

# What's New in Lifecycle Manager™ 6.5.1?

Lifecycle Manager 6.5.1 furthers SOA Software's industry leading end-to-end SOA governance and API management suite by adding integrated app governance (including negotiated API contract support) with Community Manager and mainframe-based service governance with SOLA. In addition, significant enhancements to asset editing, viewing and graphical impact analysis are incorporated into this release.

## REST API Support – Phase 2

**REST API Support** – In addition to the full SDLC support for REST APIs delivered by Lifecycle Manager 6.5, the 6.5.1 release adds management support in the following areas:

- Automated population of Lifecycle Manager-governed (i.e., internally developed) apps into Community Manager, including Community Manager-generated app id support
- Integrated OAuth credential management with Community Manager for internal apps consuming REST APIs
- Extension of Lifecycle Manager's integrated contract governance capabilities to include Lifecycle Manager-centric app acquisition of governed APIs (both sandbox and production endpoints) with automated population of the resulting agreements into Community Manager for purposes of runtime enforcement

## Asset Relationship Visualization (ARV) Enhancements

**Asset Relationship Visualization (ARV) Enhancements** – Users of Lifecycle Manager's ARV graphical impact analysis viewer now have increased flexibility to both display precisely the information needed to assess specific scenarios and the ability to save those settings for future use. Specific enhancements include:

- Configurable asset classifier settings to display specific metadata of interest via asset node hoverhelp
- Support for selectively hiding asset nodes to produce a more narrowly-focused impact analysis graph
- Classifier-based filtering for enumerated and Boolean classifier types
- Nameable and saveable filter settings

In addition, ARV now provides integrated print support.

## Asset Enhancements

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

- **Email-based dynamic artifacts:** Informal design reviews and other development discussions often occur via extended email threads spanning multiple team members. With Lifecycle Manager 6.5.1, these threads can be initiated from an asset via a new email-based artifact type. As the email is sent and responded to by the community of interest, Lifecycle Manager automatically updates the asset with

the latest email in the discussion chain. The resulting artifact serves as a historical record of informal discussion and decisions that are otherwise commonly lost to development teams.

- **Greater control over asset display for thin-client users:** Thin-client users of Lifecycle Manager 6.5.1 can now control the default action for asset hyperlinks choosing from snapshot, main window, or new tab/window-based launch as desired. As in prior releases, the “right-click” context menu continues to present all three options to the user.
- **Conditional template definition support:** In conjunction with Lifecycle Manager’s integrated API support, administrators can now specify conditional classifier-based rules for enabling template content. For example, an asset owner who tags an Application asset to enable REST API acquisition via a Boolean classifier will see the asset dynamically modified to expose REST-specific content such as identity and OAuth configuration information.
- **Deletion validators:** Validators can now be incorporated into asset deletion scenarios to present severe errors to the asset owner prior to submission of the deletion request.

## SOLA Integration

**SOLA Integration** – Lifecycle Manager 6.5.1 provides full production governance support for mainframe-based services development taking place in SOA Software’s SOLA product. Both top-down (i.e., WSDL first) and bottom-up (i.e., copybook-based) service development scenarios will eventually be supported via this integration, with the more typical bottom-up scenario initially supported in this release. For the top-down case, the WSDL will be automatically propagated from Lifecycle Manager to SOLA Developer for use during the implementation process. For the bottom-up case, the WSDL generated by SOLA Developer is automatically propagated from SOLA Developer to Lifecycle Manager. In either case, SOLA Developer will notify Lifecycle Manager of development completion, triggering appropriate updates of the SOLA-developed service into Policy Manager.

## Infrastructure Enhancements

**Infrastructure Enhancements** – Lifecycle Manager 6.5.1 provides integration support with the latest releases of various supporting technologies.

**IDE support:** Eclipse 4.3 (and commercial variants based on Eclipse 4.3) is now supported by Lifecycle Manager’s Eclipse add-in.