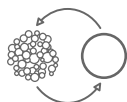


RED HAT JBOSS FUSE ARCHITECTURE ASSESSMENT

DATASHEET



BENEFITS

- Get real results from a proven framework
- Have confidence in your solution, project planning, resource allocation, and time frames
- Increase architectural understanding of Red Hat JBoss Fuse and Red Hat JBoss A-MQ by working hands-on with the experts
- Save wasted development cycles by rapidly evaluating architectural alternatives and eliminating needless investigation
- Align your team's efforts to facilitate swift, efficient, and effective project delivery of your integration architecture based on proven best practices

REFINE YOUR ARCHITECTURE, GROW WITH CONFIDENCE

The Red Hat® JBoss® Fuse Architecture Assessment helps architects and integration designers who are working with Red Hat JBoss Fuse open source integration and messaging platforms validate and refine their architecture. This intensive assessment results in a revised architecture plan and an iterative strategy for the migration to the proposed deployment. This is all documented during the engagement.

A Red Hat JBoss Fuse Architecture Assessment is ideal for organizations who want to validate a proposed architecture, or have deployed their open source integration technology and wish to extend or migrate to a more robust or scalable deployment. Red Hat Consulting is experienced in building large, mission-critical applications and is the company that makes it practical to integrate every facet of the business.

HIGHLIGHTS

- **Introduction to Red Hat JBoss Fuse products** – Use Red Hat JBoss Fuse and Red Hat® JBoss® A-MQ, which are tested, made ready for enterprise use, and fully supported as open source integration and messaging platforms.
- **Up to 5 days of consulting for architecture analysis** – Consulting is delivered in a mix of on- and off-site activity. We recommend a minimum of 2 days on site with your organization's team. Activities include review of existing architecture, analysis of architectural drivers, definition of proposed target architecture, and associated documentation.
- **Red Hat JBoss Fuse strategic architecture review** – Analysis results are used to define target and intermediate architectures, architectural prototypes, and a strategic plan for the implementation of your integration architecture based on proven best practices.



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ASSESSMENT CRITERIA

The Red Hat JBoss Fuse Architecture Assessment helps architects and integration designers who are working with Red Hat JBoss Fuse or Red Hat JBoss A-MQ validate and refine their integration and messaging architecture. During this intensive, 5-day assessment, our experts will analyze your infrastructure against the criteria given below.

1. **Adequacy** – expert opinion about the ability of the proposed system design and implementation to meet the customer’s requirements and architectural drivers
2. **Scalability** – ensure the system can scale to meet the anticipated load and concurrency, and allows for additional capacity without software changes
3. **Reliability and availability** – review to assess whether the system will continue to operate through an outage, and can return to 100% capacity with minimal effort
4. **Fault handling and robustness** – determine that errors and faults are handled and can be identified and corrected, and that recoverable faults can be isolated
5. **Extensibility** – ensure that new capabilities can be added to the system without significant modifications and with minimal disruption to deployed systems
6. **Maintainability** – verify the solution is well organized and has sufficient unit tests to allow the implementation to be maintained and evolved with confidence
7. **Security** – validate that appropriate and effective security controls exist so that applications can run safely
8. **Manageability and monitoring** – review alerts and management infrastructure so that fault conditions are detected and may be corrected before they occur
9. **Use of standards and frameworks** – verify the use of open standards and existing open source frameworks or commercial products to maximize cost effectiveness
10. **Quality and best practices** – instill best practices for development, packaging, and deployment in accordance with best practices for the Red Hat JBoss Fuse products

GETTING THE MOST OUT OF YOUR RED HAT JBOSS FUSE ARCHITECTURE ASSESSMENT

To make the most of this engagement, gather all documentation relating to existing or proposed architecture. This can include use-case diagrams, user stories, deployment diagrams, and logical or conceptual architecture diagrams. If an existing architecture is in place and has little supporting documentation, prepare or provide access to deployment configuration and artifacts so that our consultant can derive your deployment architecture.

In addition, plan to have the right people in the room. The assessment begins with a half-day review meeting to identify the current architecture, target architecture, and key architectural drivers. Having the right people—including project owners, architects, integration designers, and technical leads—is crucial to a successful strategic architecture review.

PREREQUISITES

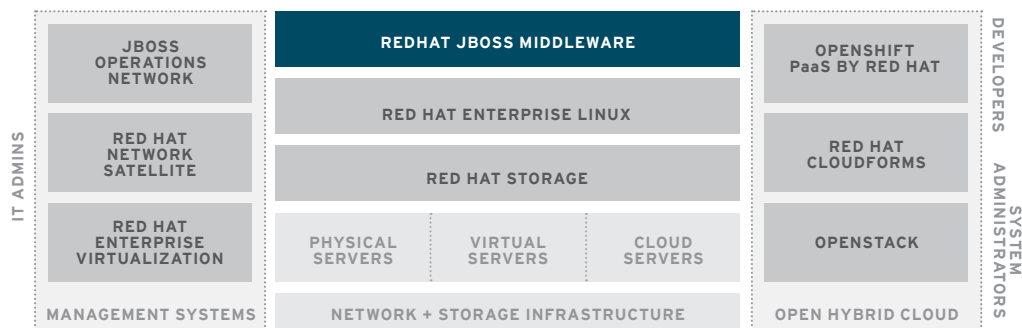
While our consultant will be working closely with your team, he or she will need an Internet connection and power connection. Access to a meeting room with projector and whiteboard for breakout sessions is highly desirable.



ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.

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