LEARN DCN Story

Akbar Kara, Chief Technologist
Internet2 Member Meeting
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DCN Prototype Configuration

Typical Campus Domain
(AT&T Lab at University of Houston College of Technology)

ATTlab-idc-vlr
(single PC in ATT Lab
208.171.132.7)

ATTlab-switch
(3750 in ATT Lab
208.171.132.6 port24)

ATTLab-pc
208.171.132.5
NIC ether-1)

Notes:
Ssh to PC’s user is root password:5ew6q45Sng
Switches belnet from local NARS/PLSR:
User in Open, then 5ew6q45Sng for disable

LEARN (RON) Domain
(AT&T Lab at University of Houston College of Technology)

LEARN-idc-vlr
(single PC in ATT Lab
208.171.132.8)

LEARN-switch
(3750 in ATT Lab
208.171.132.9 port 24)

LEARN-pc
208.171.132.10
NIC ether-1)

11/2 Internet

I2 DCN Service Domain
Typical National DCN Service

I2-idc-vlr
(IDC (Web Gui)
xxxxx.xxx)

SETG 6509
(statically
passes vlan)

I2 Ciena

DCN SERVICE

University Of Houston
AT&T Lab
Management/Control/Data
Physical Path

RICE

SETG 6509 at RICE

Internet2

I2 Test PC
1001.12

www.tx-learn.net
Dynamic Services Demo
LEARN DCN

Lonestar Education & Research Network – Creating a Working Network

I2 DCN Service Domain
Typical National DCN Service

I2-idc-vlsr
IDC (Web Gui)
xxx.xxx.xxx

I2 Ciena

DCN SERVICE

Internet2 Greenspoint

Campus/User Set up

TBD

Learn IDC

Learn Beacon & Test PC

DATA PLANE

Management/Control/Data Physical Path

Inter-IDC Path

VLSR Path