EGEE

Enabling Grids
for E-sciencE

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EGEE-III Network Troubleshooting Tools

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EGEE-III network troubleshooting tools are developed in order to facilitate and speed up network problem solving for EGEE clients. Via a central web-server authorized Grid clients can request measurements between sites using tools such as traceroute, ping, port-scan, dns-lookup or bandwidth measurements with BWCTL. Unlike already existing approaches the EGEE-III network troubleshooting solution offers on-demand tests and measurements that can be run in limited time intervals over specific link connections without any permanent background measurements. The implementation is based on a platform independent plugin architecture in connection with a common core perfSONAR interface. Measurement requests and results are made available via the central web-server with only a light-weight client set up at each Grid site. Interested EGEE client sites can obtain more information on how to get access to the tools via "project-eu-egee-sa2 *at* cern.ch".

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