

# IEEE Intercloud Testbed

Engineering Meeting  
9/5/13



# Agenda

1. Members Roster
2. Press Release Status
3. New Member and Subject Matter Expert Policy
4. IPR Policy
5. IEEE Cloud and Intercloud Web Sites
6. Engineering Bootstrap Plan Discussion

# Founding Members so far

1. AT&T, Inc. \*
2. Centre for Development of Advanced Computing, India
3. CITIC Telecom International CPC Limited
4. Cloudscaling, Inc
5. Fraunhofer-Gesellschaft ZV, FOKUS Institute for Open Communication Systems
6. Global Inter-Cloud Technology Forum
7. JT Global
8. Juniper Networks, Inc
9. DOCOMO Innovations
10. Orange Group, France Telecom SA
11. Second University of Naples
12. ServiceMesh, Inc
13. Telx Group, Inc
14. The University of Ulster, Coleraine, Northern Ireland
15. The Hong Kong Polytechnic University
16. The University of Melbourne
17. University of Essex UK
18. University of Stavanger
19. Virtustream

\* Note: AT&T has requested to recuse themselves from marketing/promotion activities but they will still otherwise remain a Member



# Press Release Status

- Awaiting a few final quotes
- Final Version with all quotes to circulate next week to all members and Executive Committee for Approval
- Sept 24 target for actual release date
- Interprose PR and IEEE will manage briefings
- IEEE will post FAQ and Whitepaper

# New Members and Subject Matter Experts

1. New Members may continue to join.
  - Please refer to project coordinator to process applications.
2. Individual Subject Matter Experts can be members
  - They do not get listed as Members or featured in marketing
  - They contribute as individuals to the project
  - SME's may be nominated by any member, approved by Executive Committee
3. Subject Matter Experts so far
  - Yuri Demchenko, Univ of Amsterdam
  - Deepak Vij, 2302 Chair

