



# Memorandum

**To:** All CDT Customers

**Date:** May 22, 2019

**From:** Department of Technology

**Subject: RATE CHANGES FOR FISCAL YEAR 2019-2020**

The Department of Technology is implementing rate adjustments for Fiscal Year (FY) 2019-2020. The purpose of these rate changes is to align the rates with the cost of providing the services.

The rate changes include rate decreases for the following service offerings with an effective date of July 1, 2019:

- Mainframe Application Hosting
- Mainframe Disk Storage
- Mainframe Tape Storage
- Open Systems Storage

The rate changes also include a new service rate methodology to recover the Security Operations Center (SOC) costs. The effective date for implementation is July 1, 2019.

## **Mainframe Application Hosting:**

The Mainframe Application Hosting service provides a computing environment, which provides the resources needed to complete the information processing needs to meet each department's mission objectives. As part of this service offering, CDT works with customers to select an appropriate configuration based on the customer's business needs. The configurations range from those with basic components available for z/OS platforms as part of the standard offering, as well as additional processing capabilities available through the add-on components available for this platform.

Service Code	Service Description	Metric	Current Rate	New Rate	% Change
C101 to C108	z/OS CPU Processing	Normalized CPU Hour	\$499	\$495	-0.8%
C112	zIIP CPU Processing	Normalized CPU Hour	\$50	\$49	-2.0%

## **Mainframe Disk Storage:**

The mainframe platform offers reliable, high-speed disk storage using Redundant Array of Independent Disks technology. CDT provides incremental backups on all newly created and updated datasets. Data resides on the online disk for 7 days for all newly created, updated or

read datasets. The datasets are archived based on client criteria; however, the default procedure is to archive the data after 7 days of non-use.

Service Code	Service Description	Metric	Current Rate	New Rate	% Change
S101	Shared Disk Storage	Per Gigabyte, per month	\$4.48	\$2.95	-34.2%
S102	Dedicated Disk Storage	Per Gigabyte, per month	\$4.48	\$2.95	-34.2%
S103	ADABAS Disk Storage	Per Gigabyte, per month	\$4.48	\$2.95	-34.2%
S107	HSM Level 2 Data Storage	Per Gigabyte, per month	\$2.58	\$1.80	-30.2%

#### Mainframe Tape Storage:

CDT offers data storage on virtual tape with high-speed access at a lower cost. Data stored on virtual tape is auto backed up to a second copy stored at another Data Center location.

Service Code	Service Description	Metric	Current Rate	New Rate	% Change
S213	Virtual Tape Storage	Per Gigabyte, per month	\$0.47	\$0.47	0.0%
S205	Virtual Tape Mount	Per Mount	\$0.90	Eliminate	-100.0%

#### Open Systems Storage:

CDT offers secure and reliable open systems data storage services. The open systems data storage uses the storage area network, rather than a distributed storage system, and includes high availability, efficient, and reliable backup and restoration functions. In addition, CDT is proposing to add rates for primary and secondary storage replication for disaster recovery.

Service Code	Service Description	Metric	Current Rate	New Rate	% Change
S208	Primary Data Storage	Per Gigabyte, per month	\$1.72	\$1.38	- 19.77%
S210	Secondary Data Storage	Per Gigabyte, per month	\$0.86	\$0.69	- 19.77%
S216	Open Systems Storage Data Backups	Per Gigabyte, per month	\$0.43	\$0.36	- 16.28%
R309	Basic DR Data Storage	Per Gigabyte, per month	\$0.73	\$0.58	- 20.55%
R312	Primary DR Data Storage Replication	Per Gigabyte, per month	N/A	\$1.38	N/A
R313	Secondary DR Data Storage Replication	Per Gigabyte, per month	N/A	\$0.69	N/A

**Security Operations Center:**

The SOC is a critical part of ensuring uninterrupted 24x7x365 services for the state's data centers by providing threat detection, prevention and optimum vulnerability management restorative measures. The SOC has three primary functions:

- 1) Provide security services to the state community that are deemed the highest value (e.g. intrusion detection/protection technologies, security analytics technologies, endpoint protection technologies, vulnerability scanning, phishing technologies, security operation workflow management, etc.);
- 2) Provide administration of the technologies that are required for the SOC monitoring and response function as well as those centralized security technologies that are required for CDT and its IT services; and
- 3) Provide security operational architecture and mastery level skills to CDT and its customers as they engage with Security Operations.

In order to recover the SOC's maintenance and operations costs, CDT will calculate a monthly charge based on each entity's number of electronic mailboxes and each entity's monthly invoiced amount. An entity's percent to total mailboxes and their percent to monthly charges for the prior month will be weighted equally to calculate the monthly charge.

Service Code	Service Description	Metric	Current Rate	New Rate	% Change
Z701	Security Operations Center	Monthly Charge	n/a	Calculated Charge/ Monthly	New

If you have any questions regarding these rate changes, please contact Natividad Nevarez at (916) 431-4286 or [natividad.nevarez@state.ca.gov](mailto:natividad.nevarez@state.ca.gov).