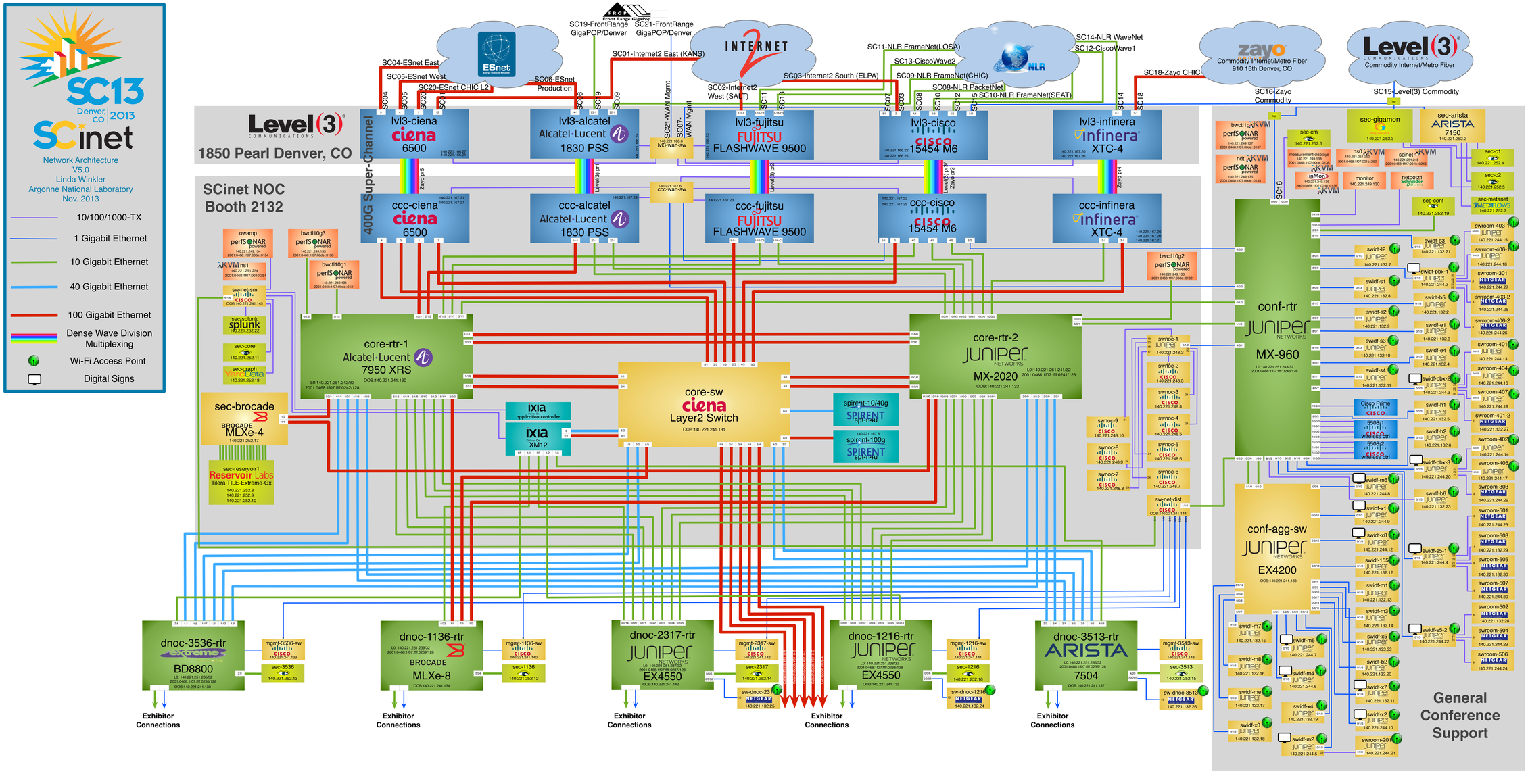
SC13 Denver, CO 2013
SCinet
Network Architecture
V5.0
Linda Winkler
Argonne National Laboratory
Nov. 2013
10/100/1000-TX
1 Gigabit Ethernet
10 Gigabit Ethernet
40 Gigabit Ethernet
100 Gigabit Ethernet
Dense Wave Division Multiplexing
Wi-Fi Access Point
Digital Signs
Level(3) COMMUNICATIONS
1850 Pearl Denver, CO
SCinet NOC
Booth 2132
400G Super-Channel
ESnet
SC04-ESnet East
SC05-ESnet West
SC20-ESnet CHIC L2
SC06-ESnet Production
SC19-FrontRange GigaPOP/Denver
SC21-FrontRange GigaPOP/Denver
SC01-Internet2 East (KANS)
INTERNET 2
SC02-Internet2 West (SALT)
SC11-NLR FrameNet(LOSA)
SC13-CiscoWave2
SC03-Internet2 South (ELPA)
SC09-NLR FrameNet(CHIC)
SC08-NLR PacketNet
SC10-NLR FrameNet(SEAT)
NLR
SC14-NLR WaveNet
SC12-CiscoWave1
SC18-Zayo CHIC
zayo
Commodity Internet/Metro Fiber
910 15th Denver, CO
SC16-Zayo Commodity
Level(3) COMMUNICATIONS
Commodity Internet/Metro Fiber
SC15-Level(3) Commodity
SC21-WAN Mgmt
SC07-WAN Mgmt
lvl3-ciena ciena 6500
lvl3-alcatel Alcatel·Lucent 1830 PSS
lvl3-fujitsu FUJITSU FLASHWAVE 9500
lvl3-cisco cisco 15454 M6
lvl3-infinera infinera XTC-4
ccc-ciena ciena 6500
ccc-alcatel Alcatel·Lucent 1830 PSS
ccc-fujitsu FUJITSU FLASHWAVE 9500
ccc-cisco cisco 15454 M6
ccc-infinera infinera XTC-4
core-rtr-1 Alcatel·Lucent 7950 XRS
core-rtr-2 JUNIPER MX-2020
core-sw ciena Layer2 Switch
conf-rtr JUNIPER MX-960
conf-agg-sw JUNIPER EX4200
sec-brocade BROCADE MLXe-4
ixia XM12
spirent-10/40g
spirent-100g
dnoc-3536-rtr BD8800
dnoc-1136-rtr BROCADE MLXe-8
dnoc-2317-rtr JUNIPER EX4550
dnoc-1216-rtr JUNIPER EX4550
dnoc-3513-rtr ARISTA 7504
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