

Cloud Computing: OpenStack Implementation for setting up Private Cloud

Date: 27-28 August, 2015

Venue: C-DAC Knowledge Park, Bangalore-560038

About C-DAC:

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization for the design, development and deployment of world class electronic and IT solutions for economic and human advancement under the aegis of Department of Electronics and Information Technology (DeitY), Ministry of Communications & Information Technology. The Journey of C-DAC in HPC begins with the renowned indigenous design and development of PARAM series of supercomputers in 1980s. The National Grid GARUDA an initiative to provide a single platform for programmers to access the aggregated computing power of India in 2000s and the National Supercomputing Mission a vision to leapfrog into the league of world class computing in 2015

About Workshop:

Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned. OpenStack is a cloud operating system that controls large pools of compute, storage, and networking resources throughout a datacenter, all managed through a dashboard that gives administrators control while empowering their users to provision resources through a web interface.

Cloud Computing & OpenStack Training comprises of expert lectures and hands-on exercise to learn the concepts of Virtualization, Cloud Computing & OpenStack Cloud Middleware. The training will help System Administrators and Cloud adopters with complete Cloud and OpenStack understanding, deployment requirements and issues.

Centre for Development of Advanced Computing (C-DAC) is conducting two day workshop on "OpenStack Implementation for Private Cloud" at C-DAC, Bangalore for System Administrators and Cloud adopters.

Course Details

- Introduction to Virtualization and Cloud technology
- OpenStack architecture deep dive
 - ❖ Core services: Keystone, Glance, Nova and Neutron
 - ❖ Additional service: Cinder, Swift and Horizon
- Application enablement on cloud
- Cloud Security

Pre requisites

The Training is for participants who have better understanding of Linux OS, Network stack and working experience in basic command line operations.

Who can attend?

- Cloud adopters
- Network/System Administrators
- Cloud Enthusiasts
- Application developers and Testers

Accommodation

Outstation candidates need to arrange their own accommodation. For information about hotels/guest house near the venue, contact

Mr. Muthukumar

Senior Admin Officer, C-DAC

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Registration :(Registration includes lunch and tea.)

	Early Bird	After August 20 th
Industry / Corporate	Rs.5,000	Rs.6,000
Government / Faculty / PSU	Rs.4,000	Rs.5,000
Post Graduate / PhD Students (Full-time)	Rs.2,000	Rs.2,000

Mode of payment:

- Registration fee should be sent through **DD in favor of 'C-DAC, Bangalore', payable at Bengaluru** along with the completely filled online registration form available at <http://goo.gl/forms/0UaaMdlIG0>
- Details of Bank Account for transfer of Funds through NEFT

Bank details for NEFT	
Account Name	C-DAC, BANGALORE
Name of the Bank	STATE BANK OF MYSORE
Branch / Address of Bank	NGEF Branch
Account No:	54005316791
Account type:	SAVING
IFSC of Bank:	SBMY0040223
MICR code of Bank:	560006053

- Last Date for Registration: **24th Aug 2015**
- DD should reach by **August 25, 2015** to the following address:
Event Coordinator, Data Science Workshop
C-DAC Knowledge Park, No.1, Old Madras Road,
Byappanahalli, Bengaluru - 560038, India
- Participants are requested to make their own arrangements for transportation and accommodation.
- Limited Seats. Early registration is encouraged.

Workshop Co-ordinator:

Mr Natraj AC

Joint Director,

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