

WAN Connectivity provided by
Qwest
ride the light

Local Fiber Access provided by
AT&T

AC to DC Electrical Conversion provided by
Marconi

ARL/ Teraburst

Energy Sciences Network
140.221.xxx.yyy/30 to Core-Rtr-1

ESnet
140.221.xxx.yyy/30 to Core-Rtr-1

NGIX-East
140.221.xxx.yyy/30 to Core-Rtr-2

NERSC/ LBNL
140.221.xxx.yyy/30 to Core-Rtr-2

Abilene
140.221.xxx.yyy/30 to Core-Rtr-2

NRL

SCinet 2002 V4.2

Legend

- PoS
- ATM
- Ethernet - 1 Gg
- Ethernet - 10 Gg
- DWDM

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1500 Eekington Place
Washington, D. C.

WS3234
LuxN
WAN-MUX-2

111 Market Place
Baltimore, MD

WS3217
LuxN
WAN-MUX-3

Commodity Internet Service provided by
Qwest
ride the light

LuxN DWDM service to Baltimore Convention Center

Bandwidth Challenge Participants

BWC-Sw-1
Force10
E800

WS3234
LuxN
WAN-MUX-1

X-MUX-1
FMA-32
Marconi

X-MUX-2
FMA-32
Marconi

X-MUX-3
FMA-32
Marconi

ATM-Sw-1
ASK-4000
Marconi

DWDM Ring

Core-Rtr-1
LO - 140.221.xxx.yyy/32
T640
INTERNET ROUTING NODE

Core-Rtr-2
LO - 140.221.xxx.yyy/32
T320
INTERNET ROUTER

Sw-Rtr-1
LO - 140.221.xxx.yyy/32
Cisco Systems Catalyst 650x
24 x 10GgE
32 x 1GgE
24 x 100-FX

Distributed NOC #1
Booth #3514

100/1000/10000 Ethernet to Exhibitors

RingA-Mux2
Ciena xxx
CIENA
Simply Smarter Light

Sw-Rtr-2
LO - 140.221.xxx.yyy/32
Cisco Systems Catalyst 650x
24 x 10GgE
32 x 1GgE
24 x 100-FX

Distributed NOC #2
Booth #1767

100/1000/10000 Ethernet to Exhibitors

RingA-Mux3
Ciena xxx
CIENA
Simply Smarter Light

Sw-Rtr-3
LO - 140.221.xxx.yyy/32
Cisco Systems Catalyst 650x
24 x 10GgE
32 x 1GgE
24 x 100-FX

Distributed NOC #3
Booth #1943

100/1000/10000 Ethernet to Exhibitors

RingA-Mux4
Ciena xxx
CIENA
Simply Smarter Light

RingA-Mux1
Ciena xxx
CIENA
Simply Smarter Light

RingB-Mux1
Cisco Systems ONS 15540

RingB-Mux4
Cisco Systems ONS 15540

Sw-Rtr-5
LO - 140.221.xxx.yyy/32
Cisco Systems Catalyst 650x
24 x 10GgE
32 x 1GgE
24 x 100-FX

Distributed NOC #5
Booth #316

100/1000/10000 Ethernet to Exhibitors

RingB-Mux3
Cisco Systems ONS 15540

RingB-Mux2
Cisco Systems ONS 15540

RingB-Mux3
Cisco Systems ONS 15540

Sw-Rtr-4
LO - 140.221.xxx.yyy/32
Cisco Systems Catalyst 650x
24 x 10GgE
32 x 1GgE
24 x 100-FX

Distributed NOC #4
Booth #1327

100/1000/10000 Ethernet to Exhibitors

Central NOC Booth #xxx

Conference Network

Conf-Rtr
LO - 140.221.xxx.yyy/32
Cisco Systems GSR-12410
2 x 10GgE
10 x 1000-FX
10 x 1000-LX

Conf-Sw
LO - 140.221.xxx.yyy/32
Force10
E800

SWDF-300H
Cisco
2950-24
140.221.xxx.yyy/24

301-302 - Ad Hoc Room
304-305 - Speaker Prep Room
306 - Speaker Breakout Room
307 - Tutorial # 1
308 - Tutorial # 2
309 - Ad Hoc Mtg Rm

SWDF-300G
Cisco
2950-24
140.221.xxx.yyy/24

310 - Tutorial # 3
311 - Tutorial # 4
312 - Jambalaya Office
313 - HVC Games Office
314 - Ad Hoc Mtg Rm

SWDF-300F
Cisco
2950-24
140.221.xxx.yyy/24

315 - Tutorial # 5
316 - Tutorial # 6
317 - Tutorial # 7
318-319-320 - Tutorial # 8

SWDF-300N-1
Cisco
2950-24
140.221.xxx.yyy/24

321-322 - Tutorial # 9
323 - Single Office
324-325-326 - Tutorial #12
327 - Student Volunteer Office
328 - AV Storage
329 - Media Office

SWDF-300N-2
Cisco
2950-24
140.221.xxx.yyy/24

330 - Media Interview Rm
331 - PC Rentals
332 - Infrastructure Office
333 - Packet Staffing Area
334 - Tutorial # 11

SW-EDU-340
Cisco
2950-24
140.221.xxx.yyy/24

329 - Committee Mtg Rm
327-328 - Committee Office
334 - E-Mail Rm
340 - Edu Prog Auditorium
Registration Stores
IEEE - ATCM
Intelligence Booth

SW-EMAIL
Cisco
2950-24
140.221.xxx.yyy/24

SW-OFFICE
Cisco
2950-24
140.221.xxx.yyy/24

SWDF-400
Cisco
2950-24
140.221.xxx.yyy/24

341-342 - Ad Hoc Room
343-344 - Education Program Office
345-346 - Education Program Classroom

SWDF-100E
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-346
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-347
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-348
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-349
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-350
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SWDF-300S
Cisco
2950-24
140.221.xxx.yyy/24

341-342 - Education Program Auditorium
343-344 - Education Program Office
345-346 - Education Program Classroom

SW-EDU-340
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-341
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-342
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-343
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-344
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

SW-EDU-345
Cisco
2950-24
140.221.xxx.yyy/24

347 - Media Interview Rm
348 - PC Rentals
349 - Infrastructure Office
350 - Packet Staffing Area
351 - Tutorial # 11

NetOptica Tap
IDS System

ISP-Rtr
LO - 140.221.xxx.yyy/32
7400
CISCO SYSTEMS
INTEGRATED GENERATION*

DS-3
WAN-MUX-4
WS3202
LuxN