



FEB 25
5pm



PLUMGRID ISB

SPEAKERS



Hassaan Ali
Orchestration with
Openstack Heat



Muneeb Ahmad
Breaking the ice with
Neutron



Moiz Arif
Accelerating
Openstack Neutron



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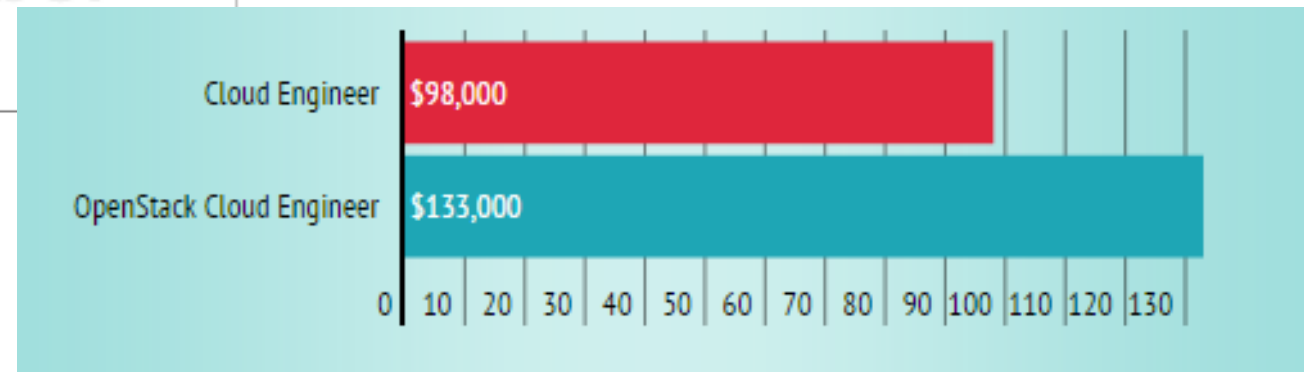
PLUMgrid: Safwan Khan, Pere Monclus

Started as a PTA-backed proposal for capacity building



OpenStack engineers make 36% more than other cloud engineers.

Src: <http://www.datacenterdynamics.com/>



Now a PTA and MoIT&T backed group

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An Initiative by PTA and MoIT



openstack™
Pakistan



In collaboration with PLUMgrid, Inc.



<http://pta.gov.pk/openstackweb/intro.html>

Introduction

The IT and networking industry are currently looking at private cloud and Software Defined Networking (SDN) as the two most exciting trends. All indicators are that ISPs, network and Telecom operators as well as any large to mid-size enterprise will move to internalize these new paradigm, within the next two-to-three years.

This excitement stems from the flexibility, security, cost-effectiveness, and rapid service delivery that is possible from a customizable private cloud. While a private cloud provides secure and scalable compute power for any enterprise needs, the ability to manage and setup such clouds requires extensive expertise in managing the several different components of a cloud: compute instances, their images, storage, networking, and monitoring. Public cloud offerings provide an expensive solution, an order of magnitude more than Private cloud according to latest market research [1], while commercial Private cloud solutions result in possible vendor lock-in.

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Pakistan

We have started a government backed push to introduce OpenStack within the Pakistani community of students, network engineers, and Telecom Operators. This effort is result of PTA (Pakistan Telecom Authority) trying to establish awarness in Cloud, NFV, and SDN related efforts. We have acquired funding to start holding training workshops (Non-profit) to anyone willing and getting an official sanction from the foundation would be the right way forward.

TWITTER (HANDLE)

openstack_isb

WEBSITE

<http://www.pta.gov.pk/openstackweb/index.html>

FACEBOOK

<https://www.facebook.com/OpenStackPakistan/>

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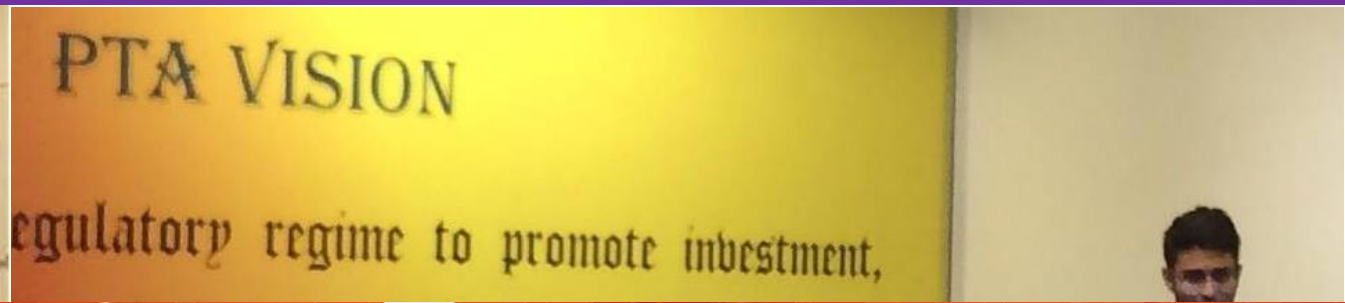
Organizers



Workshops and Tutorials



Islamabad October 21, 2015 : Dr.Affan A. Syed, Director Engineering at PLUMgrid giving presentation on "Cloud Computing" here at PTA Headquarters. Chairman PTA Dr. Syed Ismail Shah also seen in the picture.



Talk

January 7, 2015

3:30 PM - 5:30 PM

PTA, Islamabad

Openstack Pakistan brings you a talk on **Network Functions Virtualization - Technology Enabler for 5G Networks** by **Dr. Faqir Zarrar Yousaf**, Research Scientist at NEC Labs, Europe.

Overview

This talk will provide an overview of the 5G requirements and the bottlenecks in the existing networks, especially in mobile networks, that prevent the realization of these requirements. It is this context Network Functions



Ministry of Information

Muneeb Ahmad: Breaking the Ice with Neutron

Overview of OpenStack
Networking and Neutron.

How Neutron can we
customize it using plugins
and extensions?

Ministry of Information Technology
for Telecom

openstack
Pakistan User-Group

PTA

TALK ON
BREAKING THE ICE WITH NEUTRON
BY MUNEEB AHMAD

SPEAKER BIO

Senior Design Engineer at PLUMgrid Inc with over three years of experience in implementing software-defined networking (SDN), high availability, distributed systems and APIs. An active member of the OpenStack community, with contributions in the networking ecosystem, focused primarily on Neutron project in OpenStack.

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Moiz Arif: Accelerating OpenStack Neutron

The performance bottlenecks in a virtualized environment and how to increase performance with focus on OpenStack Neutron.

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TALK ON
ACCELERATING OPENSTACK NEUTRON
BY MOIZ ARIF



SPEAKER BIO

Moiz Arif has been working on Openstack for over 3 years now. He completed his Bachelors from FAST-NU and his masters from SEecs-NUST. He worked for Huawei Technologies, xFlow Research & Colossal Solutions. He has also worked in the domain of Big Data Analytics and Computer Networks.

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Hassaan Ali: Orchestration with Openstack Heat

What is Orchestration and why we do it? Heat and its basics.

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TALK ON
ORCHESTRATION WITH OPENSTACK HEAT
BY HASSAAN ALI



SPEAKER BIO

Hassaan Ali is a Design Engineer at xFlow Research. He is currently working in their NFV Division. He is graduate from NUST SECS.

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