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C-DAC, India's premier R&D Institution Selects Manjrasoft's Aneka Platform to Support their Research and Educational Programs in Cloud Computing

Melbourne, Australia. July 29th, 2010 - Manjrasoft Pty Ltd today announced that the Centre for Development of Advanced Computing (C-DAC), Hyderabad has selected Aneka, Manjrasoft's Cloud Computing software technology, as a platform for building Enterprise Clouds and its innovative applications. As a Scientific Society under the Department of Information Technology, Ministry of Communications and Information Technology, Government of India, C-DAC is spearheading the national initiatives in IT to meet the technological needs of the country. C-DAC also offers professional training programs via its Advanced Computing Training School (ACTS), and Aneka serves as a practical platform for imparting Cloud Computing education as part of its Diploma in Advanced Computing (DAC).

Aneka offers three types of capabilities essential for building, accelerating and managing Clouds and their applications. It consists of a Software Development Kit (SDK) containing a combination of APIs and tools to enable users to rapidly develop applications. Aneka supports rapid development and deployment of applications in multiple run-time environments running different operating systems such as Windows or Linux/Unix. The management tools and capabilities supported by Aneka include a Graphical User Interface (GUI) and APIs to set-up, monitor, manage and maintain remote and global Aneka compute Clouds.

Emerging out of innovative R&D from a leading research group in Cloud and Distributed Computing at the University of Melbourne, Australia, Aneka provides tools and services essential for building Cloud Computing applications. As a result of its rich support for various programming models for application development, Aneka has emerged as a de-facto platform for teaching Cloud application programming concepts. Based on a flexible service-oriented architecture, Aneka provides them with the right set of tools to explore different aspects of composing a Cloud Computing solution: resource management and provisioning, application scheduling and scalability on demand, and customer billing. Plus, its extensible architecture will allow them experiment with new algorithms and application programming models for the Cloud.

With Aneka-based educational programs, C-DAC will play a leading role in training professionals with skills in Cloud Computing and make them ready for their careers in the industry. Recent advances in infrastructure hosting, media streaming, web centric software development, utility computing have made Cloud Computing a requirement to be on the

competitive edge. As security remains a major area of concern in the Cloud arena, Manjrasoft has long recognized the importance of deploying private Cloud resources for enterprise, research and education training purposes. Manjrasoft founder and CEO, Dr. Rajkumar Buyya, has carried out extensive research in utility-oriented distributed computing platforms such as Grids and Clouds. He has directed and maintained Cloud Computing facilities, which have consistently put the institution on the Cloud Computing ready list by using Aneka platform.

"The Aneka technology is ideal for multi-disciplinary industries such as life science, gaming, data mining, finance, engineering etc since it can be used simultaneously as both to deploy distributed cluster and to develop high performance application over cloud and it helps to educate a new generation students *over Cloud Computing*," said Dr. Rajkumar Buyya, CEO of Manjrasoft. "Through our unique software-based training support, we can provide premier institutions such as C-DAC with a greater level of agility over training their students in Cloud Computing application development paradigms with focus on performance and scalability."

"We are keyed up to collaborate with Indian supercomputing R & D giant C-DAC. In the past Aneka has been responsible and has played key role in setting up Cloud Computing training needs in various universities. This is a very exciting milestone of our business and we will remain uniquely positioned to deliver the most innovative solutions to the industry" said Dr. Buyya.

About Manjrasoft:

Manjrasoft Pty Ltd is an innovative provider of choice for application acceleration services and solutions over Cloud. Manjrasoft's core technology enables enterprises to improve performance and scalability within existing, Windows-based software application and development frameworks by distributing application processing within .NET enterprise environments. Manjrasoft's core technology enables software applications requiring high computation capability to run across a number of networked computers and servers, delivering increased performance and efficiency in a cost effective way. Customers of Manjrasoft benefit by deriving greater computing capability out of existing assets and can also implement new computing models that leverage online computing resources (such as Amazon's Elastic Compute Cloud (EC2) server farms, which are available via the internet and effectively 'for rent').

Manjrasoft's flagship product, Aneka, provides tools and technologies that enable organisations to rapidly build, accelerate, manage Clouds and their applications. Aneka has already been used in many interesting applications including life sciences, engineering, software development, gaming and CAD rendering/creative media, which are successfully deployed on enterprise or public Clouds. One of Manjrasoft customers in China, GoFront, a unit of China Southern Railways, has used Aneka software for engineering design of locomotives. In particular, they have used Aneka for high-speed processing of Maya rendering on their private Cloud. Aneka helped them to harness capacity of in-house computing resources (including desktop) to speed up processing of Maya rendering tasks. We have a customized interface for Maya, which enhances productivity. Thus they are able to minimize rendering (computing time) with minimal investment.

For latest developments on Cloud Computing from Manjrasoft, please visit the website: <http://www.manjrasoft.com/>