

GenAI is Driving Nearly Every Aspect of App and Infrastructure Modernization

The seventh annual Nutanix Enterprise Cloud Index (ECI) report published in 2025 reveals how GenAI is reshaping the way business gets done.



Application containerization is the new infrastructure standard.

Nearly **90%** report that some apps are now containerized. This is expected to grow with the rapid adoption of new GenAI workloads.

GenAI adoption and implementation continues at a rapid pace.

Over **80%** have already implemented a GenAI strategy with only **2%** admitting that they have not started planning any GenAI strategy.



GenAI will challenge traditional norms of security and data privacy.

An overwhelming **95%** agree that GenAI is changing their organization's priorities and that security and privacy are major concerns.

How is GenAI being used today?

53% use GenAI to improve customer support and the customer experience.

47% leverage GenAI for automated content generation.

46% tap into GenAI for cybersecurity, fraud detection and loss prevention.

Scaling GenAI workloads from development to production is a challenge.

A stunning **98%** find it tough to scale GenAI workloads from development to production, especially integration with current IT infrastructure.



GenAI solution adoption requires changes to technology and people.

80% believe more investments in IT training are needed to support GenAI

48% believe they must hire new talent to support GenAI

[Download](#) the 2025 ECI report for deeper insights into what's driving these trends and how to overcome the challenges.