# Approved IPR Policy

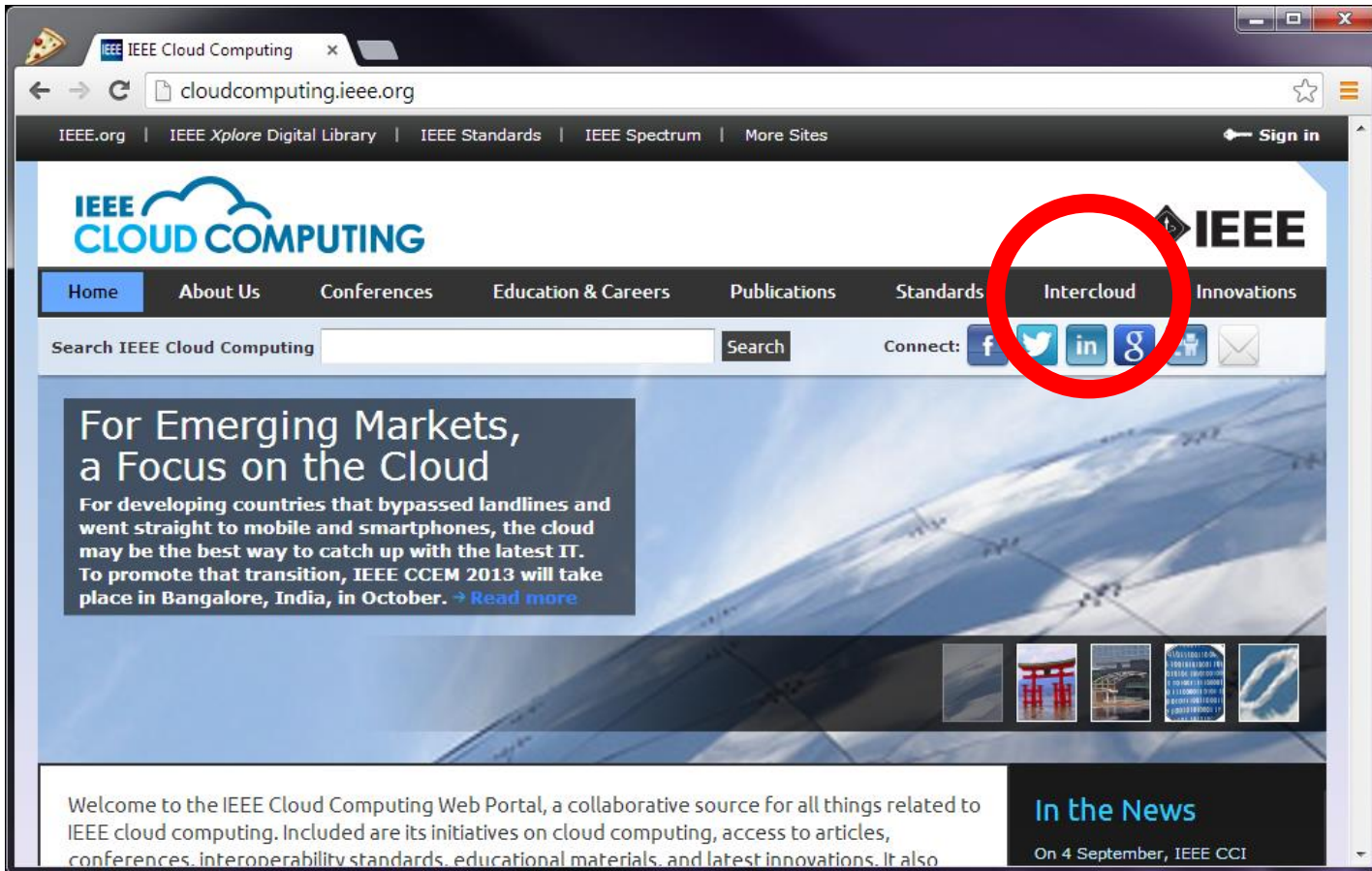
- Software

- BSD “3 clause” (“BSD New”) license
- Widely Adopted
- OSI and FSF approved
- GNU, Apache, MIT Compatible
- <http://opensource.org/licenses/BSD-3-Clause>

- Documentation

- FreeBSD Documentation License
- Widely Adopted
- OSI and FSF approved
- BSD, GNU, Apache, MIT Compatible
- <http://www.freebsd.org/copyright/freebsd-license.html>

