



Presents

The Cloud of Things -- The Next Phase of Computing

A Congressional Luncheon Briefing in conjunction with the

Congressional Research & Development Caucus

Co-Chairs Judy Biggert (R-IL) and Rush Holt (D-NJ), House R&D Caucus

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12:00 - 1:30 p.m.

B-340 Rayburn House Office Building

Federal agencies are playing a key role in development of Cloud technologies -- and in finding new applications of the Cloud. Furthermore, they are developing technologies and policies for addressing thorny challenges such as protecting privacy and security in the Cloud and helping develop standards for Cloud computing.

For more than fifty years, the United States has led the world in taking advantage of new developments in information technology such as the mainframe, PC, and the Web. We are now entering a new phase in the history of computing that will be at least as transformative as the Web. Cloud computing represents a new, powerful -- and much cheaper and more flexible -- way to providing computing power and storage -- and it will unleash huge new opportunities for companies and citizens able to harness it.

Most Americans are already using Cloud computing -- to do e-mail (e.g., Gmail or Hotmail) or back-up the files on their laptop or smartphone. Most social networking sites and thousands of e-commerce sites are "running in the Cloud." But what's most exciting about Cloud computing is how it will accelerate developments such as the "Internet of Things," sensor nets, online collaboration, virtual worlds, and augmented reality.

Moderator:

Dr. Michael R. Nelson, Research Associate, CSC Leading Edge Forum &
Visiting Professor, Internet Studies, Communication,
Culture and Technology Program, Georgetown University

Panelists:

Mr. Douglas Neal, Research Fellow, Leading Edge Forum

Dr. Manish Parashar, Professor of Electrical & Computer Engineering, Rutgers
University, and Program Director, Office of Cyberinfrastructure,
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Ms. Elizabeth Grossman, Technology Policy Group, Microsoft Corporation

Dr. Jimmy Lin, Associate Professor, University of Maryland

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