losa-wan-cisco-1004
1004 OLS
LOSA
Los Angeles, CA
wash-wan-ciena-8190
8190
WASH
McLean, VA
peach-wan-ciena-ws5-1
Waveserver 5
180 Peachtree
Atlanta, GA
mar-wan-arista-switch
7280DR3A
mar-wan-ciena-rls
6500 RLS-R2
56 Marietta
Atlanta, GA
star-wan-ciena-ws5
Waveserver 5
STAR
Chicago, IL
losa-wan-ciena-ws5
Waveserver 5
LOSA
Los Angeles, CA
SCinet
Network Architecture
30 October 2024
Adam Bertsch
SCinet Architecture Chair
10 Gigabit Ethernet
25 Gigabit Ethernet
100 Gigabit Ethernet
400 Gigabit Ethernet
800 Gigabit Ethernet
Optical Line System
Wi-Fi Access Point
Routing
WAN
Edge/Wireless
DevOps
Security
SC24
Atlanta, GA | hpc creates.
scidmz-sec-palo-fw1
PA-7500
scidmz-sec-csco-fw2a
FPR 4245
scidmz-sec-csco-fw2b
FPR 4245
scidmz-sec-csco-fw2c
FPR 4245
scidmz-sec-csco-fw2d
FPR 4245
scidmz-sec-fort-fw4
FG 4801F
AS401015
scidmz-rtr-noka-1
7750 SR-1se
AS401015
scidmz-rtr-jnpr-2
PTX10002-36QDD
scidmz-sw-noka-3
7250 IXR-Xs
scidmz-cluster
Cisco 3232C (2)
Omni-Path Spine (2)
Omni-Path Leaf (3)
VAST Scratch
MGMT (2)
DTN (1)
Login (2)
Compute (32)
scidmz-sw-arst-2
7060X6-64PE
scidmz-sw-arst-1
7060X6-64PE
ps-scidmz
perfSONAR
noc-wan-polatis
noc-wan-ciena-ws5-1
Waveserver 5
noc-wan-arista-switch
7280DR3A
noc-wan-ciena-rls
6500 RLS-R2
noc-wan-ciena-agg-switch
8190
noc-wan-infinera-mtc6
MTC-6
noc-wan-cisco-1004
1004 OLS
noc-wan-ciena-ws5-2
Waveserver 5
ps-noc
perfSONAR
noc-svcsw-csco-1
N9K-C9316D-GX
CORNELIS
noc-sec-gravwell
gravwell
noc-sec-tapagg-2
7280DR3A-54
Network Taps
WC01 Tap
WC02 Tap
WC03 Tap
WC04 Tap
noc-sec-vectra-1
noc-sec-vectra-2
noc-sec-vectra-3
noc-sec-tapagg
7804R3
AS14031
noc-rtr-arst-2
7280DR3A-54
AS14031
noc-rtr-csco-1
8711-32FH-M
noc-sec-corelight
noc-sec-corelight
noc-sec-corelight
noc-sec-corelight
noc-sec-arista-service
noc-sec-arista-analytics
noc-sec-arista-recorder
noc-sec-arista-recorder
noc-sec-arista-analytics
noc-sec-arista-dmf-controller
noc-sec-arista-dmf-controller
noc-sec-arista-analytics
mgmt-dist-arst-2
7280SR3E-40YC6
mgmt-dist-arst-1
7280SR3E-40YC6
noc-rack1-sw-1
720DP-48S-2
noc-rack2-sw-1
720DP-48S-2
noc-rack3-sw-1
720DP-48S-2
noc-rack4-sw-1
720DP-48S-2
noc-rack5-sw-1
720DP-48S-2
noc-rack6-sw-1
720DP-48S-2
noc-rack7-sw-1
720DP-48S-2
noc-rack8-sw-1
720DP-48S-2
Aruba ClearPass
Aruba Mobility Conductor
arubaos8-2
9240
noc-stage-arista
7280R3
arista-7050P-1
arista-7050P-2
arista-7050P-3
arista-7050P-4
7280P-48S-2
SoX
Southern Crossroads
Arelion
AS14031
conf-rtr-jnpr-1
MX304
mdf-netsec-conf-fw1
SRX 4300
mdf-netsec-conf-fw2
SRX 4300
mdf-rack-sw-1
720DP-48S-2
Pe-conf
perfSONAR
WC01 Tap
WC02 Tap
Network Taps
Aruba Mobility Conductor
arubaos8-1
9240
Aruba ClearPass
conf-sw-arista-1
7280R3
conf-sw-arista-2
7280R3
conf-sw-aruba
CX 10000
pbx-sec-tappagg-100g
7280SRA-48C6
pbx-sec-corelight
corelight
scinet-8
3400
scinet-9
3400
Student Cluster Challenge
pier-7
pier-8
pier-9
pier-10
pier-11
pier-12
pier-13
pier-14
pier-15
pier-16
pier-17
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pier-38
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pier-40
pier-41
pier-43
pier-44
pier-45
pier-46
pier-47
pier-48
scinet-1
scinet-2
scinet-3
scinet-4
scinet-5
scinet-6
scinet-7
roadie-sw
console-svr-1
ns0
ns1
its3
its4
Virtualization
its0
its1
its2
DevOps VMs
inMon
perfSONAR
LibreNMS
netdisco
GitLab
DNS64
Grafna
meas-displays
Oxidized
CUPS
DHCP
scinet
syslog
XYMon
NetSec VMs
Black Hole Router
Syslog
Corero VM Cluster
CCLD NOC
SCinet
Science DMZ 2149
SCinet
NOC 2149
Ciena
FABRIC
NICT
StarLight
wan-dci-cisco-mux
star-wan-cisco-dci-1004
NCS 1004
STARLIGHT
Caltech
wan-dci-nokia-mux
caltech-wan-dci-nokia
1830 PSI-M
Caltech
PSNC
noc-wan-cisco-dci-1004
NCS 1004
wan-dci-cisco-mux
starlight-wan-dci-nokia
1830 PSI-M
wan-dci-nokia-mux
SCinet DNOC 635
dnoc635-sw-csco-1
N9K-C93180YC-EX
dnoc635-sw-noka-2
7220 IXR-D2
ps-dnoc-635
perfSONAR
pier-1
SCinet DNOC 1318
dnoc1318-sw-csco-1
N9K-C93180YC-EX
dnoc1318-sw-jnpr-2
QFX5120-48Y
ps-dnoc-1318
perfSONAR
pier-2
SCinet DNOC 2121
dnoc2121-sw-jnpr-1
QFX5120-48Y
dnoc2121-sw-noka-2
7220 IXR-D2
ps-dnoc-2121
perfSONAR
pier-3
SCinet DNOC 3318
dnoc3318-sw-noka-1
7220 IXR-D2
dnoc3318-sw-arst-2
7280SR3E-40YC6
ps-dnoc-3318
perfSONAR
pier-4
SCinet DNOC 4040
dnoc4040-sw-arst-1
7280SR3E-40YC6
dnoc4040-sw-csco-2
N9K-C93180YC-EX
ps-dnoc-4040
perfSONAR
pier-5
SCinet DNOC 4620
dnoc4620-sw-jnpr-1
QFX5120-48Y
dnoc4620-sw-arst-2
7280SR3E-40YC6
ps-dnoc-4620
perfSONAR
pier-6