

PRESS RELEASE

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Interoperability Testing Event for Network Protocols related to Signaling and Measurement organized by MOME project in July 2005

The **MOME** Interoperability Testing Event took place on 28-30 July co-located with the 63rd IETF meeting, at the congress center Le Palais des Congrès de Paris, in Paris, France.

This event has brought together researchers and developers to discuss about network protocols such as **IPFIX**, **NSIS**, and **NECONF** during a three day meeting.

The goal has been to remove ambiguities and misinterpretations in the currently developing protocol standards, as well as in their implementations. The interoperability event aims at providing feedback into the standardization process, and at improving interoperability between the different implementations.

The event was organized in cooperation with the Eurolabs project and the ETSI Plugtests Service.

Event Purpose and Objectives

The goals of the **MOME** Interoperability Event were:

- Ensure that the relevant and upcoming standards are well understood and followed by projects and companies, i.e., to check that there are no ambiguities in the protocol standard and that everyone interprets the standard in the same way;
- Evaluate how mature existing implementations of monitoring-related protocols are and detect their shortcomings;
- Provide feedback into the standardization process, i.e., prepare questions (and suggested answers) and incorporate them into the standardization process of the respective IETF working groups;
- Make sure that protocol implementations of different companies interoperate (numerous implementations have been successfully improved at the event);
- Support ongoing research on traffic measurement and monitoring tools.

Event Description and Outcome

The **MOME** event focuses on monitoring and measurement related tools and similar technologies. Implementations on **IPFIX**, **NSIS** and **NETCONF** protocols standards were tested during the three day event.

The attending participants coming from 9 different countries were from academic, industrial and telecommunications organizations, and from research institutes.

Overall 44 engineers, representing **18 companies**, with **14 implementations** attended the event. Tests have been performed in protocol specific groups with 4 to 6 implementations available per group.



The event was crowded but very effective due to short “communication links”.

The **MOME** Interoperability Testing Event participants have achieved the following: Open issues on protocols interpretations were identified; practical implementation questions were discussed; implementations were improved; the event results were discussed within the IETF related working groups during the WG meetings of the 63rd IETF a few days after the testing event. Results of this input have been incorporated into the related working group draft documents.

Further follow-up activities are the organization of interoperability tests foreseen in a near future. In addition, the MOME project is organizing a distributed OWAMP test.

More Information

- For further information, please have a look at: <http://www.ist-mome.org/events/interop/>
- Or contact us via eMail at: info@ist-mome.org.