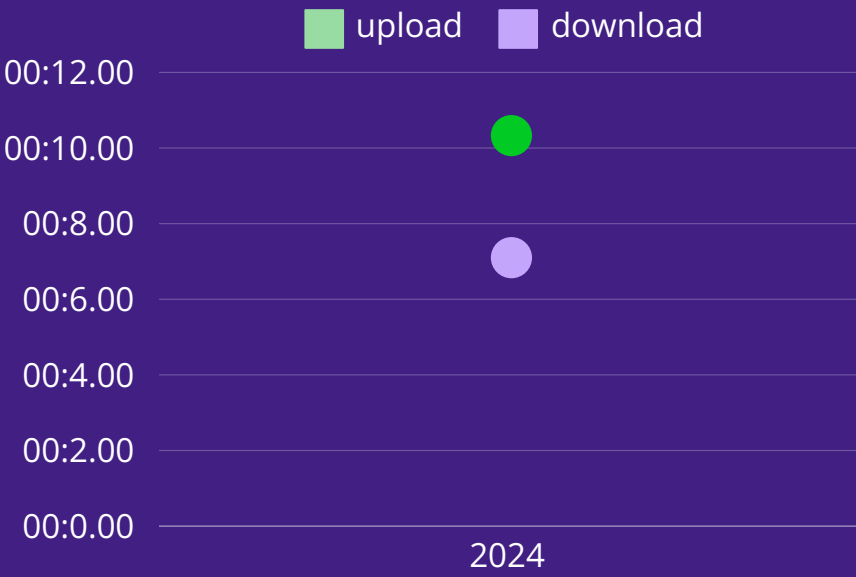
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Overall  
Speed Rank **#18/28**  
for 2024



Like MSP360, Duplicati doesn't offer its own storage. For our tests in 2024, we used Dropbox as the storage provider. Given that Dropbox is among the fastest uploaders, its clear that Duplicati adds a significant amount of overhead to uploads. However, downloads competed in a similar timeframe.

Year	2021/2022	2023	2024
Average Upload	N/A	N/A	0:10:16
Average Download	N/A	N/A	0:07:24

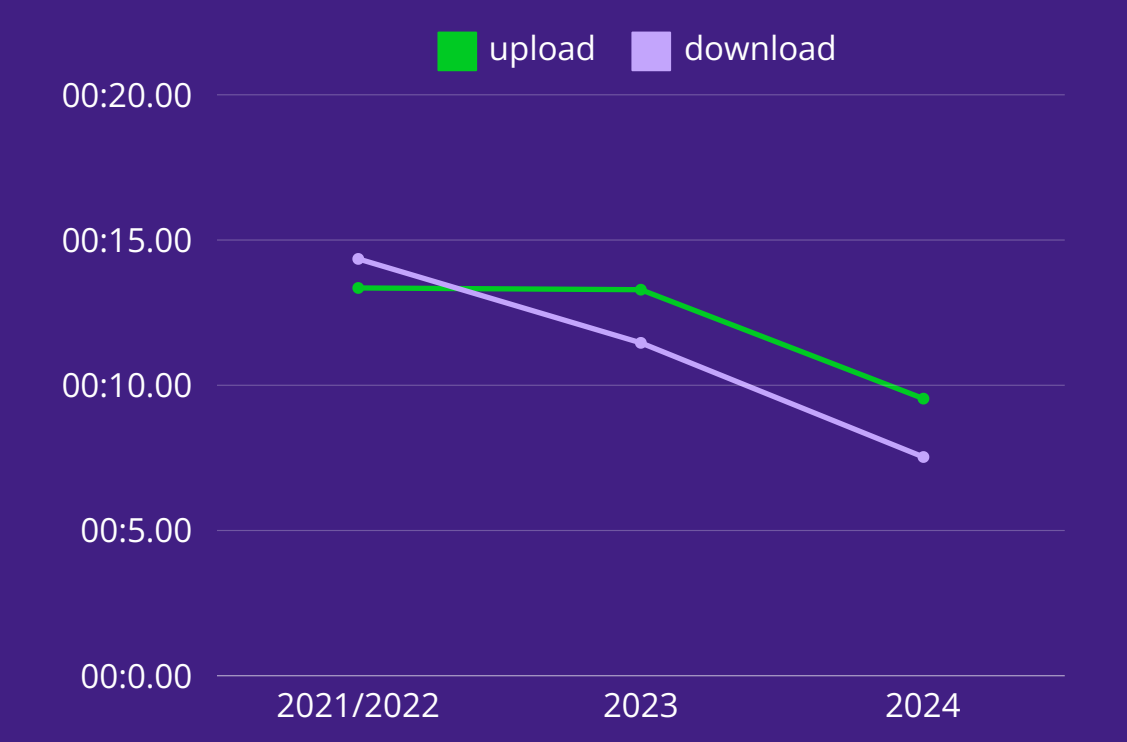



Overall  
Speed Rank **#19/28**  
for 2024



GoodSync has seen relatively significant improvements over the years – especially in terms of its download speeds, which were once much slower compared to other services. However, it still sits firmly toward the lower end of the middle tier on our list.

