

Meeting Notes 3-27-14

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wg-SDN call notes 3/27/2014

Attending:

Dan Schmiedt -- willys@clemson.edu

Michael Lambert - lambert@psc.edu

Michael Van Norman -- mvn@ucla.edu

Kevin Mayeshiro - kmayeshiro@ucdavis.edu

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Dave Pokorney - dave.pokorney@flrnet.org

Heidi Picher Dempsey hpd@bbn.com

Agenda:

1) Agenda Bash

2) GEC19 highlights & observations

"Programmable WANs" - on-demand path changes, etc.

E. Boyd reviewed Flow Space Firewall

3) Can SDN & flow managers (e.g., FSF) help solve the TR-CPS vs. R&E traffic conundrum?

4) wg-SDN face-to-face at I2 Global Summit

<http://groups.geni.net/geni/wiki/GEC19Agenda/ProgrammableWAN>

Still being tested and developed - available for volunteering experimenters

Reconfiguring of racks for jumbo frame support (trying it with some for testing now--not sure if we'll do more)

More info on VTS: <http://groups.geni.net/geni/attachment/wiki/GEC19Agenda/ProgrammableWAN/VTS.pdf>

And, this was the first one: <http://groups.geni.net/geni/attachment/wiki/GEC18Agenda/GeniSdnOffering/SDN%20Overlay.pdf>

GENI (GEC19) demo session: <http://groups.geni.net/geni/wiki/GEC19Agenda/EveningDemoSession>

Interconnection of testbeds: discussions between testbed representatives

No definition for SDN exchange yet: even GeorgiaTech vs StarLight is different

NSI + GLIF were there

Next GENI in UC-Davis at the same time with USIgnite

GENI is looking for suggestions from people about good groups to bring in at GECs for colocated sessions or joint demos, or similar work.

NTAC list discussions on TR-CPS vs R&E: can wg-sdn help?

1.3 deployment - better way to handle traffic with higher subscription levels

Degree of flexibility may be higher - how do members want their traffic to be treated?

QoS capabilities dependent on OF 1.3: L2 profiles feeding into L3 decisions on routers

Attach profiles to traffic - assess behavior expected vs observed

Testing in labs?

1.3 stuff does not exist yet.

Rate-limit traffic going into the controller

Users may not be interested in QoS necessarily

Deployment during 4thQ-1stQ15 planned by I2