

Data management in a mobile driven cloud world

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Do you know where your data resides?

Today's business environment means having data at your fingertips. Companies offering services require instant access to internal, customer and market data.

Just as the latest business practices require always on data so delivery of that data requires new data architectures.

These architectures mean data residing outside the traditional corporate perimeter and far beyond the physical data centre wall and the network firewall.

Having data reside in the cloud – in all its guises such as private, hybrid and public and with all the implications for location, security, compliance and governance – is a basic requirement for today's business.

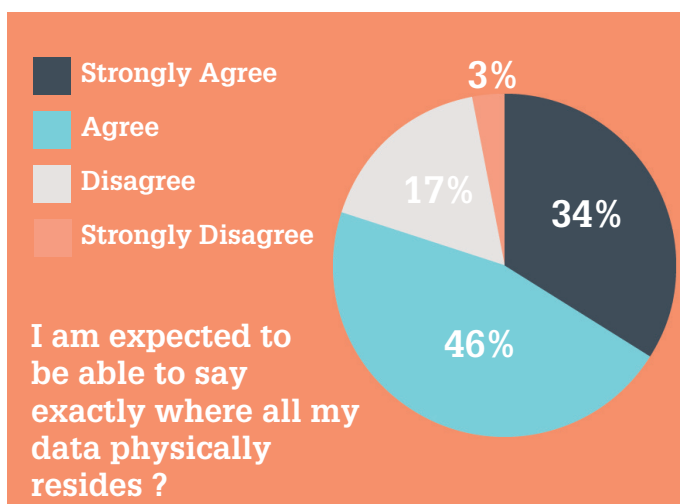
User experience expectation is that data will be available wherever and whenever required.

This requires a totally different approach to data management.

CBR undertook a survey of senior IT decision makers to explore the data challenges they would face in 2015.

Physical Location

We asked if in 2015 they would be expected to know where their data physically resides: The vast majority respondents (80%) either agreed or strongly agreed with the statement:



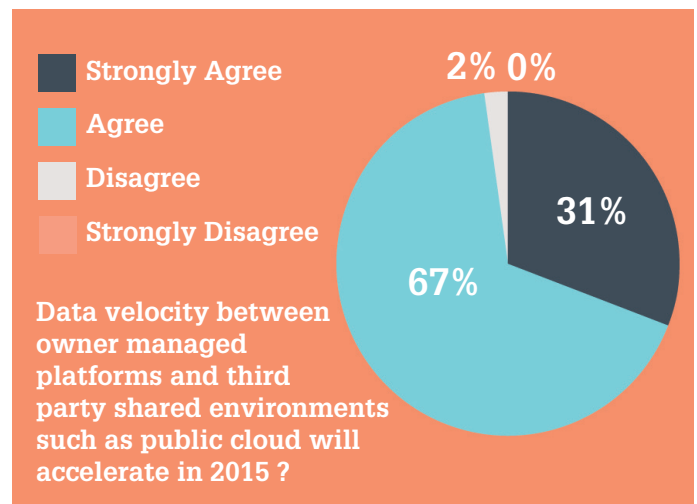
Data Velocity

The issue of increased data movements between platforms will be become increasingly important in 2015.

We asked whether users expected to see greater data transfer speeds between owner managed environments, be they traditional data centres or on premise clouds and platforms such as public clouds.

"Data velocity between owner managed platforms and third party shared environments such as public cloud will accelerate in 2015?"

Over 90% of users strongly agreed or agreed. Over two thirds agreed. Just 2% disagreed.



Data Governance

The issue of data governance is expected to take on even greater significance in 2015.

The users we asked about the strength of their enforcement policies across different platforms. A huge 36% disagreed with the following statement:

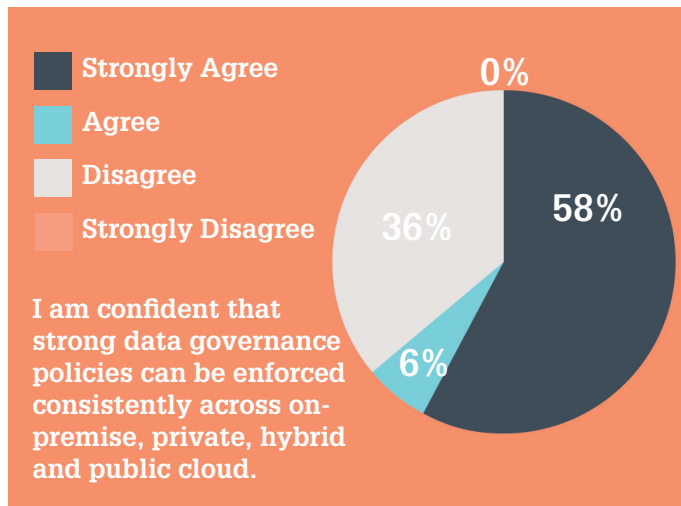
"I am confident that strong data governance policies can be enforced consistently across on-premise, private, hybrid and public cloud."

This means that data governance and control across diversified multiple platforms remains a significant challenge for many organizations.

What is the HDS approach to Data Mobility?

To satisfy such demands, HDS suggest it is likely that CIOs will have to adopt and support multi-level cloud services: on-site, in order to adhere to data governance and privacy requirements in regards to public and private information; and off-site, in relation to the cloud applications employees use in the field, while also maintaining control, security and service level agreements.

“Such a multi-level approach to cloud and mobile access to information promotes the kind of policy-based management that means IT and business working together to plan at the aggregate level, rather than site by site or business unit by business unit,” says Jonathan Preston – Business Manager Content, Cloud & Mobility at HDS. “This approach results in reduced risk and an opportunity to drive business value from mobile access to cloud-based information.”



Data Sovereignty

Rules on data sovereignty are making companies sit up and think. Security breaches, data privacy and data protection are being discussed at the highest levels of national and EU governments.

We asked: 2015 will see data location become a major business issue driven by sovereignty and compliance
Almost nine out of ten organizations believe that compliance and sovereignty will become even more important.

There was just an eight percent difference between those strongly agreeing (39%) and agreeing (47%).
In 2015 data management will be dictated by more outside factors, more legislation and greater requirements for access for retrieval than ever before.

And this will happen in the context of business demands for every greater access to corporate data. Those building the infrastructure and delivering the diverse, multiple environments to match business expectations face their greatest challenges to date.

