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Deliverable DN2.0.6,3: GÉANT2 Network Topology Maps



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Abstract

The purpose of this Deliverable is to officially notify the European Commission of the production of updated topology maps for the GÉANT2 network.

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0 Executive Summary

This Deliverable formally reports to the European Commission the significant updates that have been made to the GÉANT2 Network Topology map since the previous update, in November 2006.

The network map is an important tool in disseminating key backbone information about the GÉANT2 network in a simple and easy-to-understand form.

The revised map is included in Appendix A and an online version is accessible from: <http://www.geant2.net/server/show/nav.779>.

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1 Overview and Usage of Maps

The GÉANT2 Topology Map depicts the capacity and geographic scope of the GÉANT2 network. It is one of the most popular materials produced by the PR team, and needs to be updated on a regular basis to reflect the changing nature of the network. It is used in a variety of formats including as a printed poster, in presentations and in a number of publications. In addition it is available as a download from the GÉANT2 website and is the most popular downloaded PR item.

This update includes upgrading the following connections:

- NO – DK at dark fibre
- NO – SE at dark fibre
- SE – FI at dark fibre

It also includes the planned/in process upgrades:

- | | |
|------------------------|-----------------------|
| • DK to EE at 10 Gbps | • HU to RO at 10 Gbps |
| • HU to BG at 10 Gbps | • EE to LV at 10 Gbps |
| • RO to BG at 10 Gbps | • LV to LT at 10 Gbps |
| • BG to GR at 10Gbps | • LT to PL at 10 Gbps |
| • RO to TR at 2.5 Gbps | • DE to LU at 10 Gbps |
| • BG to TR at 2.5 Gbps | • LU to FR at 10 Gbps |
| • IL to DE at 2.5 Gbps | • ES to PT at 10 Gbps |

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2 Conclusions

The map is an important tool for extending the information disseminated about GÉANT2. It conveys complex information in a clear and accessible manner. The map is reprinted in a variety of publications, including in the mainstream media. As a result, the Topology Map is many peoples' first introduction to GÉANT2, and since the map lists the www.geant2.net URL, it also serves to increase site visits and dissemination.

