The Mainframe and Cloud: Embracing a Hybrid Approach

Managing changes to IT environments inevitably come with some challenges as teams work to restructure processes and adopt new best practices.

Survey respondents are increasingly embracing a hybrid approach to their IT infrastructure, managing the diversity of technologies available from cloud to mainframe and approaching work to express together and create the most effective, unified environment.

Overcoming mainframe challenges and rethinking workloads involves a hybrid approach.

What is your greatest challenge with ongoing mainframe performance management?

- 25% Increasing workloads on the mainframe due to distributed and cloud systems
- 17% Remote work
- 16% Remaining competitive
- 13% Skills gap
- 9% Manual processes and lack of automation
- 8% Getting visibility into how we're using the mainframe today from a resource perspective

What is your greatest need for tools to help modernize your mainframe IT infrastructure?

- 26% Cloud application access to mainframe data and workloads
- 18% Performance management
- 17% Application development and access to APIs
- 17% Cloud application access to legacy applications
- 14% Case tools platform selection, design, management
- 12% Cross-platform value stream management
- 10% We are not adopting new tools to modernize IT infrastructure

What percentage of your workloads and applications do you plan to migrate from your mainframe to the cloud?

- 29% All
- 28% Almost all
- 17% Most
- 16% Above half
- 15% Some
- 13% Few
- 8% None

To what extent do you agree with the sentence: "Our CIO or leadership team believes we need to embrace a hybrid infrastructure model that spans from mainframe to cloud."

- 29% Strongly agree
- 18% Almost strongly agree
- 17% Slightly agree
- 16% Slightly disagree
- 15% Almost disagree
- 13% Strongly disagree
- 8% None

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