

A course jointly conducted by:



**National Grid
Competency
Centre**

&



GSA102 Setting Up a Grid Testbed using Globus Toolkit

31 Aug 2005, 0900 – 1230 hours

Objectives of course

- To provide an overview of the basic concepts in Grid Computing;
- To highlight the features and differences between Globus Toolkit version 2.x, 3.x & 4.0;
- To highlight frequently occurring problems during upgrading of Globus Toolkit;
- To introduce widely used Distributed Resource Management software and grid monitoring tools for setting up a grid testbed;
- To introduce the architecture of a grid testbed; and
- To illustrate the practical experience of setting up a grid testbed through case studies, e.g. UKM/USM Bio Grid Testbed and Nanyang Campus Grid.

Outcomes for the attendees

Upon completion of this course, attendees should be able to:

- Understand grid testbed architecture;
- Acquire knowledge of widely used software for grid testbed set up;
- Understand features & differences for various versions of Globus Toolkit;
- Understand the approaches to setting up a grid testbed using Globus Toolkit; and
- Acquire knowledge to resolve common problems during the setup of a grid testbed.

Audience: System Administrators and IT Professionals who are keen to setup a Grid testbed

Instruction Type: Lecture

Charges: S\$160 (excl. GST) per attendee after a one-time introductory discount, courtesy from APSTC, Sun Microsystems (usual charge is S\$300). Course materials and refreshments will be provided.

Date : 31 Aug 2005 (Wednesday)

Time : 0900 to 1230 hours

Venue : The Big One, 21 Heng Mui Keng Terrace, Singapore 119613

Please register online at <http://www.sun.com.sg/javalearning> For further queries, please contact Ms. Vasu (NGO) at 6874-7863 or vasu@ngp.org.sg.

Organizers' Information:

National Grid Office
21 Heng Mui Keng Terrace
Singapore 119613
Tel: 6874-7863
Fax: 6872-1361
URL: <http://www.ngp.org.sg>

APSTC (c/o NCSV)
N3-01c-10
School of MAE
Nanyang Technological University
50, Nanyang Avenue
Singapore 639798
URL: <http://apstc.sun.com.sg>

Sun Microsystems - APSTC
1 Magazine Road #07-01/13
Central Mall,
Singapore 059567
Tel: 6438-1888
Fax: 6438-7646
URL: <http://www.sun.com.sg/>