5 considerations for lifting and shifting applications

Red Hat JBoss Enterprise Application Platform on Azure App Service

Red Hat® JBoss® Enterprise Application Platform (EAP) on Azure App Service is a Jakarta EE-certified platform that delivers applications faster, across environments. A joint offering from Red Hat and Microsoft, it provides an integrated support model, including colocated resources. Consider the following five benefits for lifting and shifting your apps to Red Hat JBoss EAP Azure App Service.

1 Move off of expensive, proprietary solutions

When you are locked into a proprietary Jakarta EE solution, you lack interoperability with a larger ecosystem of products, and your organization likely faces higher operating and maintenance costs.

By lifting and shifting your applications to JBoss EAP on Azure App Service, your organization can experience the benefits of open source while avoiding extensive modifications to your runtime environment.

▸ Take advantage of the portability provided by open source. When you transition to an open environment, it is much easier to move data and resources within Microsoft Azure.

▸ Integrate with a vast ecosystem of Jakarta EE frameworks, libraries, and databases.

▸ Develop applications on a small, lightweight platform, built on open source.

2 Eliminate the need for on-premise datacenters

Lifting and shifting existing EAP workloads to the cloud with JBoss EAP on Azure App Service removes the need for costly on-premise datacenters—and their related expenses.

▸ Eliminate hardware acquisitions and recurring capital expenses associated with upgrading hardware to host Jakarta EE workloads.

▸ Stop paying for datacenter upkeep, including real estate or rack space rental, power distribution, cooling requirements, and fire suppression systems.

▸ Reduce IT infrastructure administration costs for operating systems, storage, networking, and more.

3 Shift CapEx to OpEx

Redirect your spending from repeated capital expenditures (CapEx), such as upgrading hardware, to operational expenses (OpEx), such as having a third party manage workloads. With JBoss EAP on Azure App Service, you can benefit from the hosted service provided by Microsoft and Red Hat. The integrated support for infrastructure and the application server includes service management and technical support.

▸ Rely on Microsoft and Red Hat to manage maintenance tasks, such as implementing security patches or feature fixes.

▸ Free IT resources from repetitive maintenance and cost center responsibilities and redeploy them to more innovative tasks.

▸ Forecast your costs with a pay-as-you-go metered subscription. Options range from annual to hourly, which means you only pay for what you need.

4 Integrate with Azure

Integrate complementary Microsoft Azure services and capabilities with JBoss EAP on Azure App Service with ease and confidence, knowing that it all works well together.

▸ Use built-in hot-swapping capabilities to deploy new code without any downtime.

▸ Easily configure A/B testing before making new changes global.

▸ Improve time to market with DevOps-friendly features, including continuous integration/continuous delivery (CI/CD) integration, zero-downtime deployments, and deployment slots.

▸ Access advanced app development frameworks and inno-vate with Azure's cognitive and event-driven services. Build and scale application programming interfaces (APIs) and web apps on a cloud-based, enterprise-grade platform.

5 Increase reliability and availability of workloads

By lifting and shifting your applications to JBoss EAP on Azure App Service, you extend the ability to dynamically add or remove capacity as needed with autoscaling. Plus, you can benefit from uptime guarantees, included in the Microsoft Azure service-level agreement (SLA).

▸ Meet rigorous security and regulatory compliance, includ-ing service and organization control (SOC) and payment card industry (PCI), for deployments across public cloud, Azure Government, and on- premise environments. Simplify operations with built-in monitoring and logging.

▸ Adhere to data sovereignty requirements through a speci-fied geographic distribution of data and applications.

▸ Protect critical data during unplanned events using EAP's transaction manager and failure recovery capabilities.

Learn more

Explore Red Hat and Microsoft solutions and see how they can help your organization. Learn more about Azure App Service on Linux®.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.

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