



FUTURE INTERNET TESTBEDS
EXPERIMENTATION BETWEEN
BRAZIL AND EUROPE

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Server-to-Server OMF Federation of BR-EU Islands

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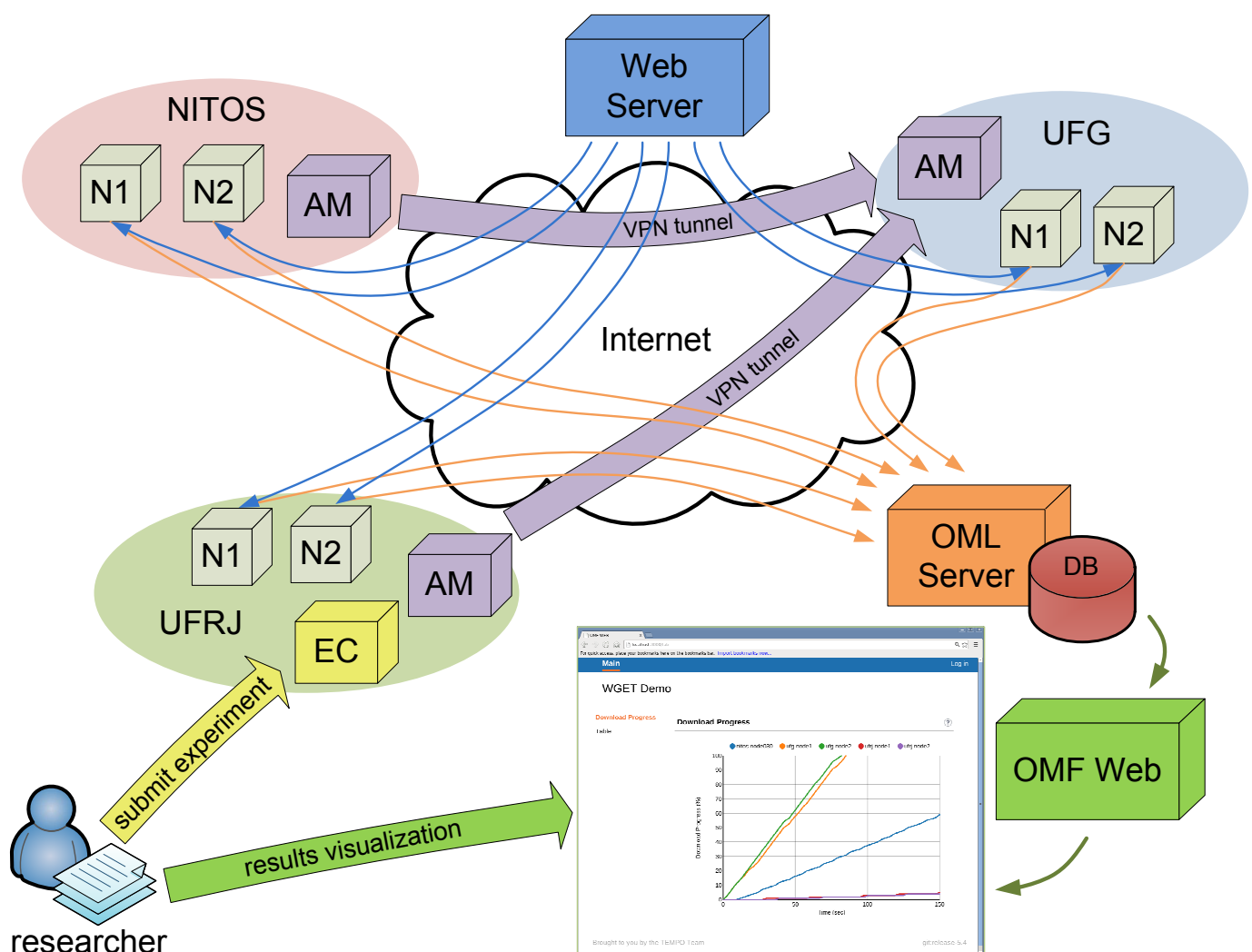
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The demonstration shows the orchestration of an experiment that spans among federated facilities in Brazil and EU through OMF control and management framework. The experiment is completely described in Ruby and consists on each experimentation node executing a download with wget. The measurements are collected through the instrumentation of this application, which uploads the results to an OML Server. During the experiment, the researcher may keep track of the progress of these multiple downloads through the OMF Web visualization tool, which collects the experimentation results directly from the OML database.

This demonstration involves:

- Three islands providing physical or virtual nodes for experimentation
- Interconnection through VPN tunnels
- Federation achieved through the Server-to-Server capability of XMPP

Live demonstration setup



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