



A Keysight Business

CREATING A SUCCESSFUL CLOUD STRATEGY THROUGH VISIBILITY

THE CHALLENGE

About **85% of organizations** have adopted a hybrid cloud strategy, and while the benefits of cloud deployments are many, accessing and monitoring virtual traffic is a challenge.

SOURCE: <http://www.networkworld.com/article/3068514/cloud-computing/ixia-s-cloudlens-brings-visibility-to-hybrid-cloud-environments.html>

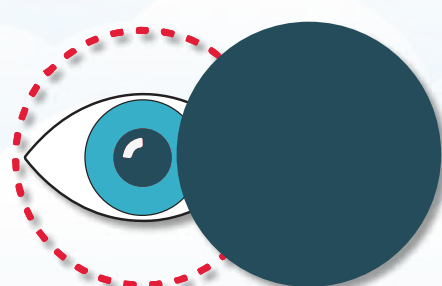


AS ORGANIZATIONS CONTINUE TO MIGRATE INTO A CLOUD-BASED ENVIRONMENT, THEY MUST PREPARE FOR THE SECURITY AND CONTROLS RISKS ASSOCIATED WITH THE CLOUD.

Only **37%*** of businesses monitor their virtualized environments to the same standards as their physical ones.



67% of respondents deploy business-critical applications on the public cloud.



Day-to-day operations are depending on an environment with a huge visibility gap.

*SOURCE: <https://www.ixiacom.com/sites/default/files/resources/whitepaper/915-3528-01-virtualization-report-2015-b.pdf>

CLOUD SECURITY CONCERN: VISIBILITY

Without granular access to virtual traffic, blind spots in the cloud could compromise performance and security.

The deployment of virtual taps enables organizations to copy virtual traffic and send it to a virtual or physical packet broker. The packet broker can help organizations send the right data to the right monitoring and security tools.

This simple step can reduce the burden on cloud security tools by 20-30%, delivering a 100% return on investment.

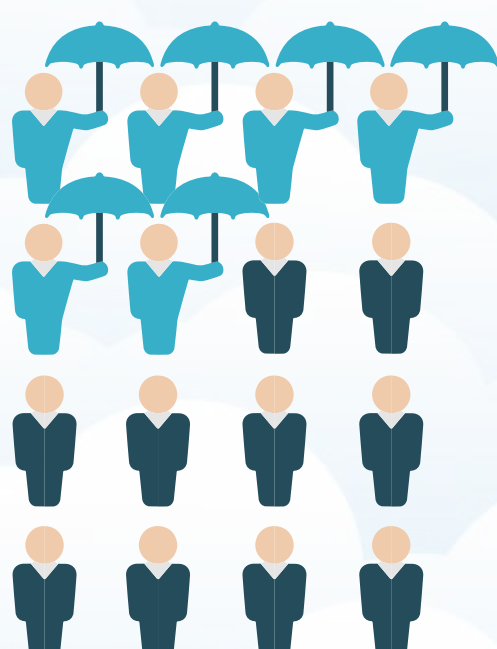
*SOURCE: https://www.ixiacom.com/sites/default/files/resources/case-study/ut-success_stories.pdf

CLOUD SECURITY CONCERN: TESTING

65% of developers admit to deploying products with bugs and 31% said these products harbored significant vulnerabilities that required patching later in the cycle.*

Testing needs to be part of the development phase from day one, and every new implementation on the network should be tested as well.

*SOURCE: <https://www.ixiacom.com/company/newsroom/press-releases/ixia-transforms-development-lifecycle-software-developers>



BY 2018

60% of enterprises that implement appropriate cloud visibility and control tools **will experience 1/3 fewer security failures.**



THE SOLUTION: CLOUDLENS

Take the next steps to complete visibility

For more information on using Ixia CloudLens for unprecedented visibility across all of your cloud environments, visit:

www.ixiacom.com/solutions/ixia-cloud-solution