# IEEE Cloud Computing Site

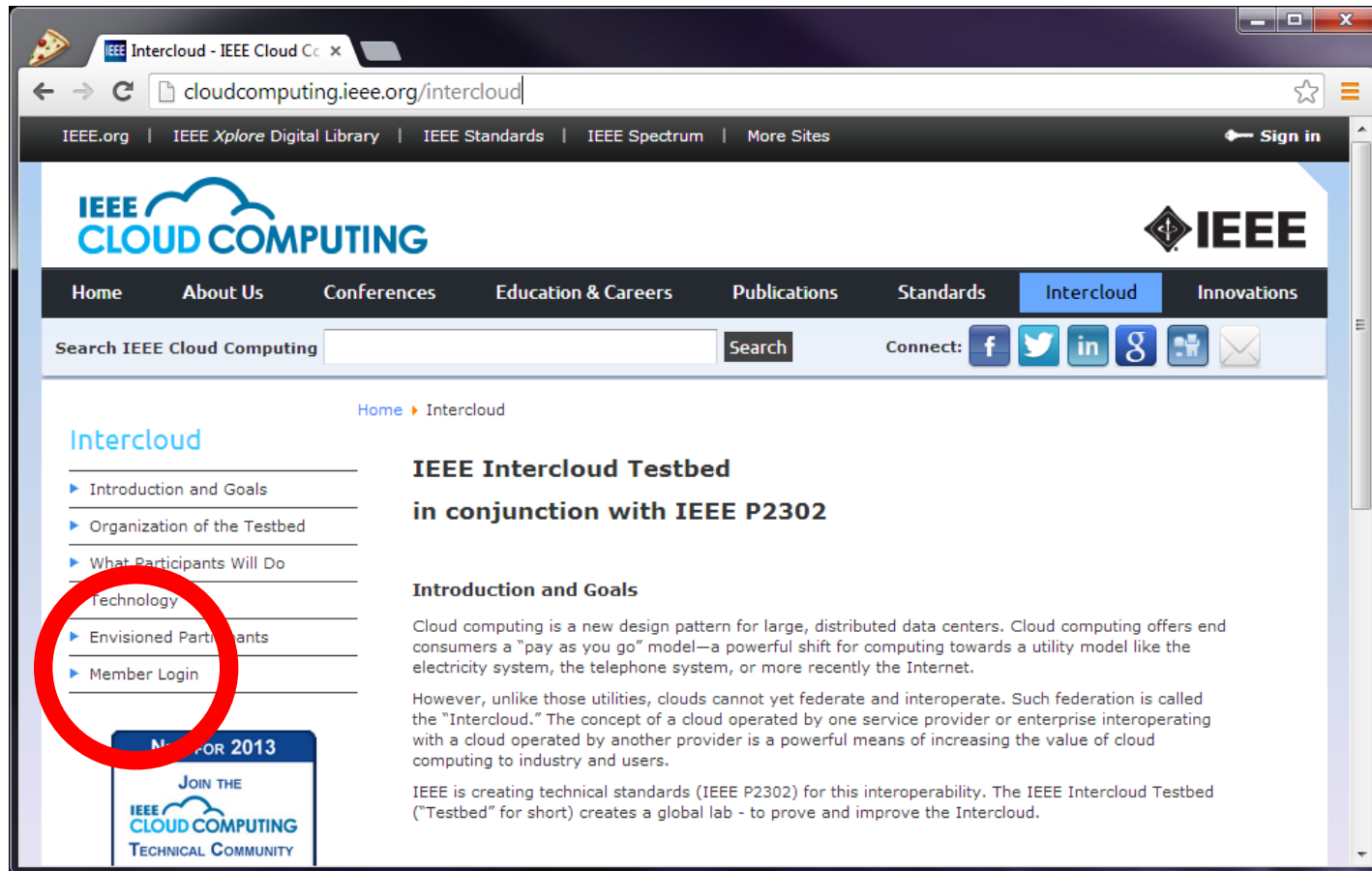


<http://cloudcomputing.ieee.org/>

Note “Intercloud” Section



# IEEE Intercloud Site Public



<http://cloudcomputing.ieee.org/intercloud>

Note “Member Login” Section





# IEEE Intercloud Testbed Project Wiki (new)

The screenshot shows a web browser window with the URL <https://iee-sa.centraldesktop.com/intercloud/home>. The page header includes the IEEE logo and the text "IEEE STANDARDS ASSOCIATION". Below the header, there is a navigation bar with tabs for "Workspaces", "My Dashboard", and "Favorites". The main content area is titled "IEEE Intercloud Testbed Home" and contains a paragraph about the workspace's purpose for communication and collaboration. It also provides an email address for sending messages to all workspace members: [intercloud@standards.ieee.org](mailto:intercloud@standards.ieee.org). The page is divided into three main sections: "Recent activity in 'IEEE Intercloud Testbed'", "IEEE Intercloud Testbed People", and "Recent Discussions". The "Recent activity" section shows a post by David Bernstein, Cloud Strategy Partners, LLC, with a telephone number. The "People" section displays a row of user avatars. The "Recent Discussions" section shows two posts: "Happy New Year" and "Email list for Intercloud Testbed IC activity", both dated Jan 7.

IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites

**IEEE STANDARDS ASSOCIATION** david.bernstein@ieee.org Sign Out Account Help

Workspaces My Dashboard Favorites Search Advanced

IEEE Intercloud ... Home Wiki Files & Discussions Project Management Calendar People Settings More + Add Tab

### IEEE Intercloud Testbed Home

This workspace is for communication and collaboration among the members of the IEEE Intercloud Testbed Industry Connections activity.

To send an email to all workspace members when you are not logged into Central Desktop, please use the following address: [intercloud@standards.ieee.org](mailto:intercloud@standards.ieee.org)  
Note that all such email is saved in the folder Communications/General Email Discussions.

#### Recent activity in "IEEE Intercloud Testbed"

**David Bernstein**, Cloud Strategy Partners, LLC  
Tel: +1 408 857 9872

David Bernstein added IEEE Intercloud Testbed Information Meetings, Teleconferences in IEEE Intercloud Testbed  
last activity 14 weeks ago

