

# What's New in Lifecycle Manager™ 6.7?

Lifecycle Manager 6.7 provides a broad set of new and enhanced integration capabilities for API and SOA initiatives, improving automation and reducing the burden on architects, developers and IT administrators. In addition, impact analysis support for architects and other IT and business stakeholders is enhanced through improved visualization, reporting and Semantic Web features.

## DevOps Integration

**DevOps Integration** – Lifecycle Manager now ships with prebuilt integration points for Jenkins and TeamCity build platforms. Customers can use these integrations to define and implement approval processes over DevOps build selection and promotion activities (e.g., identify a continuous integration build as a release candidate, submit the build through a Lifecycle Manager automated approval process, and automatically push the approved build to one or more target runtime environments).

## Architecture Visualization Enhancements

**Architecture Visualization Enhancements** – Lifecycle Manager's Asset Relationship Visualization feature now supports multiple layer definitions based on customer configuration settings. For example, services may be classified by business domain and by technical layer (e.g., process service, business service, data service, utility service), with both options made available to ARV users via dropdown control. In addition, improvements have been made to both graph layout and graph load performance.

## Semantic Web Interoperability

**Semantic Web Interoperability** – Lifecycle Manager now provides the ability to import and export a set of assets in RDF format, thereby enabling further processing using Semantic Web tools.

## Asset Enhancements

**Asset Enhancements** – The following enhancements to Lifecycle Manager's asset content viewing and editing capabilities have been incorporated into this release:

- **Swagger-Based API Specification Support:** REST APIs can now be specified via Swagger document within SOA Software's integrated product suite, with Lifecycle Manager automatically propagating the resulting interface definition to both Policy Manager and Community Manager.
- **Full SOAP and REST API integration with Community Manager:** Lifecycle Manager supports a full set of SOAP and REST API specification patterns, including REST to REST, SOAP to SOAP and SOAP to REST.
- **Asset Working Set:** When analyzing repository content or planning for bulk content updates it can be useful to accumulate a set of in-scope assets over a series of

searches. Lifecycle Manager 6.7 introduces the Asset Working Set to support this mode of operation. Once the collected set of assets has been accumulated, users can then apply bulk actions to the set such as export, bulk update, etc.

- **Role-Based Importers:** Importers can now be configured on a role-enabled basis, simplifying the user experience and ensuring that sufficient controls are placed over sensitive update activities.
- **Operation Usage Report:** Lifecycle Manager now provides a default report showing all service and API usage at the operation level. This level of detail can be invaluable to architects attempting to assess proposed changes to existing services and APIs.

## LDAP Integration Enhancements

**LDAP Integration Enhancements** – For customers desiring automated synchronization of users, groups and roles based on LDAP content, Lifecycle Manager 6.7 now provides an imbedded configurable LDAP integration component as an alternative to custom integration via the product's preexisting SOAP-based administrative APIs.

## Infrastructure Enhancements

**Infrastructure Enhancements** – Lifecycle Manager 6.7 provides integration support with the latest releases of various supporting technologies.

**Application Server support:** WebSphere 8.5 is now a supported Application Server deployment option for Lifecycle Manager.

**IDE support:** Eclipse 4.4 (Luna) is now supported by Lifecycle Manager's Eclipse add-in.