Year	2021/2022	2023	2024
Average Upload	0:13:35	0:13:29	0:09:54
Average Download	0:14:35	0:11:46	0:07:53



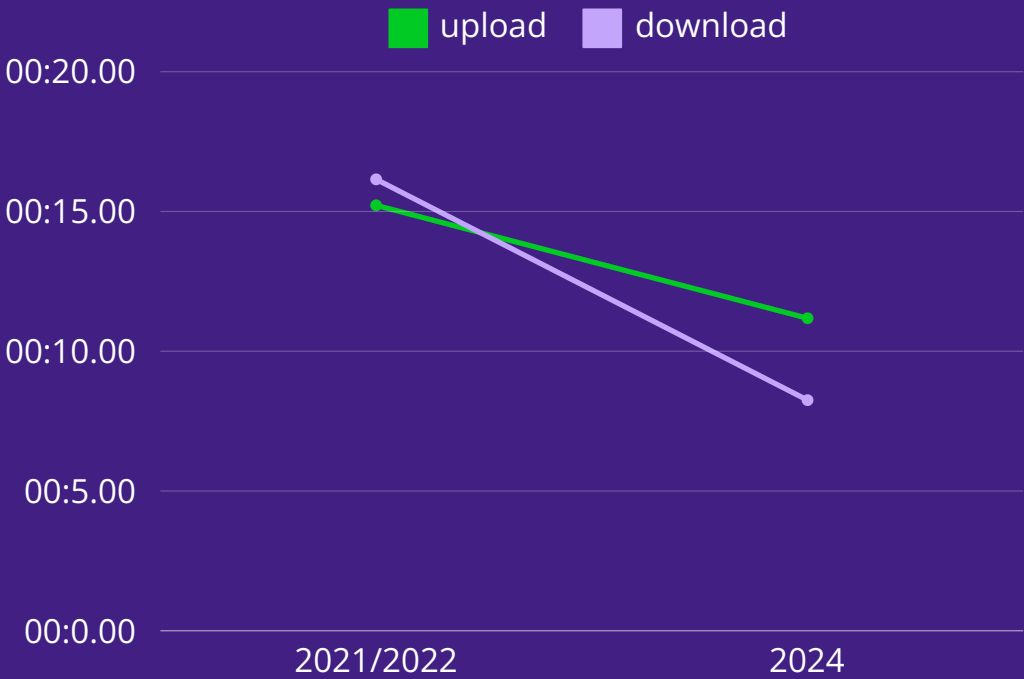
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Overall  
Speed Rank **#20/28**  
for 2024



Despite being a widely used cloud storage service run by one of the largest tech companies in the world, iCloud has shown consistently poor results in our tests. Its download speeds are fine yet unremarkable, but its upload speeds are where it really falters.

Year	2021/2022	2023	2024
Average Upload	0:15:22	Not tested	0:11:18
Average Download	0:16:15	Not tested	0:08:25



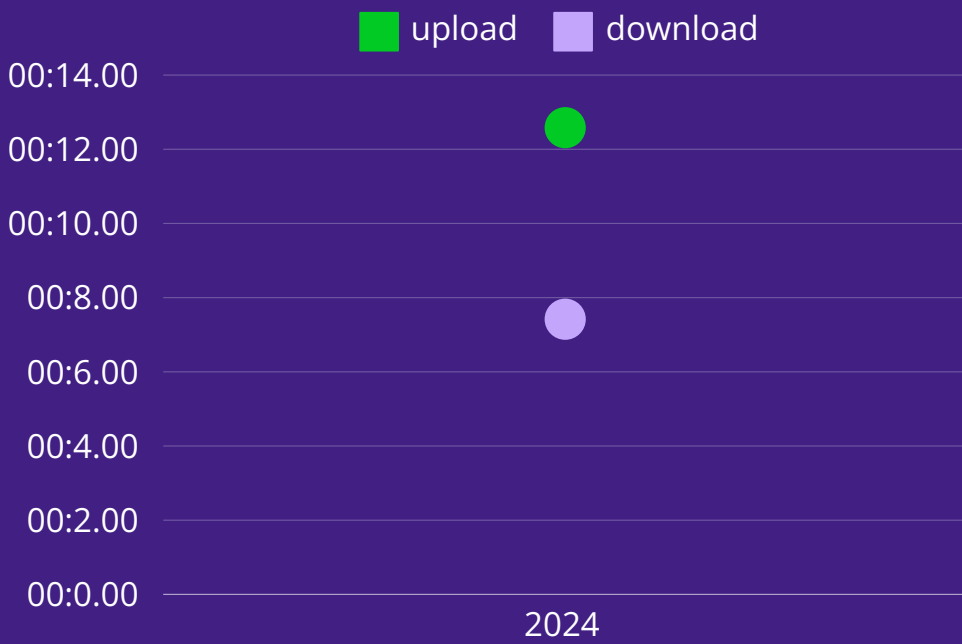
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Overall  
Speed Rank **#21/28**  
for 2024



OpenDrive is a new addition to our testing routine, so we don't have any numbers prior to 2024. Its download speeds performed well, but unfortunately, its upload speeds left much to be desired. They weren't poor enough to classify the provider as outright slow, but it sits comfortably in the "mediocre" range.

