



Day 2: Operating at Scale in Cloud-Native Environments

How organizations manage reliability, security, and efficiency after deployment

Multi-Cloud Reality and the Race to Operate Faster



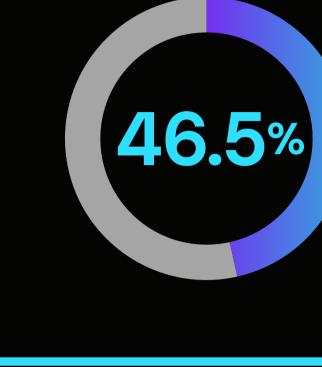
Multi-cloud is now the norm:

the majority of 3+ cloud organizations use 3+ providers use 3

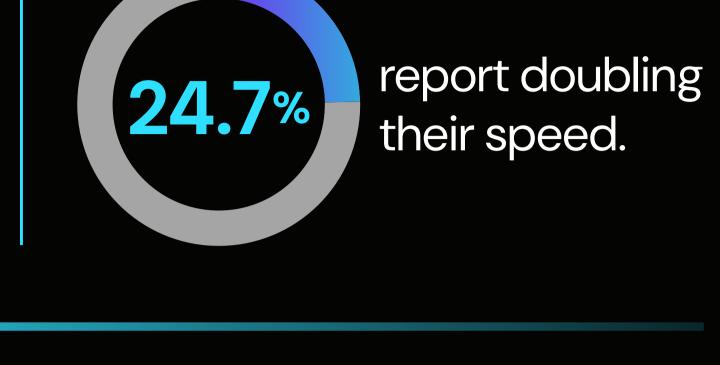
25.8% 19.6% use 4 use 5 use +6

Only 57% rely on a single provider, showing vendor lock-in is increasingly rare.

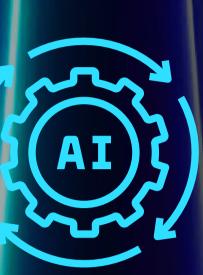
Deployment speed has accelerated dramatically:



say they deploy 50-100% faster than 3 years ago



To keep up, organizations are investing in: 59.4%



automation and AlOps



talent expansion

41.7%

39.8% cloud-native architectures

on automation and AlOps to keep operations resilient in an era of accelerated deployments.

From Technical Metrics to Business-Centric Outcomes

Measuring success is shifting:

37.4% 33.1% Use customer satisfaction (CSAT)

25.8% Look at business impact

Rely on "green" system health checks

Incident response is fast: most organizations resolve issues in under 24 hours

as the top metric



83.3% say they "always" or "usually" perform it 14.8%

46%

in 1–4 hours

are satisfied with

FOUNDATIONAL MONITORING DOMINATES

Application Performance Monitoring

investigation times

Yet, efficiency concerns remain:

14.5%

13.7%

admit it only happens

when time allows

see room for improvement via

better observability tooling.

to match velocity with reliability. Observability Overload Meets Cultural Barriers

Implication: Downtime remains a key pain point for nearly a quarter of teams,

pointing to the need for zero-downtime techniques (blue-green, canary, feature flags)

Cloud Monitoring



AIOPS ADOPTION IS MAINSTREAM:

plan to within 12 months

Implication: Tool sprawl and cultural misalignment—more than technology gaps—are

slowing maturity. The winners will be those who unify observability under a shared

strategy across dev, ops, and security.

AlOps Moves from Emerging to Essential

MOST ARE SEEING RESULTS:

21.5%

say AlOps has simplified see little impact still rely on manual operations and accelerated diagnosis execution **IMPORTANCE IS RISING:**

calling it a key View AlOps as a "must-have" 26.9% calling it a key capability for observability

1.6%

have no plans

ADOPTION HURDLES PERSIST:

th < CUBE

already use it



value delivery is mixed, and many still face barriers to effective implementation. Simplified onboarding, education, and managed services will be key to unlocking its full potential.

Download the full eBook on our website

Implication: AlOps has crossed the threshold from optional to essential. While adoption is strong,



Read the full Day 2 Research Report: Operating Cloud-Native Applications at Scale

Google Cloud