
ITC - Loc/ID Separation SIG Report 2015

In the framework of ITC Special Interest Groups activities, the Locator/ID Separation SIG has been created in 2012, aiming at gathering and disseminating activities about the Locator/ Identifier Separation paradigm. The paradigm is instantiated in LISP (Locator/Identifier Separation Protocol) and the highlights of 2014/2015 activities concern the advances in the IETF LISP WG, the evolution of the OpenLISP implementation, and the growth of LISP deployments.

The LISP WG at the IETF, in the last year, has continue to work toward the completion of the milestones in its charter. As of today the WG has concluded Working Group Last Call for all the blocking documents of the charter. It is now expected to start discussion about rechartering during 93rd IETF (July 2015).

The OpenLISP project (www.openlisp.org) is an open source implementation of the LISP protocol on FreeBSD platform. During 2014/2015 the implementation work mainly focused on the LISP control plane (<http://www.lisp.ipv6.lip6.fr>). As the only alternative to the Cisco implementation concerning LISP-DDT functionalities, the project has focused on improving the stability of such feature. LISPmob an alternative open-source implementation for Linux platforms. LISPmob still lacks support of LISP-MS/LISP-MR/LISP-DDT, yet it now supports NetConf. A new python based implementation is also now available at www.lispers.net, but it is not open source.

The LISP Beta Network (www.lisp4.net) has continued its growth and is now paired by the LISP-Lab network. The LISP-Lab Project (cf., www.lisp-lab.org) is a French funded research project aiming at deploying a large LISP-based platform on which to develop new services.