Year	2021/2022	2023	2024
Average Upload	Not tested	Not tested	0:12:55
Average Download	Not tested	Not tested	0:07:25



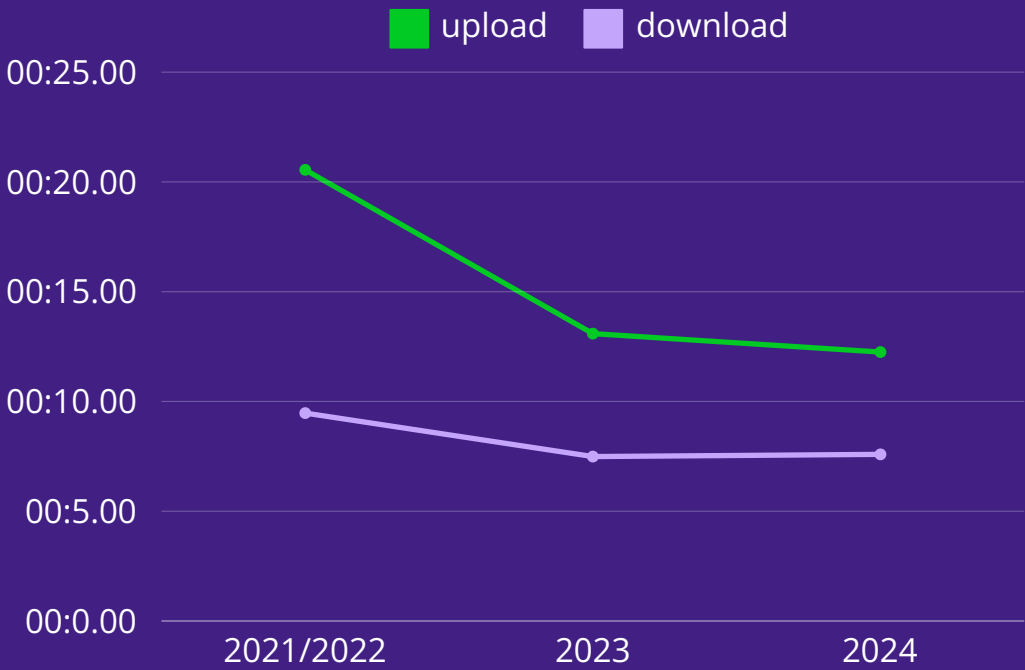
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Overall  
Speed Rank **#22/28**  
for 2024



Much like the other providers in this list, Filen’s speed has seen some improvement over the years. However, it’s still nowhere near the top providers, and its uploads and downloads are both fairly mediocre. Nevertheless, it has nearly halved its upload times since our first tests, so hopefully it can continue this upward trajectory into the future.

Year	2021/2022	2023	2024
Average Upload	0:20:55	0:13:09	0:12:25
Average Download	0:09:47	0:07:49	0:07:59



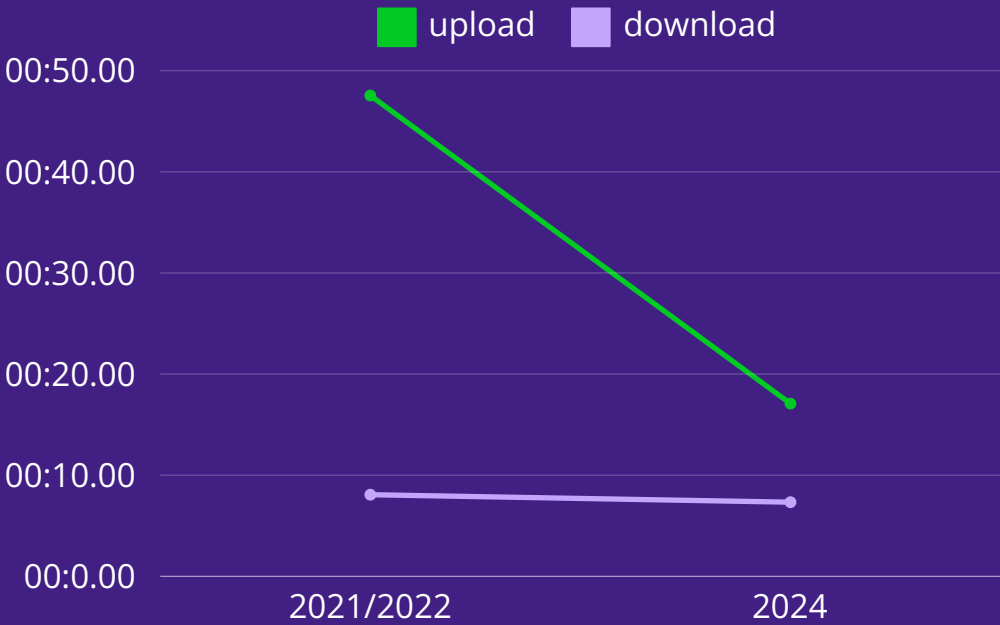
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Overall  
Speed Rank **#23/28**  
for 2024



Backblaze’s appeal has never been speed, but it has still managed to improve drastically over the past three years. During our original tests, the upload speed was very slow, taking almost an hour. Nevertheless, this provider saw great improvements to its time in 2024, though it’s still not considered fast.

