

DIGITAL REALTY TRUST, INC.
2323 Bryan Street, Suite 1800
Dallas, TX 75201

April 15, 2025

VIA EDGAR

Securities and Exchange Commission
Division of Corporation Finance
Office of Real Estate & Construction
100 F Street, N.E.
Washington, D.C. 20549
Attn: Isabel Rivera

**Re: Digital Realty Trust, Inc.
Registration Statement on Form S-3
Filed April 7, 2025
File No. 333-286425**

Dear Ms. Rivera:

In accordance with Rule 461 promulgated under the Securities Act of 1933, as amended, Digital Realty Trust, Inc. (the "**Company**") hereby request acceleration of the effective date of the above-referenced Registration Statement on Form S-3 (File No. 333-286425) (the "**Registration Statement**"). The Company respectfully request that the Registration Statement become effective as of 4:00 p.m., Eastern Time, on April 18, 2025 or as soon as practicable thereafter. Once the Registration Statement has been declared effective, please orally confirm that event with our counsel, Latham & Watkins LLP, by calling Brent T. Epstein of Latham & Watkins LLP at (213) 891-8185.

Very truly yours,

DIGITAL REALTY TRUST, INC.

/s/ Jeannie Lee

Jeannie Lee

Executive Vice President, General Counsel and Secretary

cc: Andrew Power, President & Chief Executive Officer
Matthew Mercier, Chief Financial Officer
Julian T.H. Kleindorfer, Latham & Watkins LLP
Brent T. Epstein, Latham & Watkins LLP