

IBM Mainframe

Modernization of hybrid cloud architecture
with IBM, Red Hat and AWS

Introduction

While enterprises across industry verticals have adopted the cloud for better agility and speed, mainframe computing has continued to flourish as a backbone of business process automation. To undertake modernization projects involving mainframes, recommended best practices call for a three-part approach.

First, modernize legacy applications already running on a mainframe. Then, connect mainframe applications and data to AWS cloud resources using application programming interfaces (APIs). Finally, move those applications that can benefit from migration or integration to the AWS cloud, completing a comprehensive hybrid cloud strategy. All this can be done using a single integration fabric provided by Red Hat OpenShift supported on each platform.

Why choose IBM, Red Hat OpenShift and AWS?

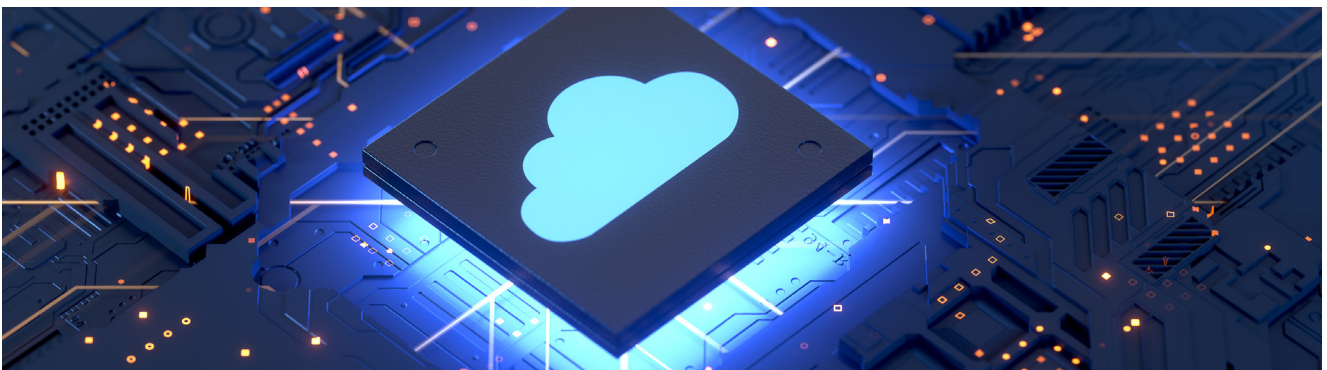
The key features of the IBM Red Hat platform include:

- Common tools and operation models which optimize developer productivity
- Consistent DevOps and cloud-native development techniques to IBM Z
- A cloud-native approach to developing and modernizing z/OS
- Integration of z/OS with the AWS Cloud by making z/OS data and functions available to AWS services
- Consistent enterprise approach with Red Hat Ansible enabling automation across hybrid applications and environments spanning AWS and z systems

Benefits

IBM Z, at the core of a hybrid cloud environment, can lower the total cost of ownership by modernizing mainframe applications to boost agility, amplify investment value and innovate faster. It can also help to:

- Fill the talent gap by utilizing standard tools and operating models
- Enhance infrastructure cost-efficiency
- Ensure cost-effectiveness with a hybrid cloud platform that extends to the mainframe
- Increase access to core business applications and data for broader enterprise use for AI, analytics and new customer experience applications
- Maintain flexibility using Red Hat OpenShift as a common open hybrid cloud platform



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