Year	2021/2022	2023	2024
Average Upload	0:47:55	Not tested	0:17:08
Average Download	0:08:07	Not tested	0:07:33



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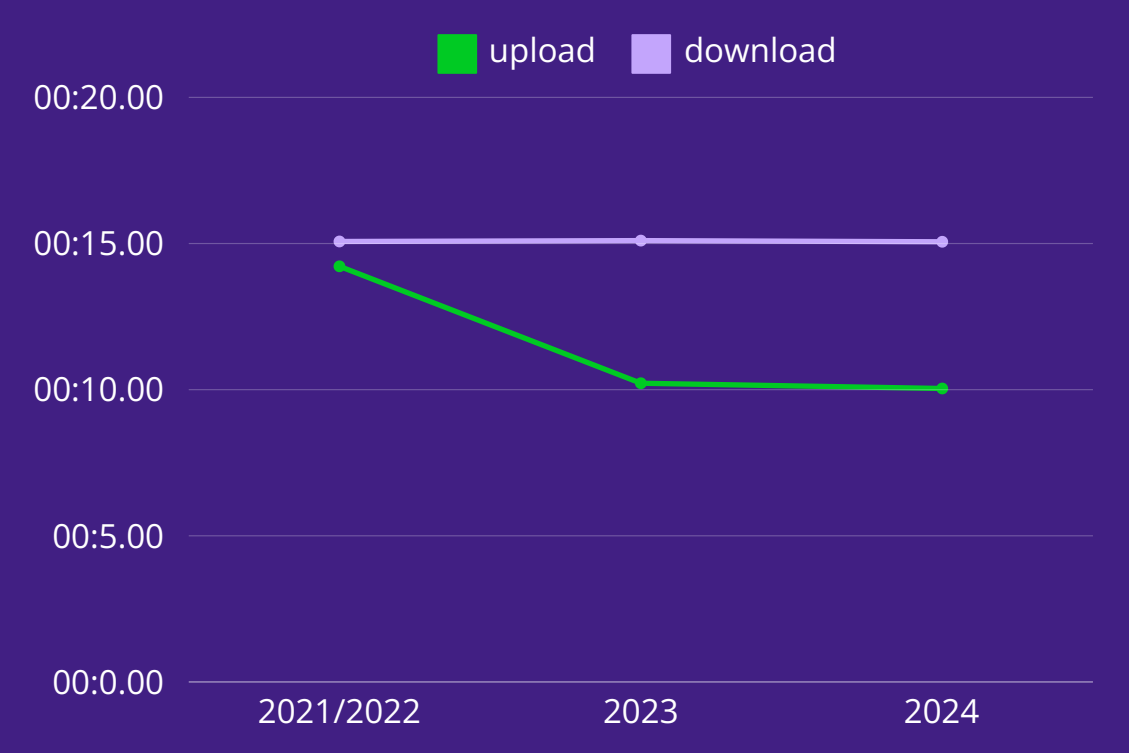


Overall  
Speed Rank **#24/28**  
for 2024



Sync.com is known for its commitment to user privacy and security, but its performance is consistently mediocre. Its uploads have seen some improvement over the years, but its download times are still over twice as long as the fastest possible time.

Year	2021/2022	2023	2024
Average Upload	0:14:09	0:10:22	0:10:04
Average Download	0:15:07	0:15:10	0:15:06

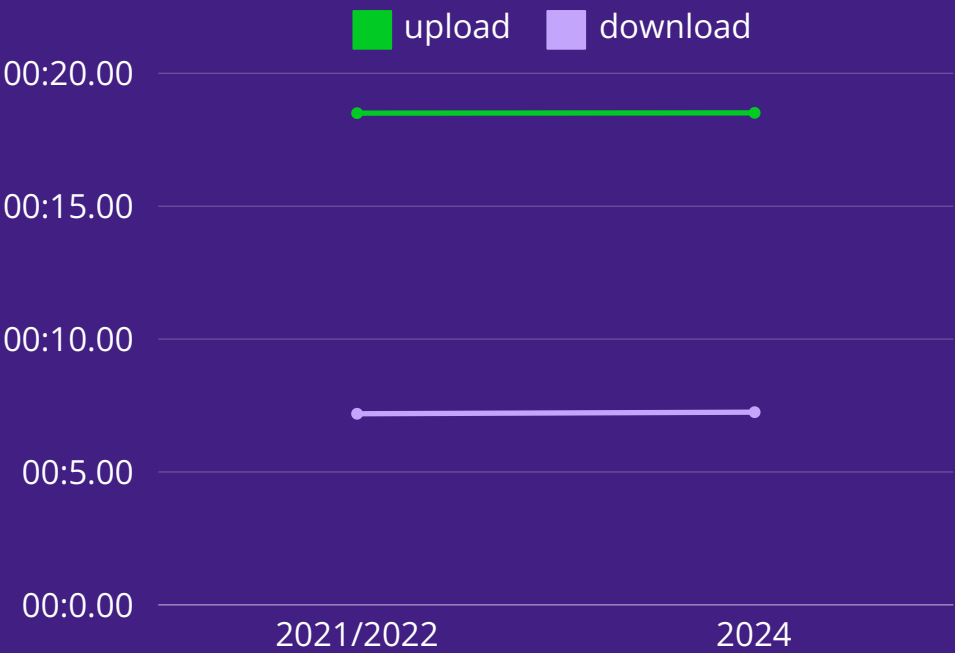


Overall  
Speed Rank **#25/28**  
for 2024



MSP360 is an outlier in our tests as it lacks its own cloud storage. Instead, it connects to other cloud storage providers through its client. For our testing, we used Backblaze as the storage provider. MSP360 performed only slightly worse than Backblaze in 2024, but it actually outperformed Backblaze in our original tests, revealing that the choice of client can significantly impact speeds.

