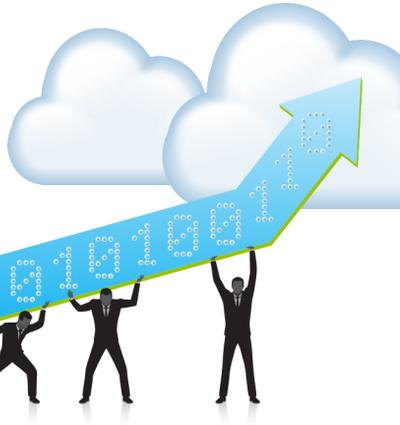


Storage by the Numbers:

Cost-effective Management for your Mainframe Data



With organizations' digital information growing from gigabytes to petabytes seemingly overnight, storage management infrastructures are forever caught in "catch up" mode. When they get close to exhausting capacity, enterprises scramble to quickly stand up hardware via the path of least resistance.

Over the last two years:¹



45%
the amount data at enterprises has grown

2.2 PB to 3.2 PB
the increase in the average enterprise storage footprint

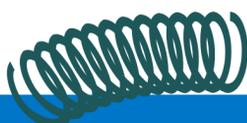
Tactical Measures Create Long-Term Issues Around:

COST

Adequate storage solutions must extend beyond reasonable provisioning costs to include affordable installation, management and support.

38%
the number of enterprises reporting that storage spend will rise in 2013²

\$2.4 million
the average enterprise storage budget²



FLEXIBILITY

A lack of time and resources prevents proactive planning for floor space and placement, calculating power availability and running cables.

Results in the need to quickly deploy new, nonintrusive storage solutions.

COMPLEXITY

Adding storage hardware on an ongoing "just-in-time basis" creates a highly disparate environment.

Leads to integration difficulties and maintenance challenges.

Overcoming Obstacles to Storage Management

Globally, System z shops run the majority of business-critical applications. In fact, in 2014 IBM reported that System z shops ran **90%** of the world's critical applications and processed **65%** of the world's information.

So how can System z shops:



Store, access, retrieve and recover z/OS data more quickly and easily?



Reduce the costs of acquiring and managing necessary storage space?



Decrease unwieldy data center footprints and power consumption?

CA Cloud Storage for System z simplifies the process of moving mainframe data storage into the cloud.

While traditional System z storage approaches can be expensive, CA Cloud Storage for System z provides you with a better option:

Used with Amazon Web Services (AWS) cloud storage and the Riverbed® Technology Whitewater™ cloud storage gateway, it offers **AN INNOVATIVE AND SECURE SOLUTION** designed for efficient, cost-effective access to critical mainframe data.



For customers who require **A TIERED STORAGE MODEL**, CA Cloud Storage for System z also provides traditional tape and on-premise network file storage capabilities.

Combined with AWS cloud storage and the Riverbed Whitewater cloud storage gateway, the comprehensive CA Cloud Storage for System z solution helps you:



Access cloud storage capacity when you need it



Reduce your dependency on expensive, proprietary hardware solutions



Shrink budget spend surrounding acquiring and managing physical storage



Avoid investing in unutilized capacity



Reduce the time and effort required to manage and optimize your growing data storage environment



More quickly deploy and manage new and efficient data storage solutions

For more information, download the whitepaper, **Strengthening the Strategic Role of Storage in the DDC**, from CA Technologies.

1 "What The Evolution Of Cloud Storage Means For I&O," Henry Baltazar, James Staten with Christopher Voce, Michelle Mai, Forrester, February 14, 2014.

2 "2013 shaping up to be a 'decent' year for IT data storage spending," Rich Castagna, SearchStorage, May, 2013.

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