

Simplifying deployment and administration

Streamline installation and management of the IBM Engineering Lifecycle Management applications



In a dynamically evolving IT landscape, global organizations grapple with the dual challenge of increasing operational efficiency and preserving quality and compliance standards. At the same time, the security and reliability across all applications and platforms in use needs to be ensured at all times. Fast-changing tech world, however, can make finding skilled professionals capable of managing modern IT environments exceedingly hard. To tackle these complexities, containers and container orchestration management solutions emerge as vital tools. They facilitate simplified relocation of application workloads between on-premises, private cloud, and public cloud environments and thereby can significantly reduce administrative overhead and empower IT teams to focus more on strategic tasks rather than routine operations.

To allow for streamlined installation and management of new IBM Engineering Lifecycle Management (ELM) server instances, IBM ELM is harnessing the container technology and the Red Hat OpenShift Container Platform to introduce a new deployment option: **IBM Engineering Lifecycle Management on Hybrid Cloud v1.0**. This alternative presents a refined, enhanced approach, embodying the latest industry best practices and paving the way for improved productivity, performance and overall management experience.

With the arrival of IBM ELM on Hybrid Cloud (containerized deployment), standard pre-configured containers for ELM v7.1 applications are coupled with a dedicated operator which introduces new level of automation for many of the most complex and time-consuming tasks related to setup or configuration.

This enhancement is anticipated to bring about several advantages to new IBM ELM users, including:

- Automated installation and configuration of the ELM application containers: Requirements Management (RM), Change and Configuration Management (CCM), Rhapsody Model Manager (RMM), Quality Management (QM), Global Configuration (GC), Report Builder (RB), Insights (ENI), Lifecycle Query Engine (LQE) with LDX, Data Collection Component (DCC), Jazz Authorization Server (JAS) and Jazz Team Server (JTS)
- Automated installation and roll-back of interim fixes
- Monitoring of the ELM application nodes and automated restart as needed
- Backup and restore of the ELM containers configuration, settings and secrets
- Streamlined technical support through automated collection of logs and configurations

ELM on Hybrid Cloud v1.0 offers the ability to deploy and manage the ELM v7.1 applications on any of the following environments:

- Red Hat OpenShift Container Platform (on-premises)
- Red Hat OpenShift on IBM Cloud
- IBM Cloud Kubernetes Services
- Other OpenShift or Kubernetes services in private clouds or on-premises

Book a live demo with IBM expert to learn more:

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