Year	2021/2022	2023	2024
Average Upload	0:18:50	Not tested	0:18:51
Average Download	0:07:19	Not tested	0:07:25



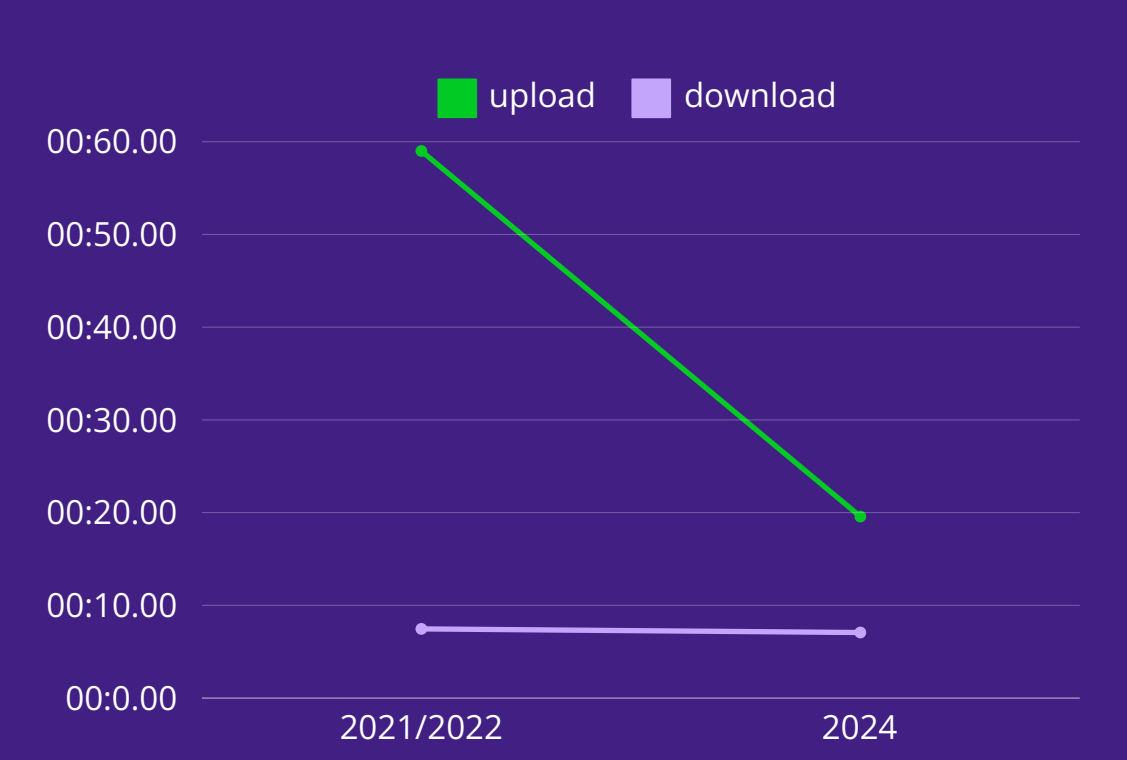
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Overall  
Speed Rank **#26/28**  
for 2024



CrashPlan is one of the more well-known online backup providers, so it's disappointing to see it struggle so much with upload performance. Although CrashPlan has improved significantly since we first started our standardized tests, it still has a long way to go before it can be considered anything resembling fast.

Year	2021/2022	2023	2024
Average Upload	1:04:22	Not tested	0:19:58
Average Download	0:07:46	Not tested	0:07:07



