Data Storage Corporation 48 South Service Road Melville, NY 11747

August 31, 2021

VIA EDGAR

U.S. Securities & Exchange Commission Division of Corporation Finance Office of Technology 100 F Street, N.E. Washington, D.C. 20549

Attention: Alexandra Barone, Staff Attorney

Re: Data Storage Corporation

Registration Statement on Form S-1

Filed August 25, 2021 File No. 333-259049

Dear Ms. Barone:

In accordance with Rule 461 of the Securities Act of 1933, as amended, Data Storage Corporation (the "Company") hereby respectfully requests that the effective date of the above-captioned Registration Statement be accelerated so that it will be declared effective at 5:00 p.m. Eastern Time on Thursday, September 2, 2021, or as soon thereafter as possible.

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Very Truly Yours,

Data Storage Corporation

/s/ Charles Piluso

Charles Piluso Chief Executive Officer