



CASE STUDY

De-Risk your Migration to Data Center or Cloud Hosting

Migrating applications to data center or cloud hosted services offers many benefits and cost savings opportunities. However, it is a challenge for data networks as shifting from in-house to outsourced geographically dispersed resources can impact reliability and users' applications experience.

Using the Ixia Hawkeye solution, you can ensure the new hosting location's reachability and quality of access from all your remote sites and validate that the network transport will offer same or better quality for your end users.

Business Case

Migrating business-critical applications and services to the cloud can create service degradations. The transport pipes to the data centers that host the applications are many times outside of the control of the network team. Some applications are very sensitive to packet delay, jitter, or loss and migration adds another unknown layer between IT and the application users. Prior to migration, it is important to have monitoring tools that provide visibility into potential necessary upgrades and the ability of local carriers to meet their SLAs.



Key Benefits

- Be prepared for your critical migration
- Identify network upgrade costs early
- Understand quickly if it is the network or the application server
- Challenge service providers with objective data

Recommended Solution

- Deploy turnkey Hawkeye endpoints in target data centers (using virtual endpoints) and office locations (using software or hardware endpoints)
- Deploy the Hawkeye management console in your corporate network or in the cloud
- Model the traffic your application will generate on the network, including network pattern and volume of transactions or streams
- Run tests with oversubscription scenarios at different times of the day/week, including busy hours
- Identify key bottlenecks or slow response times due to the network and address/fix before migration

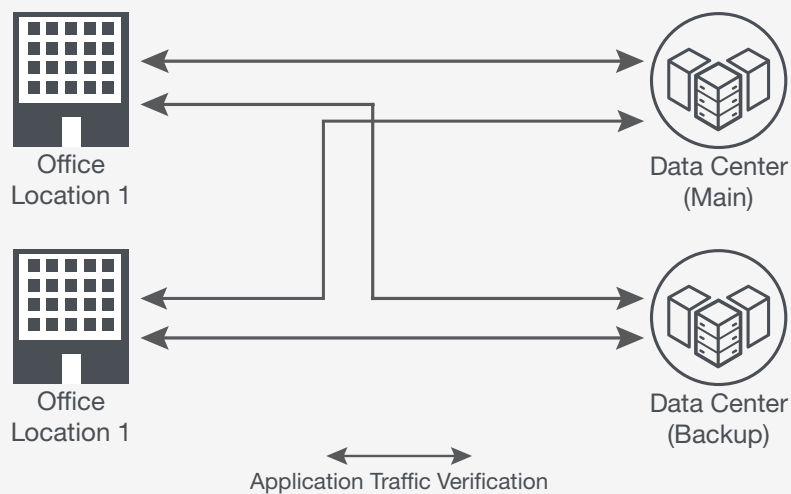


Figure 1. Data centers or cloud services need to be validated from different office locations to ensure the network is delivering sufficient quality.

Business Outcomes

Proving your network infrastructure access is able to sustain the migration before you actually pull the trigger allows you to be confident of a successful roll out – without end user disruption

- Qualify remote access to hosting data centers, ensuring they are ready from any site in your organization
- Identify insufficiently provisioned remote sites and fix/verify before roll out
- Avoid post-migration firefighting that requires costly last-minute upgrades

“We made a decision to migrate our entire CRM system to a hosted environment. Using Hawkeye, we could verify and validate (and fix) that all offices had sufficient quality access to the target data centers, therefore focusing on the application side with confidence in the network delivery.”

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