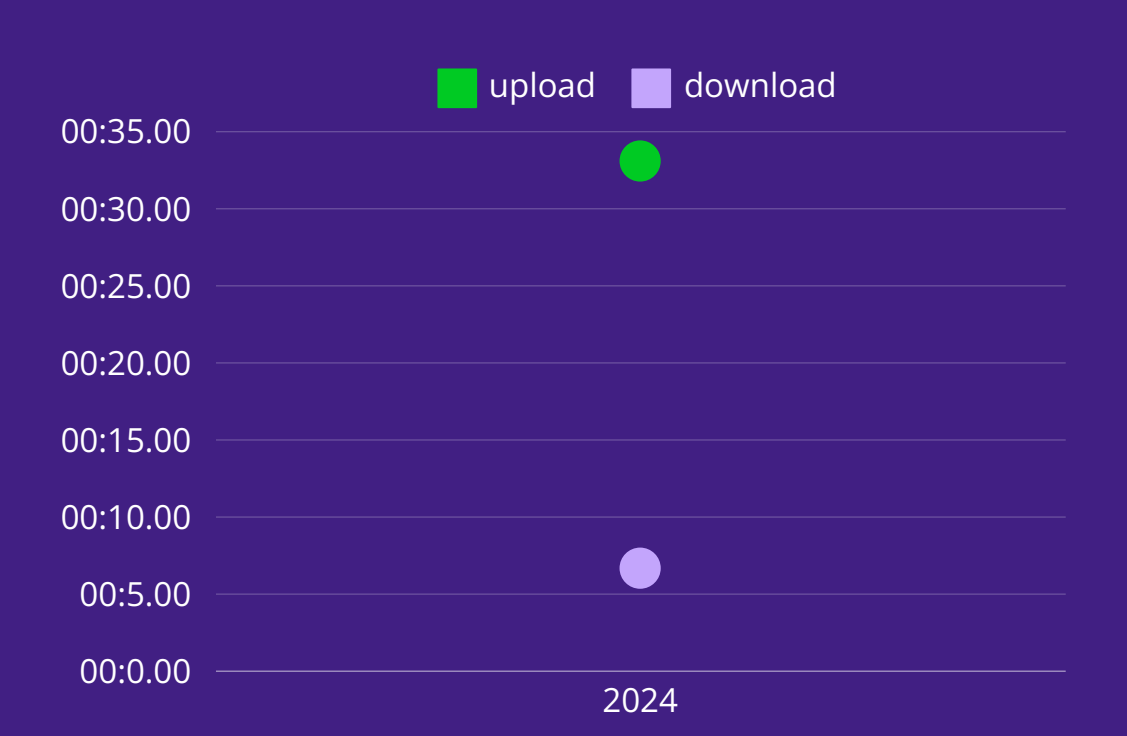
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Overall  
Speed Rank **#27/28**  
for 2024



SmugMug is another recent addition to our testing lineup. This provider focuses solely on video and images, meaning we had to use a dedicated test folder for this service. For uploads, it was one of the slower providers we’ve tested. However, its downloads were very fast, making it the third-fastest downloader overall.

Year	2021/2022	2023	2024
Average Upload	Not tested	Not tested	0:33:36
Average Download	Not tested	Not tested	0:07:09



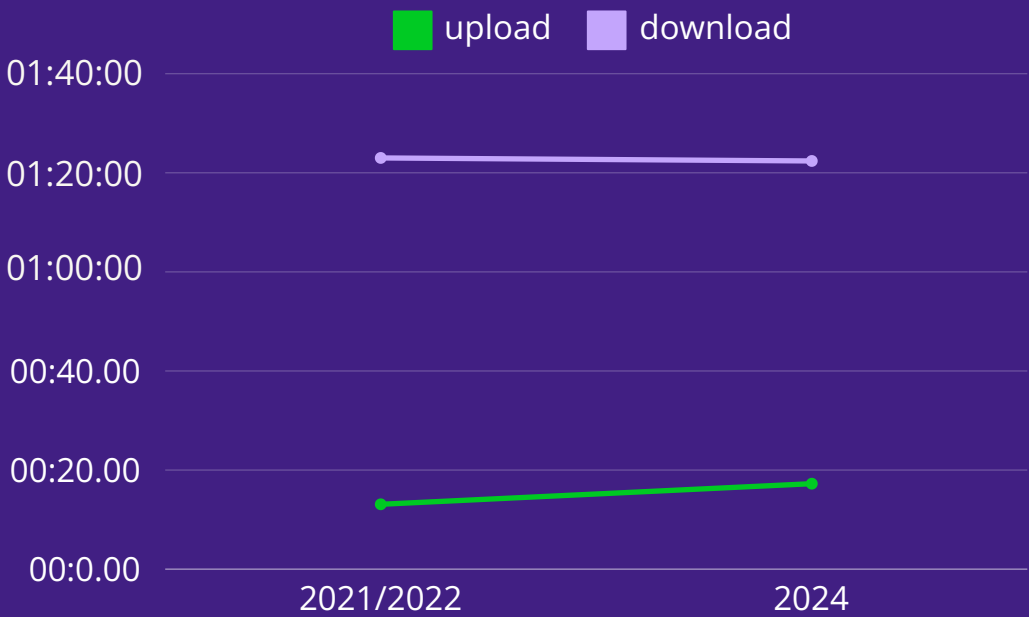
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Overall  
Speed Rank **#28/28**  
for 2024



Carbonite is like an upside-down reflection of Backblaze. It managed decent (though not fast) upload speeds in the past, but its downloads were – and still are – terrible. What’s worse, its upload speed has since deteriorated, putting it on a downward trajectory in terms of performance.

Year	2021/2022	2023	2024
Average Upload	0:13:09	Not tested	0:17:25
Average Download	1:23:00	Not tested	1:22:39



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## Full Year Results Tables

If you prefer to see the entire dataset and draw your own conclusions, we've included the "full results" tables for all three of our testing rounds so far.

