



TREX is pleased to host a workshop on Virtualization in an ISP environment and IPv6 Transition Techniques Update together with sponsors **Cisco Systems**<sup>1</sup>, **Consolidate IT**<sup>2</sup> and **Juniper Networks**<sup>3</sup>. The workshop will be held on Friday the 19th of February 2010 at the **Tietotalo**<sup>4</sup> Auditorium TB111 in **Tampere University of Technology**<sup>5</sup> from 12:00 to 17:00 and will continue as a networking event in the Hermia 1 Sauna until late at night. The workshop will be of value to anyone interested in cloud computing and adopting IPv6, and of course to everyone interested in peering at **TREX Tampere Region Exchange**<sup>6</sup>.

Server and network **virtualization** has become a possible and a very economical way to do business on the Internet. Virtualization is also a very ecological alternative, which is important due to rising customer awareness regarding the global warming issues. There are a handful of nice presentations focusing on different aspects of virtualization in this seminar.

Unused IPv4 address space is expected to run out within three years. After it has run out, only used IPv4 address space will be left and it will become an increasingly expensive commodity. There are a couple of presentations on brand new efforts to make the **transition from IPv4 to IPv6** as smooth as possible, so that the pain caused by running out of IPv4 addresses could be avoided altogether.

## Registration

The workshop is free to all invited and preregistered parties. Snacks and beverages will be provided. Registration is now closed.

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<sup>1</sup> <http://www.cisco.fi/>

<sup>2</sup> <http://www.consolidate-it.nl/>

<sup>3</sup> <http://www.juniper.net/>

<sup>4</sup> <http://www.tut.fi/public/yhteystiedot/maps/mapCeng.html>

<sup>5</sup> <http://www.tut.fi/>

<sup>6</sup> <http://www.trex.fi/>

## **Parking and Flights**

You will get parking permits from the lobby. The parking permits should be placed on the windshield of your car.

At least Air Baltic and Ryanair have direct flights to the Tampere-Pirkkala International Airport (TMP). Flying via Helsinki-Vantaa (HEL) to TMP is also possible with e.g. One World or Star Alliance, but it might be easier to just take the train for that leg of the journey. The trains run at least once per hour between 05:00 and 22:00.

## **Accommodation**

**Hotel Hermica**<sup>7</sup> is located within just 5 minutes walking distance from the sauna location. Overnight workshop participants are urged to try to reserve a room there. Most of the other hotels in Tampere are located at the city center.

## **Seminar Program**

Please note that all times are given in the local time zone (EET+2).

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<sup>7</sup> <http://www.hermica.fi/>

<b>Time</b>	<b>Activity</b>
11:30	Reception Coffee
12:00	<b>Opening Statements</b> Aleksi Suhonen <b>Axu TM Oy</b>
12:10	<b>ICT SHOK Future Internet TestBed</b> Karri Huhtanen <b>Tampere University of Technology</b>
12:35	<b>Supermatrix Virtualizes Your Desktop Computer</b> Jarmo Harju <b>Supermatrix Project</b>
13:05	<b>Network Virtualization Research at HEAnet</b> Dave Wilson <b>HEAnet 1213</b>
13:35	Cisco's <b>Overlay Transport Virtualization</b> Lauri Toropainen <b>Cisco Systems</b>
14:00	<b>Cloud Switching with Arista Networks</b> Chris Bowles <b>Consolidate IT</b>
14:20	Coffee and Snack Break
14:45	<b>IPv6 Transition Techniques in Fixed Networks Update</b> Jouni Korhonen <b>NSN</b>
15:10	<b>IPv6 Transition Techniques in Mobile Networks</b> Jan Melen <b>Ericsson</b>
15:35	<b>Juniper's presentation on IPv6</b> Markku Rantanen <b>Juniper Networks</b>
16:00	<b>HEAnet Strategic Approach to IPv6</b> Dave Wilson <b>HEAnet 1213</b>
16:30	Tampere Peering Forum
16:35	<b>Roaming with: Wireless Tampere</b> Karri Huhtanen <b>Arch Red Oy</b>
16:40	Peering with: Nokia Corp Kimmo Puranen <b>Nokia Corp 1248</b>
16:45	<b>Peering with: Cybercom Plenware</b> Kimmo Koivisto <b>Cybercom</b>
16:50	<b>Peering with: Elisa</b> Jiri Sane <b>Elisa Oyj 719</b> (national) and 6667
16:55	Tampere Peering Forum Migrates to the Sauna
17:05	Dinner for Those Who Registered for the Sauna.
17:25	Form small groups and discuss peering related issues.
17:45	Periodically rotate groups and mingle.