How do Organizations Plan to Assure Application Delivery in a Multi-Cloud World?

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Executive Summary

Multi-cloud is the standard cloud approach for cloud adopting organizations.

Organizations are actively pursuing solutions that address application delivery in a multi-cloud world. A solution that assures applications, regardless of where they reside, are simply and reliably delivered to users – when, where, and how they need them.

WITH THE ADVENT OF MULTI-CLOUD, APPLICATION DELIVERY HAS BEEN DISRUPTED

- Disjointed
- Subpar performance
- Lack of predictability
- Complex, piecemeal
- Lack of preparedness
- Elevated security risk
Setting the Stage

Citrix and IDC partnered to understand current challenges and needs with respect to application delivery in hybrid / multi-cloud environments.

IDC surveyed 900 global organizations—cloud adopters with multi-cloud environments. This IDC Infobrief summarizes the results of this study.
Multi-cloud Environments Are Pervasive and Growing

72.3% OF CLOUD USERS HAVE A MIX OF ON-PREM/OFF-PREM CLOUDS

Enterprises are embracing multi-cloud to accommodate existing and new applications, to gain organizational agility, to ensure applications reside in optimized environments, and to protect against cloud lock-in.

Source: IDC CloudView Research 2017 n=6084
Network Hinders Migration to the Cloud

The network must be transformed to meet the imperatives of digital transformation

82% believe their org’s ability to migrate apps to the cloud is hindered by the increased complexity of their network infrastructure. All regions share this belief.

North America 80%
Western Europe 85%
Asia/Pacific, Japan 82%
Latin America 79%

Source: IDC Multi-Cloud Application Delivery Survey June 2016; n=900
The Network is NOT Satisfying App Delivery Needs Today

Only 24% of orgs believe their network satisfies their hybrid cloud app delivery

36% OF ORGS BELIEVE THEIR NETWORK DOES NOT SATISFY CURRENT NEEDS, WHILE 40% SAY THEIR NETWORK SATISFIES ONLY SOME NEEDS.

Source: IDC Multi-Cloud Application Delivery Survey June 2016; n=900
Organizations Have a Strong Appetite for Reassessing Their Network Infrastructure

79% of worldwide organizations plan to address application disruption via a unified application-delivery strategy.

- North America: 88%
- Western Europe: 72%
- Latin America: 74%
- Asia/Pacific, Japan: 69%

Source: IDC Multi-Cloud Application Delivery Survey June 2016; n=900
What is a Unified Application-Delivery Strategy?

A strategy that extends from on-premises datacenter(s) out to the public cloud and across the WAN to your branch offices and remote sites.
The Benefits of a Unified Application Delivery Strategy

Orgs perceive the top benefits of a holistic strategy to include:

» Increased IT efficiency
» Reducing risk to the organization from any potential security breaches
» Freeing IT Staff to focus on more strategic initiatives

Moreover, a unified application delivery strategy would address the top inhibitors to migrating apps to the cloud:

» Security & Compliance
» Cost

Source: IDC Multi-Cloud Application Delivery Survey June 2016; n=900
Base Level Requirements for delivering applications in the cloud

Respondents identified increased security, improved reliability, and enhanced visibility as fundamental requirements for cloud application delivery.

- Increased security: 60%
- Improved reliability: 58%
- Enhanced visibility: 44%
- Simplified management: 42%
- Consistent policy and control: 41%
Plan Your Application Delivery

Are you ready for a solution that assures applications, regardless of where they reside, are simply and reliably delivered to users – when, where, and how they need them?

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Appendix: Benefits of Holistic App Delivery Strategy

What are the most important benefits your organization would expect to realize from a holistic application-delivery strategy that extends from your on-premises datacenter(s) out to the public cloud and across the WAN to your branch offices and remote sites? Please rank the top 3 in order of importance, with #1 being the most important.

1. Increasing IT efficiency by automating provisioning and other application-delivery processes (40%)
2. Reducing risk to the organization from any potential security breaches by ensuring implementation and enforcement of consistent security policies across all applications and users (38%)
3. Freeing IT staff to focus on strategic initiatives and projects by reducing the complexity of managing application delivery across hybrid IT (on premise and cloud) (37%)
4. Lowering the IT costs of delivering cloud-based and on-premises applications to users at branch offices and remote sites (35%)
5. Enhancing customer engagement through better application and service delivery (31%)
6. Improving time-to-market and time-to-revenue for new applications and services (31%)
7. Maintaining SLAs associated with key applications by having control and visibility across all applications, on premise and in the cloud (30%)
8. Improving overall user experience associated with applications (30%)
9. Reducing the operational costs associated with the need for IT at branch offices and remote sites (28%)