

Virtualization and Cloud Computing

BDNOG1

Introduction and Logistics

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UNIVERSITY OF OREGON



Instructor Team

Name	Organization
Brian Candler	NSRC
G Z Kabir	BDCOM
Sk. Shakil Ahmed	DBBL
Al Faruq Ibna Nazim	Link3
M D Shamsuzzaman	BDCOM

Logistics

- Wireless Network
 - SSID for this workshop is **NSRC5** (5GHz) and **NSRC24** (2.4GHz), and the key is “8888888888” – ten times the number 8
- Local Workshop Server (temp/not 24x7)
 - <http://ws.bdnog.org/>
- Permanent workshop documentation
 - <http://nsrc.org/workshops/2014/bdnog1>

Workshop Outline

Day	Topic
Monday	Intro to virtualization, KVM, LVM Ganeti installation
Tuesday	Storage and VM migration Ganeti configuration VM performance issues
Wednesday	Ganeti troubleshooting and web interfaces Cloud Computing Discussion and Presentations



Day Schedule

Time	Activity
0930-1100	Morning Session 1
1100-1130	Break
1130-1300	Morning Session 2
1300-1400	Lunch
1400-1530	Afternoon Session 1
1530-1600	Break
1600-1730+	Afternoon Session 2



Practical Exercises

- You will be working in pairs
 - one host between two people
 - host1..host15.ws.nsrc.org
 - preinstalled with Debian Linux
- and in clusters (three hosts per cluster)
 - gnt1..gnt5.ws.nsrc.org
- You will use an ssh client, e.g. putty.exe, to access the command line

Key for Success

Remember, this workshop is for you!

- If you do not understand or have questions, ask for clarification
- Please share your thoughts and experiences. They are valuable
- Take advantage of the event to meet your colleagues and build the “human network”



Questions

Do you have any questions?

Introductions