

*Invited Talk on*  
**Cloud Computing and Hadoop**

*By*  
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**Abstract of the Talk:**

The information age is producing humungous amount of data that requires a paradigm shift in thinking about how to store and process this data. Traditional architectures fade into cost overruns, scalability and ROI issues. Distributed computing is the answer. In traditional High performance settings, one often assumes a "well-behaved" system: no faults or failures, minimal security requirements, consistency of state among application components, availability of global information and simple resource sharing policies. While those assumptions are arguably valid in tightly coupled systems, they break down as systems become more distributed.

This presentation will talk about the Cloud computing in Yahoo with emphasis on Hadoop Grid. The Grid Computing group at Yahoo! Bangalore focuses on Grid frameworks that scale to thousands of machines and handle peta-bytes of data. The group is especially involved in the development of the Open Source Hadoop platform and its deployment within Yahoo!

**Profile of the Speaker:**

Chidambaran Kollengode (Chid) is a Systems Professional with over twenty years of progressively responsible experiences, with the last eight years in senior leadership roles. He is currently working as Director Cloud Computing at Yahoo! India R&D, exploring the boundaries of distributed computing for very large volume data processing. Prior to joining Yahoo!, he worked with Amazon in building a highly scalable distributed architecture and a cost effective implementation for processing huge amounts of search and advertisement (Internet) data.

Chid has a wealth of experience in technology development and organization building with a successful track record in building models and sustainable infrastructures for evidence-based management and quantitative fact-based analysis. He is a frequent presenter in enterprise architecture forums (India and abroad) He is the Founder President of Data Management Association, Bangalore (2006 – current). This is the first chapter in the South East Asia region. He is also a Member of the Data Management Association, Philadelphia (1996 onwards).

Chid has a Masters Degree in Business Administration (M.B.A) from Pennsylvania State University (major in Information Systems) and a Bachelors in Engineering from NIT, Trichy (Formerly REC, Trichy). He has been a visiting professor at the University of Phoenix and continues to be a faculty member and faculty mentor, teaching masters and undergraduate courses. Chid also teaches in a couple of Indian Universities.

**Date & Time of Talk:** 18<sup>th</sup> Dec 2009 at 14.30 hrs