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## GEANT Deploys ONOS SDN over Pan-European Research Network

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On.Labs' open Software Defined Networking (SDN) project, ONOS (Open source SDN Network Operating System) has been deployed on GEANT's pan-European testbed network allowing researchers to define, build, test and rebuild highly scalable and high capacity virtual networks.

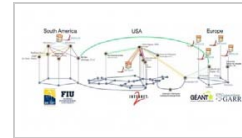
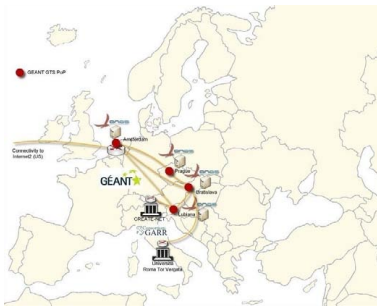


Image Credit: GEANT



GEANT is running a new Inter Cluster ONOS Network Application (ICONA) – developed by CREATE-NET and the [University of Rome Tor Vergata/CNIT](#) in collaboration with the ONOS project in Amsterdam, Bratislava, Slovakia, Lubiana, Poland and Prague.

Organizations may connect to a network slice offered on the GEANT Testbeds Service (GTS), a virtual network environment comprised of OpenFlow where ONOS and the ICONA app are deployed, to access self-contained networks for experimentation and pilot deployments of new technology or distributed applications.

GARR Research and Development Coordinator, Mauro Campanella

We are thrilled to support and collaborate directly and through GEANT to the development and research in new networking technologies using the ONOS platform. A joint international effort greatly facilitates the innovation towards an open source SDN production environment.

Bill Snow, Vice President of Engineering at ON.Lab

ONOS' deployment on GEANT's GTS is another major milestone for the ONOS project. With the GTS connecting to Internet2 in the U.S. and, through them, to South America we now have the best and brightest minds from three continents linked together via pure OpenFlow-based networks running ONOS software.

Drawing from a global collaborative community provides us with resources that can't be matched and accelerates the pace of open SDN innovation by providing valuable insight, testing and feedback for ONOS to deliver the benefits of true SDN.