

The Grid Computing in Vietnam and VNGrid Project

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The VNGrid - Vietnamese National Grid Computing project was sponsored by the Ministry of Science and Technology of Vietnam in two years and will be finished on Oct 2008 for phase one. There are five Universities and Institutes in Vietnam were collected to participate to VNGrid project, including Vietnamese Institute of Information Technology, Hanoi University of Technology, Vietnam National University in Hanoi, Vietnamese Military Technical Academy, and Ho Chi Minh City Institute of Information Technology. The project's objectives are:

- Building the Grid computing system to connected five organizations above with other system on the world, then build up the Grid cyber-infrastructure
- Studying to develop and deploy the middleware monitoring, discovering whole of resources and connected system, then scheduling, broking using meta-scheduler and meta-broker.
- Making the grid-based applications for Bioinformatics, meteorology, virtual reality and cryptography.

Goal of VNGrid project is establish the cyber Grid system, experiment the large-scale problems, deploy the tools for monitoring and discovering the Grid system. In order to study these problems, the open source software could be used and developed.