

Why You Need Cloud Visibility

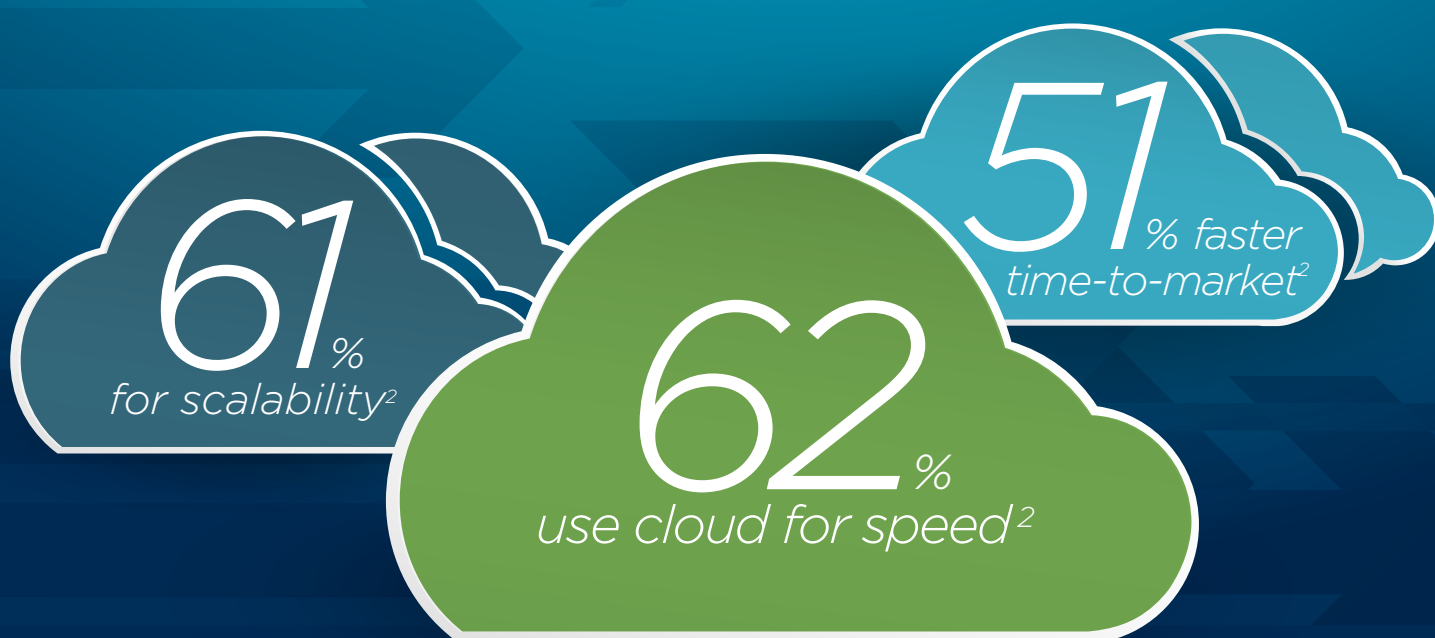
Cloud Will Dominate by 2020
and is the Engine of the Digital Economy

50%+
of all IT spending
by 2020¹



6X Faster
growth than overall IT
from 2015-2020²

PRIORITIES: Speed, Scale and Agility



Success requires fast, high-quality service delivery.

Public Cloud
Is Increasingly
Effective



of applications will
be public cloud
based by 2020⁴

WARNING! Low Visibility Conditions

Clouds can obscure security threats and performance issues.

ZERO
access to physical
infrastructure
in public cloud

ONLY 23%
of users completely
trust public cloud
security.⁵

More than 50%
of users have tracked
malware to a SaaS
application.⁵

7 Considerations for Achieving Cloud Visibility

Visibility helps prevent security breaches & optimize user experience.

1

Multi Cloud Access

79% use at least 1 cloud and 30% use 4-9⁶
Be flexible and cloud-agnostic.

2

Hybrid Integration

83% integrate private cloud with public cloud⁶
Get visibility across clouds.

3

Data Delivery On-Prem & in the Cloud

32% of services will be cloud-native by 2020⁷
Support tools wherever they are.

4

Cloud-Native & Container-Based

52% of enterprises use containers in production applications⁸
Containers make it easier and faster to scale.

5

Single Management Interface

Up to 30% of IT staff time can be spent making interfaces work.⁹
Physical, virtual, and cloud on one screen.

6

Intelligent Data Access

53% of all users and 64% of mature users are focused on reducing cloud costs³
Increase performance, efficiency, and life of tools.

7

Visibility-as-a-Service

30% of all IT spending will be via flexible consumption models by 2018¹⁰
Pay-as-you-go to control IT spending.

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A Keysight Business

Ixia cloud visibility solutions offer all this and more.
Learn more at <http://ixiacom.com/solutions/cloud>.

¹ IDC FutureScape: Worldwide Cloud 2017 Predictions, Doc #US41863916, Nov 2016

² IDC: The Salesforce Economy, September 2016

³ RightScale: State of the Cloud Report, 2017

⁴ Forrester: Public Cloud Services Market Will Grow Rapidly, September 2016

⁵ McAfee: Building Trust in a Cloudy Sky, January 2017

⁶ 451 Research: Hosting and Cloud Study 2016

⁷ CapGemini: Cloud Native Applications survey, May 2017

⁸ 451 Research: Hybrid cloud drives container use, May 2017

⁹ McKinsey: IT architecture: Cutting costs and complexity, 2009

¹⁰ Deloitte: Technology, Media & Telecommunications Predictions, 2017