UNICAMP - State University of Campinas
School of Electrical and Computer Engineering (FEEC)
Department of Computer Engineering and Industrial Automation

Date: Mar 05, 2015 **Working Plan:** #2
WP Period: Mar 08, 2015 - Mar 19, 2015 **Review DL:** mmm dd, 2015
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Advisor: Christian Esteve Rothenberg

Report

* Last WP pendings subjects:
Last WP as mostly completed, but there was some activities related to get a bigger proficiency in Phython that wasn't completed. In the meanwhile I found some new material about this subject, so I decided to replace the older pending content by this new one.

* About papers to read:
About the papers, I give an expecial priority to new NFV readings, in order to synchronize my knowledge to the state of art of this technology. Also, I give one whole week to an very complete SDN survey. I purposely left some gaps in the articles schedule, in order to fill them after with related studies.

*About practical activities:
Along with getting a grater proficiency in Python, I'm going study two network simulatores: Mininet and Mini-CCnx.

Motivations:

* Improve the knowledge on modern networking tenologies;
* Gain skills to understand the core of CCN technology and be capable to add new functionalities to Mini-CCNx project;
* Security as a key-point to network's technologies.

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Week Work Plan

	Tasks	Status	Week 03/08	03/15	03/22	03/29	04/05	04/12
Papers to reed								
01.	Network Function Virtualization: Chalenges and Opportunities for Innovations	To do	■					
02.	Network Virtualization in Multi-tenant Datacenters	To do	■					
03.	ClickOS and the Art of Network Function Virtualization	To do		■				
04.	NetVM: High Performance and Flexible Networking Using Virtualization on Commodity Platforms	To do		■				
05.	OpenNF: Enabling Innovation in Network Function Control	To do			■			
06.	(open)	To do			■			
07.	Software-Defined Networking - A Comprehensive Survey	To do				■		
08.	(open)	To do					■	
09.	(open)	To do					■	
Practical Activities								
10.	Practice Python. Resources: * Book: Python para desenvolvedores * Web: www.codecademy.com	To do	■	■	■	■	■	
11.	Practice Mininet simulator. Resources: * mininet.org	To do	■	■				
12.	Practice MiniCCNx simulator. Resources: * github.com/chesteve/mn-ccnx/wiki	To do			■	■		
Result Report								
20.	Presentation of WP Results	To do						■

Anderson dos Santos Paschoalon

Thursday 5th March, 2015