

Is platform engineering a worthwhile investment?

Lessons learned

We asked 1,000 IT decision makers and platform engineers their thoughts, and here's what they had to say.

[Read the full report](#)


What is the purpose of platform engineering?

To eliminate time-consuming administrative tasks that hinder productivity and slow down the development of software solutions.

What do platform engineers do?

Create efficient workflows by providing clear tools and automating processes including essential security checks, to remove friction and ensure compliance so development teams can focus on innovative work.

Top 5 motivations for adopting a platform engineering approach

1

Security vulnerabilities.

2

Collaboration challenges.

3

Toolchain complexities or gaps.

4

Compliance and regulatory requirements.

5

Operational bottlenecks.

In which areas did organizations invest?

59%

Security and compliance

55%

Developer productivity tools

55%

Performance optimization

54%

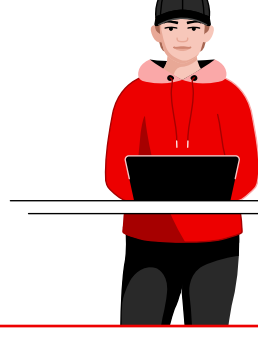
Cloud migration

53%

Automation and orchestration

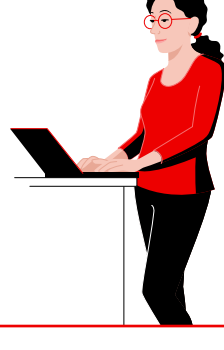
What was the maturity level of those using platform engineering?

The survey reveals where organizations were on their platform engineering journey:



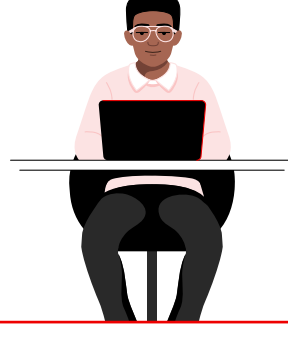
14%

were just starting.



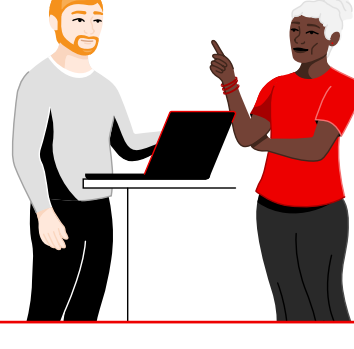
27%

were developing their approach.



41%

have a well established practice.



18%

were optimizing advanced practices.

Where organizations focused their efforts:

70%

Advanced automation

53%

Infrastructure setup

53%

Monitoring and logging

How did organizations rate their platform engineering adoption?

94%

of organizations overall rate their adoption of platform engineering a success. **This climbs to a 99% success rating** among those with advanced practices.

How important is gen AI?

Most organizations view generative artificial intelligence (gen AI) as important and nearly half consider it central to their strategy.

83%

use gen AI in their software development stack.

Explore where organizations are investing, the challenges they face, and the advantages of adopting a platform engineering approach.

[Read the full report](#)

About the survey

Through Illuminus Research Red Hat interviewed 1,000 IT decision makers and platform engineers to get insights into the platform engineering adoption journey.

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