### 2024 Full Results

Provider	Date Tested	First Upload	Second Upload	Upload Average	First Download	Second Download	Download Average
Acronis	Aug. 25, 2024	0:07:16	0:07:19	0:07:18	0:07:16	0:07:15	0:07:16
Backblaze	Feb. 26, 2024	0:16:53	0:17:23	0:17:08	0:07:13	0:07:52	0:07:33
Box	June 25, 2024	0:07:48	0:08:06	0:07:57	0:07:58	0:08:18	0:08:08
Carbonite	Feb. 26, 2024	0:16:36	0:18:13	0:17:25	1:18:54	1:26:23	1:22:39
CrashPlan	April 30, 2024	0:19:08	0:20:47	0:19:58	0:07:10	0:07:03	0:07:07
Dropbox	Feb. 28, 2024	0:07:03	0:07:32	0:07:18	0:07:16	0:07:28	0:07:22
Duplicati	Feb. 28, 2024	0:09:34	0:10:57	0:10:16	0:07:11	0:07:36	0:07:24



Egnyte	Aug. 25, 2024	0:08:18	0:07:54	0:08:06	0:07:55	0:08:05	0:08:00
Filen	Aug. 25, 2024	0:13:06	0:11:43	0:12:25	0:07:47	0:08:10	0:07:59
GoodSync	Aug. 31, 2024	0:09:45	0:10:03	0:09:54	0:08:02	0:07:43	0:07:53
Google Drive	May 6, 2024	0:07:05	0:07:25	0:07:15	0:07:16	0:07:19	0:07:18
Icedrive	May 21, 2024	0:07:12	0:07:06	0:07:09	0:07:11	0:07:41	0:07:26
iCloud Drive	Aug. 26, 2024	0:10:40	0:11:56	0:11:18	0:08:28	0:08:21	0:08:25
IDrive	Jan. 12, 2024	0:06:43	0:06:40	0:06:42	0:07:11	0:07:03	0:07:07
Internxt	June 12, 2024	0:07:43	0:07:40	0:07:42	0:08:59	0:10:35	0:09:47
Koofr	June 20, 2024	0:07:53	0:09:04	0:08:29	0:08:32	0:07:50	0:08:11
MEGA	May 23, 2024	0:07:26	0:07:24	0:07:20	0:08:14	0:08:02	0:08:08
MSP360	April 17, 2024	0:18:05	0:19:36	0:18:51	0:07:12	0:07:38	0:07:25
NordLocker	Aug. 30, 2024	0:09:10	0:08:56	0:09:03	0:08:35	0:08:27	0:08:31
OneDrive	May 21, 2024	0:07:26	0:07:35	0:07:31	0:07:18	0:07:16	0:07:17
OpenDrive	Jan. 5, 2024	0:13:05	0:12:45	0:12:55	0:07:27	0:07:23	0:07:25
pCloud	May 19, 2024	0:08:36	0:08:28	0:08:32	0:07:18	0:07:25	0:07:22
Proton Drive	Aug. 30, 2024	0:07:15	0:07:17	0:07:16	0:07:50	0:07:32	0:07:41
SmugMug	Aug. 7, 2024	0:34:18	0:32:54	0:33:36	0:07:12	0:07:05	0:07:09
SugarSync	Aug. 30, 2024	0:07:13	0:07:23	0:07:18	0:07:17	0:07:32	0:07:25
Sync.com	May 25, 2024	0:10:20	0:09:47	0:10:04	0:15:17	0:14:55	0:15:06
Tresorit	Aug. 30, 2024	0:07:51	0:07:53	0:07:52	0:07:57	0:08:01	0:07:59
Zoho WorkDrive	Aug. 31, 2024	0:08:05	0:08:10	0:08:08	0:07:23	0:07:38	0:07:31



## 2023 Full Results

Provider	Date Tested	First Upload	Second Upload	Upload Average	First Download	Second Download	Download Average
Box	April 2023	0:07:55	0:08:12	0:08:04	0:07:54	0:08:06	0:08:00
Dropbox	February 2023	0:06:44	0:07:23	0:07:04	0:07:13	0:07:25	0:07:19
Egnyte	May 2023	0:08:25	0:08:23	0:08:24	0:08:54	0:07:15	0:08:05
Filen	March 2023	0:12:23	0:13:54	0:13:09	0:07:54	0:07:43	0:07:49
GoodSync	April 2023	0:13:23	0:13:35	0:13:29	0:11:34	0:11:57	0:11:46
Google Drive	February 2023	0:07:04	0:07:13	0:07:09	0:07:26	0:07:23	0:07:25
Icedrive	February 2023	0:07:08	0:06:53	0:07:01	0:07:07	0:07:03	0:07:05
Internxt	March 2023	0:51:30	0:47:56	0:49:43	0:09:34	0:10:25	0:10:00
Koofr	February 2023	0:10:15	0:08:05	0:09:10	0:08:24	0:07:23	0:07:54
MEGA	February 2023	0:07:20	0:07:32	0:07:26	0:08:58	0:08:04	0:08:31
NordLocker	June 2023	0:09:39	0:09:27	0:09:33	0:09:06	0:08:23	0:08:45
OneDrive	February 2023	0:07:10	0:07:27	0:07:19	0:07:17	0:07:21	0:07:19
pCloud	February 2023	0:08:18	0:08:44	0:08:31	0:06:52	0:07:02	0:06:57
Sync.com	February 2023	0:10:46	0:09:58	0:10:22	0:15:06	0:15:13	0:15:10
Tresorit	March 2023	0:07:57	0:08:17	0:08:07	0:08:15	0:07:43	0:07:59
Zoho WorkDrive	April 2023	0:08:21	0:07:38	0:08:00	0:08:12	0:08:23	0:08:18