#### IEEE Intercloud Testbed People

Manage

#### Recent Discussions

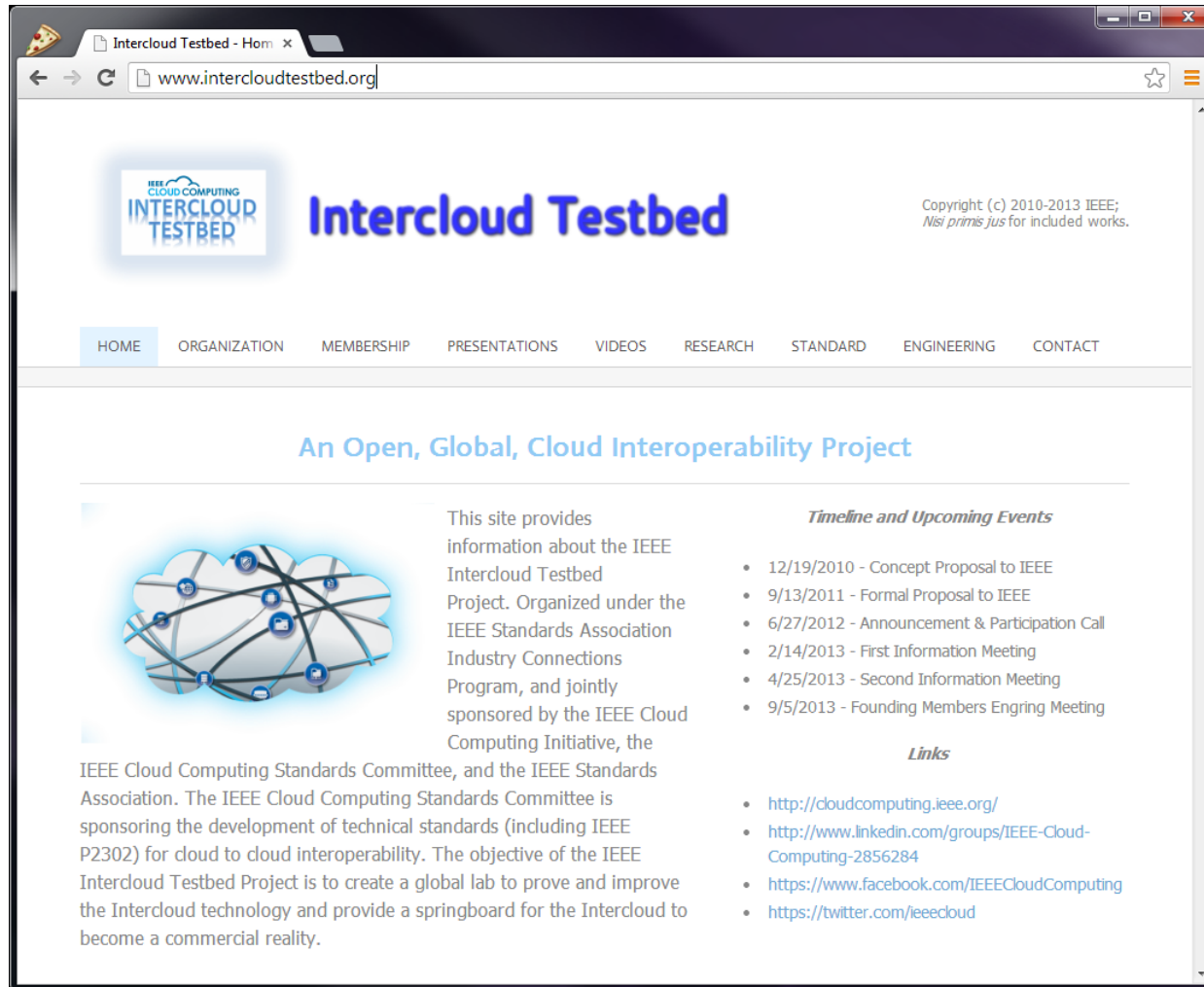
**Happy New Year** Jan 7  
Hello All I got some responses from the packages I sent, some questions, and several I need to ping I am putting a report together - will email soon David  
1 comment

**Email list for Intercloud Testbed IC activity** Jan 7  
Hi everyone, The email alias for the IC activity Intercloud Testbed is now operational: [intercloud@standards.ieee.org](mailto:intercloud@standards.ieee.org) All messages sent to that address will be distributed to the entire roster of Intercloud Central Desktop workspace members, and archived in the Communications/General Email

<https://iee-sa.centraldesktop.com/intercloud/home>



# Temporary IEEE Intercloud Testbed Site



<http://www.intercloudtestbed.org/>



# Testbed Main Bootstrap Plan Timeline

1. Set up the Engineering Collaboration Site (Central Desktop Wiki).
2. Finish the Master Design and Chunk the Work-areas.
3. Recruit and Identify Resources to lead Work-areas.
4. Spec and Provision the Neutral Reference Root and Exchange locations.
5. Identify Local Labs
6. Do initial work per Work-area.
7. Stand up a First Root and some Protocol Test Jigs.
8. Stand up a First Exchange and have it talk to First Root.
9. Stand up Cloud to Exchange Functionality.
10. Member Cloud Join and Federate for use case.



# Testbed Main Bootstrap Plan Subject Areas

- 1) Completion of Master Technical Design Work
- 2) Collaboration, Source Code, Specs, Internal and Public Site(s)
- 3) Reference Root(s) Infrastructure, Physical and Networks
- 4) Reference Exchange(s) Infrastructure, Physical and Networks
- 5) Overall (Naming Part) Development and Policy/Procedures and Governance
- 6) Overall (Conversational Part) Development
- 7) Overall (Transport Part) Development
- 8) Overall (Trust/Identity Part) Development
- 9) Overall (Protocol/API Part) Development
- 10) Overall Root (Semantic Directory Part) Development
- 11) Overall Root (Audit Part) Development
- 12) Overall Root and Exchange (Deployment/Replication Part) Development
- 13) Reference Root (Integration of above services) Integration/Development
- 14) Overall Exchange (Solver/Arbitrage Part) Development
- 15) Reference Exchange (Integration of above services) Development
- 16) Portable Gateway (per Cloud OS flavor) Development
- 17) Use Case of IaaS Federation and Base Ontology, Implementation
- 18) Use Case of PaaS Federation and/or Specific Engine (ex, transcoding)