



For Immediate Release

MEDIA CONTACT: Mary Slonske
Nereus for OpenSAF Foundation
+1 (503) 619-5225
opensaf@nereus-worldwide.com

OpenSAF Announces Release 4.1 of High Availability Middleware

OpenSAF Release 4.1 improves performance of high availability middleware among other enhancements such as alternative transport protocol and software upgrade rollback

BEAVERTON, Ore. — April 12, 2011 — [OpenSAF™](#), an open source community with projects focused on high availability (HA) middleware, today announced the public availability of Release 4.1 of its HA middleware platform. OpenSAF Release 4.1 implements all major functions of the Service Availability™ Forum (SA Forum) [Application Interface Specifications](#) (AIS) and includes important enhancements from OpenSAF Release 4.0 including general usability, overload and performance enhancements, and also implements new features such as TCP/IP as alternative transport protocol and software upgrade rollback.

“With Release 4.1, OpenSAF continues to respond to the needs of the wider HA middleware community with improvements and enhancements over Release 4.0,” says Jonas Arndt, co-chair of the technical committee. “This new release improves general usability and performance, while still delivering a cost-effective, standards-based solution for creating highly available networks.”

Release 4.1 offers new technical enhancements to Release 4.0, including:

- TCP/IP added as an alternative transport protocol for middleware Inter-process communication, in addition to the default protocol TIPC.
- Software Management now supports rollback, a method to recover to the system state effective at the beginning of a software upgrade without downtime.
- Seamless integration with AM4J (JSR319) compliant Java Application Servers, enabled with contributed AM4J Java agent that maps AMF Java API to the AM4J API.
- Data capacity for the Information Model Management (IMM) service has been improved (tested with 400K objects with an average size of 300 bytes).
- IMM now supports schema upgrade, a feature that allows backward-compatible changes to the class definition in a running system without disturbance.

The [2011 OpenSAF Conference](#), to be held May 17-18, 2011 at MIT University in Cambridge, Mass. will feature sessions outlining the new features and implementations of OpenSAF Release 4.1. The 2011 OpenSAF Conference is designed for the open source, high availability middleware community and has expanded this year to include developers, users and academics. The 2011 OpenSAF Conference will educate on best practices for

implementing the OpenSAF Project architecture into diverse platforms and will provide attendees the opportunity to share experiences with key technical experts driving the HA ecosystem.

Supporting Resources

- To learn more about OpenSAF visit: <http://www.opensaf.org>
- To download the latest OpenSAF software releases:
<http://devel.opensaf.org/wiki/downloads>
- To view the full 2011 Conference agenda:
http://www.opensaf.org/link/linkshow.asp?link_id=335835

About OpenSAF

The OpenSAF™ Project is an open source project established to develop a base platform of high-availability middleware consistent with Service Availability™ Forum (SA Forum) specifications. The OpenSAF Foundation was established by leading communications and computing companies to facilitate the OpenSAF Project and to accelerate the adoption of the OpenSAF code base in commercial products. The OpenSAF code is licensed under the GNU Lesser General Public License, version 2.1 (LGPL v2.1). Anyone may participate in the OpenSAF Project by downloading the code and contributing to the development project. More information about the OpenSAF Foundation is available at www.opensaf.org.

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