## 2022/2021 Full Results

Provider	Date Tested	First Upload	Second Upload	Upload Average	First Download	Second Download	Download Average
Acronis	October 2021	0:42:43	0:23:21	0:33:02	0:07:19	0:07:19	0:07:19
Backblaze	October 2021	0:44:00	0:51:50	0:47:55	0:08:15	0:08:00	0:08:07
Box	November 2021	0:10:15	0:15:45	0:13:00	0:08:10	0:08:40	0:08:25
Carbonite	October 2021	0:15:48	0:10:30	0:13:09	1:20:40	1:25:20	1:23:00
CrashPlan	November 2021	1:02:00	1:06:45	1:04:22	0:08:10	0:07:23	0:07:46
Dropbox	August 2021	0:08:10	0:07:51	0:08:00	0:07:45	0:07:40	0:07:42
Egnyte	November 2021	0:08:22	0:08:20	0:08:21	0:09:10	0:07:10	0:08:10
Filen	November 2021	0:19:30	0:22:20	0:20:55	0:10:05	0:09:30	0:09:47
GoodSync	December 2021	0:13:20	0:13:50	0:13:35	0:14:26	0:14:44	0:14:35
Google Drive	August 2021	0:07:23	0:07:20	0:07:21	0:07:15	0:07:19	0:07:17
HiDrive	December 2021	0:19:05	0:18:20	0:18:42	0:08:15	0:08:00	0:08:07
Icedrive	August 2021	0:06:50	0:07:41	0:07:15	0:07:06	0:07:07	0:07:06
iCloud Drive	November 2021	0:13:45	0:17:00	0:15:22	0:22:00	0:10:30	0:16:15



Provider	Date Tested	First Upload	Second Upload	Upload Average	First Download	Second Download	Download Average
IDrive	October 2021	0:07:57	0:07:48	0:07:52	0:07:14	0:07:37	0:07:25
Internxt	October 2021	1:27:46	1:21:49	1:24:47	0:10:02	0:11:54	0:10:58
Koofr	November 2021	0:07:55	0:07:30	0:07:42	0:09:20	0:07:15	0:08:18
MEGA	September 2021	0:08:38	0:08:50	0:08:44	0:08:10	0:07:14	0:07:42
MSP360	October 2021	0:17:08	0:20:32	0:18:50	0:07:24	0:07:14	0:07:19
OneDrive	August 2021	0:09:25	0:09:00	0:09:12	0:07:20	0:07:18	0:07:19
pCloud	August 2021	0:08:55	0:07:30	0:08:12	0:06:41	0:06:43	0:06:42
Proton Drive	November 2022	0:36:50	0:40:12	0:38:31	0:08:45	0:08:15	0:08:30
SpiderOak	October 2021	3:02:02	3:10:01	3:06:01	0:08:57	0:07:35	0:08:16
SugarSync	August 2021	0:11:40	0:15:35	0:13:37	0:06:56	0:13:00	0:09:58
Sync.com	August 2021	0:09:48	0:18:30	0:14:09	0:15:11	0:15:03	0:15:07
Tresorit	November 2021	0:08:40	0:08:00	0:08:20	0:08:02	0:07:20	0:07:41
Yandex.Disk	December 2021	0:07:15	0:07:00	0:07:07	0:07:30	0:07:40	0:07:35

Discontinued Tests

We’ve removed some cloud storage providers and online backup services from our regular testing schedule. Generally speaking, this is due to one of three reasons:

- 1. The service stopped operating or moved away from consumer-focused cloud storage.
- 2. The service decreased significantly in popularity.
- 3. The service underwent changes that made it impossible to test in our environment.

We’ve included the historical data for these services below.

SpiderOak

Year	2024	2023	2022/2021
Average Upload	Not tested	Not tested	3:06:01
Average Download	Not tested	Not tested	0:08:16

HiDrive

Year	2024	2023	2022/2021
Average Upload	Not tested	Not tested	0:18:42
Average Download	Not tested	Not tested	0:08:07

Yandex.Disk

Year	2024	2023	2022/2021
Average Upload	Not tested	Not tested	0:07:07
Average Download	Not tested	Not tested	0:07:35

## Author

### Aleksander Hougen

#### Co-Chief Editor



#### Snap Shot

Aleksander Hougen is a managing editor at Cloudward.net. His writing and research focus on cloud storage, online backup, online security and the digital nomad lifestyle.

#### Background & Education

Aleksander Hougen, as the managing editor at Cloudwards, blends his extensive knowledge of software engineering with the evolving demands of the tech-savvy audience. Specializing in topics such as cloud storage, online backup, digital security, project management and VPNs, he delivers content that not only informs but also guides readers through the complex landscape of technology.

His expertise is not just limited to writing; it encompasses the holistic management of content that ensures readers are getting the most accurate and up-to-date information. Aleksander is a digital nomad with a passion for traveling, having lived in many countries across four continents.

Aleksander brings a solid educational foundation to his role at Cloudwards. With both a Bachelor's and a Postgraduate Certificate in Software Engineering, he is well-equipped to dissect and discuss the intricacies of technology in a way that is both accessible and authoritative for his readers.

His educational background allows him to delve deep into topics, ensuring that the content not only engages technology enthusiasts but also empowers them with actionable knowledge.

## Cloud Storage Performance 2024 Report by



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