

SDSC STORAGE SOLUTIONS

PROJECT STORAGE



The SDSC IT Services team offers Network File System storage to campus users, members of the UC community, and UC affiliates. Project Storage is

often combined with the compute services at SDSC because of its ease of mounting and high connection speed, making it the preferred storage choice of many researchers who work with Big Data.

There are two types of Project Storage:

HOTEL

Reserve space on one of several open storage nodes. Monthly fees are assessed by the amount of allocated storage.

CONDO

Invest in the Project Storage hardware and place it in the SDSC datacenter. The SDSC storage team provides hardware recommendations, setup, and continual maintenance. Condo results in significantly lower total cost over its five year lifetime compared to equivalent hotel storage.

Service Component	Recharge Rate
Hotel (1 TB Minimum, 500 GB Increments)	\$45.75/TB/Month
Condo (provides between ~120 TB and ~260 TB of usable space)	\$782.08/Month

CLOUD STORAGE

The SDSC IT Services team administers one of the first large-scale academic deployments of cloud storage in the world. Cloud Storage is organized into object-based cloud storage by OpenStack's Swift platform.



SDSC Cloud Storage is the perfect storage choice for researchers with fixed budgets because unlike other cloud providers, SDSC features a simplified

recharge plan that eliminates secondary fees such as bandwidth costs, charges assessed per request, and regional migration fees.

Advantages of SDSC Cloud include:

COLLABORATION

Effortlessly share cloud data with colleagues or the public.

REDUNDANCY

Three copies of each file distributed across multiple internal racks.

TECHNICAL SUPPORT

Communicate directly with SDSC Cloud Storage engineers, who enjoy using their extensive experience to assist you.

Project Storage Type	UC Recharge Rate
Cloud Storage (Minimum allocation 1 TB; billed monthly storage use is averaged by monitoring space used hourly)	\$32.16/TB/Month

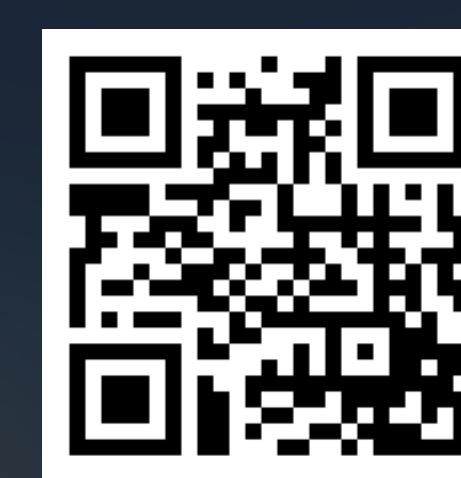


UC San Diego SDSC SAN DIEGO SUPERCOMPUTER CENTER

As an Organized Research Unit of UC San Diego, the San Diego Supercomputer Center (SDSC) is considered a leader in data-intensive computing and cyberinfrastructure, providing resources, services, and expertise to the national research community including industry and academia.

SDSC's 19,000-square foot climate-controlled and secure datacenter is fully equipped with 13 Megawatts of power, multi- 10-gigabit network connectivity, and a 24/7 operations staff.

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Scan the QR code to visit www.sdsc.edu/services

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