Software Defined Networking (SDN)

One day workshop and seminar

December 20th 2014

Background

CSI Trivandrum chapter would like to associate themselves with ThoughtsArena, the Premier name in product outsourcing space, in conducting a Hands On Workshop on "**Software Defined Networking (SDN)**" for the general public. We are tentatively scheduling the Workshop at Technopark, Thiruvananthapuram on **<Date not finalized>** and are expecting around 30 participants from Industry, Government and Academia.

Coverage – Workshop Index

- Current Stage of Networking Industry, solutions and frameworks
  - Challenges with current networking design
  - Complexities involved in provisioning and administration of traditional networks
  - What needs to change
- What is Software Defined "Everything"
  - Software Defined Data Center
  - Software Defined Enterprise
  - Importance of automation in networks
- What is Software-Defined Networking (SDN)?
  - What are the business problem it solves?
- Introduction to Network Virtualization (NV)
  - What is Network Function Virtualization (NFV)
  - How does NV and SDN relates

- SDN Evolution
  - Past, Present and Future
- SDN Architecture and components
- SDN Deployment Models
- Controller based Networking
  - How, Why, What - OpenFlow
- SDN Open source and Commercial Products
- Use Cases – Future and Present
- SDN Adoption Approach
- New Skillset, New approach, new tools
- Demo of few well knows solutions
  - Neutron in Openstack
  - Open Daylight
  - VMware NSX

What you get by attending this workshop?

- Is SDN – a hype or reality
- How the networking industry is changing and how it will affect you as a network engineer?
- Understand SDN, Network Virtualization and its ecosystem
- Understand the key drivers for SDN
- SDN Architecture and components
- Compare SDN with current networking technologies
- How, Why and What of SDN Deployment Models
- Introduction to the SDN ecosystem
- Future of SDN
- How you can start adopting SDN
- See some of the cutting edge products and its features through demo
- Figure out whether SDN is a promising career path

Panel

Anshad Ameenza – Cloud | Automation | SDN | Virtualization | SDDC Architect & Consultant

- 11+ Year experience in Data Center, Networking, Infrastructure, Cloud, Virtualization
- Vast experience in new generation technologies and philosophies
- In-depth experience in entire life cycle of Private/Public/Hybrid cloud implementation
- Strong expertise in SDN, NFV, NV, SDDC
- Design experience of various Hosting Platforms and Cloud Ecosystems
- Worked on some of the best and biggest cloud and infrastructure roll-outs in the industry
- Designed and Built Public, Private and Hybrid cloud architectures for MNC's
- Experience in IT Strategy, IT planning, IT enabled business services
- Strong knowledge and experience on Products from VMware, Microsoft, Amazon, Virtuozzo, Citrix, Openstack, Oracle, EMC, Netapp, Docker, RedHat etc.

Linked-In Profile

Associated with

CNC CONNECTIVITY SANS END. | THOUGHTS arena | EY | ERAM Technologies Leading through Innovation | EMC² | intuit | NOKIA | hp | SunTec | EMKE GROUP

Workshop Model

- 8:15 AM
  - Registration: (projector setup, internet connectivity testing)
- 8:45 AM
  - Inauguration
  - 15 Minute duration (where an eminent personality in IT field talks about the session, ThoughtsArena and CSI in general)
  - Prayer.
- 9 AM
  - Session Start: (Pre-Tea)
- 10:30 AM
  - Networking Tea Break: (15 minutes, tea and snacks could even be served at desk)
- 10:45 AM
  - Post Tea Session
- 1 PM
  - Power Lunch Break: (Buffet)
- 2 PM
  - Post Lunch Session
- 3:30 PM
  - Networking Tea Break: (15 minutes, tea and snacks could even be served at desk)
- 3:45 PM
  - Post Tea Session
- 5 PM
  - Conclusion/Summary:
  - A brief presentation on Partners (ThoughtsArena, CNC)

Partner Introduction

ThoughtsArena Solutions Pvt Ltd is a nimble and agile technology company providing solutions to global corporations; enabling clients leverage technology as a brand differentiator. We believe that innovation, partnership mindset and end customer focus creates highest value to our clients.

www.thoughtsarena.com

CNC Pvt. Ltd. is a well known name in the IT industry which has years of expertise in the field of IT/Technology infrastructure. We have designed, implemented and supported some of the largest and most efficient IT infrastructure solutions for public and private enterprise. Currently we focus majorly on large scale government projects. Our specialization is in Networking, Data Center, cloud, infrastructure solutions.

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Thank You