Dell Storage Manager Chargeback

Recover realistic storage costs from application or departmental users, as well as budget for the future

Dell™ Storage Manager (DSM) Chargeback

- Automatically calculate storage costs based on the actual space consumed by applications

- Assign different costs to each volume based on disk class or storage tier

- Get reports to identify the cost of storage consumption based on department name or account number

- Schedule reports for automatic email delivery to business units daily, weekly, monthly or quarterly

Users demand unlimited growth and peak performance for all of their data because they're not the ones that foot the bill. This is changing with the use of chargeback storage techniques. By employing chargeback storage tools, IT departments can assign real values to the storage assets that are actually being used by applications and departments, allowing IT to identify and potentially recover the costs of storage.

What is DSM Chargeback?

Chargeback allows charge for storage consumption on Dell Storage SC Series based on global and departmental cost settings. The Chargeback feature monitors storage consumption and calculates data storage operating costs. Chargeback can be configured to charge for storage based on the amount of allocated space or the amount of configured space. When cost is based on allocated space, Chargeback can be configured to charge based on storage usage, which is the amount of space used, or storage consumption, which is the difference in the amount of space used since the last Chargeback run.

Using Chargeback, you can:

- Select charge options for storage consumption
- Charge by allocated space or the difference in storage usage
- Define base costs for storage by disk class or by storage tier level
- Set departments for the purpose of billing storage and assign volumes
- Define a multiplier percentage to apply to the storage costs
- Add line items for additional billing costs

Chargeback: More than an accounting tool

The DSM Chargeback feature is part of a management process — a means of applying realistic values (or costs) to all the storage assets in a company, then tracking the utilization of those assets by application or department. IT departments can use Chargeback data to recover storage costs from application or departmental users, as well as (often in conjunction with capacity planning) to budget for the future.

Figure 1 - Chargeback data for week 1

Department Chargeback Data

NAME	TOTAL COST	FAST TRACK COST	REPLAY COST	TIER 1 COST	TIER 2 COST	TIER 3 COST	TOTAL SIZE	FAST TRACK SIZE	REPLAY COUNT	TIER 1 SIZE	TIER 2 SIZE	TIER 3 SIZE
Engineering	$880.00	$0.00	$480.00	$0.00	$0.00	$0.00	41.59 GB	1.35 GB	16	0 MB	0 MB	0 MB
Finance	$1,060.00	$0.00	$60.00	$0.00	$0.00	$0.00	26.82 GB	216 MB	2	0 MB	0 MB	0 MB
Marketing	$1,665.38	$0.00	$480.00	$435.38	$0.00	$0.00	386.54 GB	11.48 GB	16	8.29 GB	0 MB	0 MB
Operations	$660.00	$0.00	$60.00	$0.00	$0.00	$0.00	40.28 GB	504 MB	2	0 MB	0 MB	0 MB
Training	$560.00	$0.00	$60.00	$0.00	$0.00	$0.00	26.8 GB	224 MB	2	0 MB	0 MB	0 MB

Figure 1 - Chargeback data for week 1

Figure 2 - Chargeback data for week 2

Department Chargeback Data

NAME	TOTAL COST	FAST TRACK COST	REPLAY COST	TIER 1 COST	TIER 2 COST	TIER 3 COST	TOTAL SIZE	FAST TRACK SIZE	REPLAY COUNT	TIER 1 SIZE	TIER 2 SIZE	TIER 3 SIZE
Engineering	$880.00	$0.00	$480.00	$0.00	$0.00	$0.00	41.23 GB	1.35 GB	16	0 MB	0 MB	0 MB
Finance	$1,060.00	$0.00	$60.00	$0.00	$0.00	$0.00	26.87 GB	211 MB	2	0 MB	0 MB	0 MB
Marketing	$1,257.12	$0.00	$480.00	$27.12	$0.00	$0.00	397.05 GB	9.33 GB	16	529 MB	0 MB	0 MB
Operations	$660.00	$0.00	$60.00	$0.00	$0.00	$0.00	40.3 GB	447 MB	2	0 MB	0 MB	0 MB
Training	$560.00	$0.00	$60.00	$0.00	$0.00	$0.00	26.84 GB	219 MB	2	0 MB	0 MB	0 MB

Figure 2 - Chargeback data for week 2
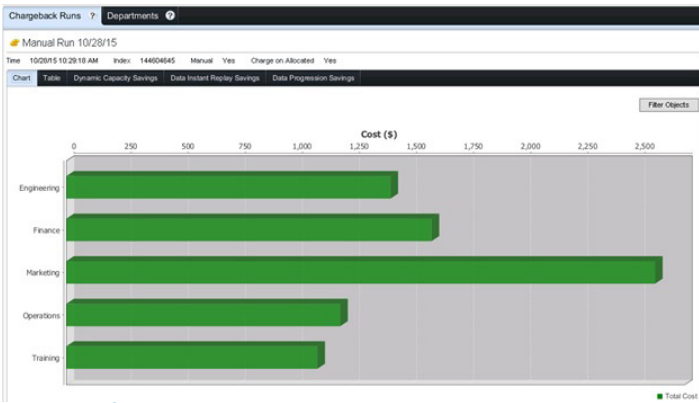
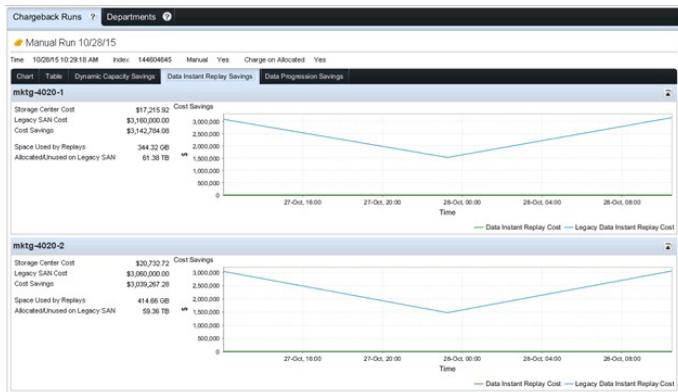Figure 3 - Chargeback report by department breakout

Figure 5 - Chargeback report

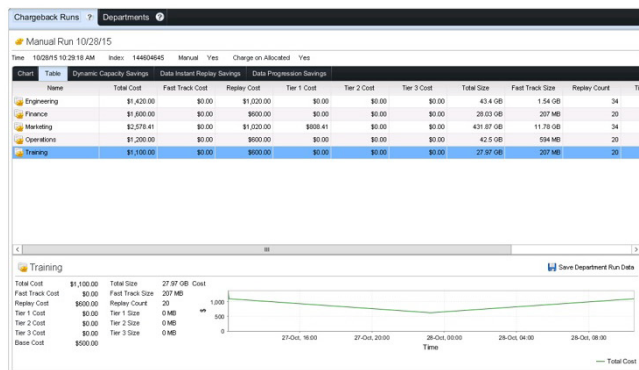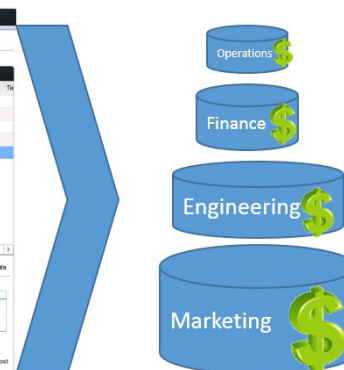Figure 4 - Chargeback report showing Costs and Savings

Figure 6 - Chargeback allocation

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