

CLOUD MIGRATION STRATEGIES



The rapid pace of business today is driving IT decision makers to look to digital transformation (DX) as a more flexible and cost-effective means of operating and growing the business. Part of that transformation involves moving to the cloud, and hybrid cloud initiatives. While cloud can offer many benefits, moving to the cloud can also present challenges -- such as knowing what to move to the cloud, and how to do it securely, and cost-effectively without negatively impacting service and application performance.

CLOUD MIGRATION CHALLENGES

Once organizations begin to research cloud migration initiatives, they quickly realize the need for instrumentation for pervasive monitoring, end-to-end visibility, and comprehensive service assurance.



Pervasive monitoring



End-to-end visibility



Comprehensive service assurance



81%

of respondents agree that hybrid cloud is important, but adds complexity

ANALYZE THE SITUATION:

To be successful in their migration, IT organizations must ask three key questions:



What are the availability, reliability and responsiveness of my services?



What is my application and infrastructure performance?



What are my service dependencies to determine the root-cause of performance issues?



77%

of respondents believe better instrumentation could help accelerate cloud service delivery and lower costs

ACT: CREATE A MIGRATION AND ASSURANCE PLAN

IT must decide on a migration plan and determine the instrumentation strategy for workloads.



Lift & Shift

Fast, but cloud cost can be higher and performance degraded



Refactor

More time-consuming upfront, with optimized cost and performance after cloud migration



Two Stage

Start with Lift & Shift and then refactor in the cloud

AUGMENT:

Use pervasive visibility to optimize cost and performance.

More monitoring is required for:



Network performance
56%



Application performance
55%



Infrastructure performance
52%



THE BIGGER TRUTH

NETSCOUT nGenius Service Assurance Platform

The nGenius Service Assurance platform provides visibility across the entire service stack including all of the interdependencies for the application and service delivery infrastructure. The solution assures service availability, reliability, and responsiveness by using smart data and advanced analytics to deliver actionable intelligence. Enterprises can:

- ✓ Cost-effectively monitor and assure cloud projects before, during and after migration
- ✓ Establish baseline of service reliability and responsiveness for new and existing services
- ✓ Assure service delivery end-to-end across the enterprise, on premises or in the cloud
- ✓ Enable rapid service triage to reduce mean time to repair (MTTR) of service issues
- ✓ Ensure collaboration between IT teams with common situational awareness

Hybrid Cloud Assurance Solutions For Your Digital Transformation

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