



LBLnet Logical-Overview

User-Services Subnets

- 128.3.48.1 Buildings 77 / 31
- 128.3.121.1 50B-1217A-Perlmutter
- 128.3.132.1 Buildings 4/5/25/25A/44A/44B
- 128.3.180.1 Buildings 70A
- 131.243.1.1 NRG
- 131.243.4.1 Node 1 VOIP
- 131.243.28.1 Buildings 70
- 131.243.36.1 Building 51
- 131.243.120.1 Building 14
- 131.243.129.1 Building 50A TSC Services
- 131.243.210.1 Buildings 17/26/27/53/75/75B
- 131.243.224.1 Buildings 74/77/83
- 131.243.248.1 Buildings 48/85/85B

- 128.3.9.1 Building 50A-3 / 50C
- 131.243.28.1 Buildings 70
- 131.243.96.1 Buildings 7/16/76
- 131.243.126.1 Building 972-K-Base
- 131.243.164.1 Building 50B-2265
- 131.243.172.1 Building 69
- 131.243.220.1 VPN Service
- 131.243.232.1 Building 976-JCAP
- 131.243.250.1 50A-1156 LBLnet

- Long Range Eth-TUTS**
- 128.3.36.1 Monitoring devices off node 2

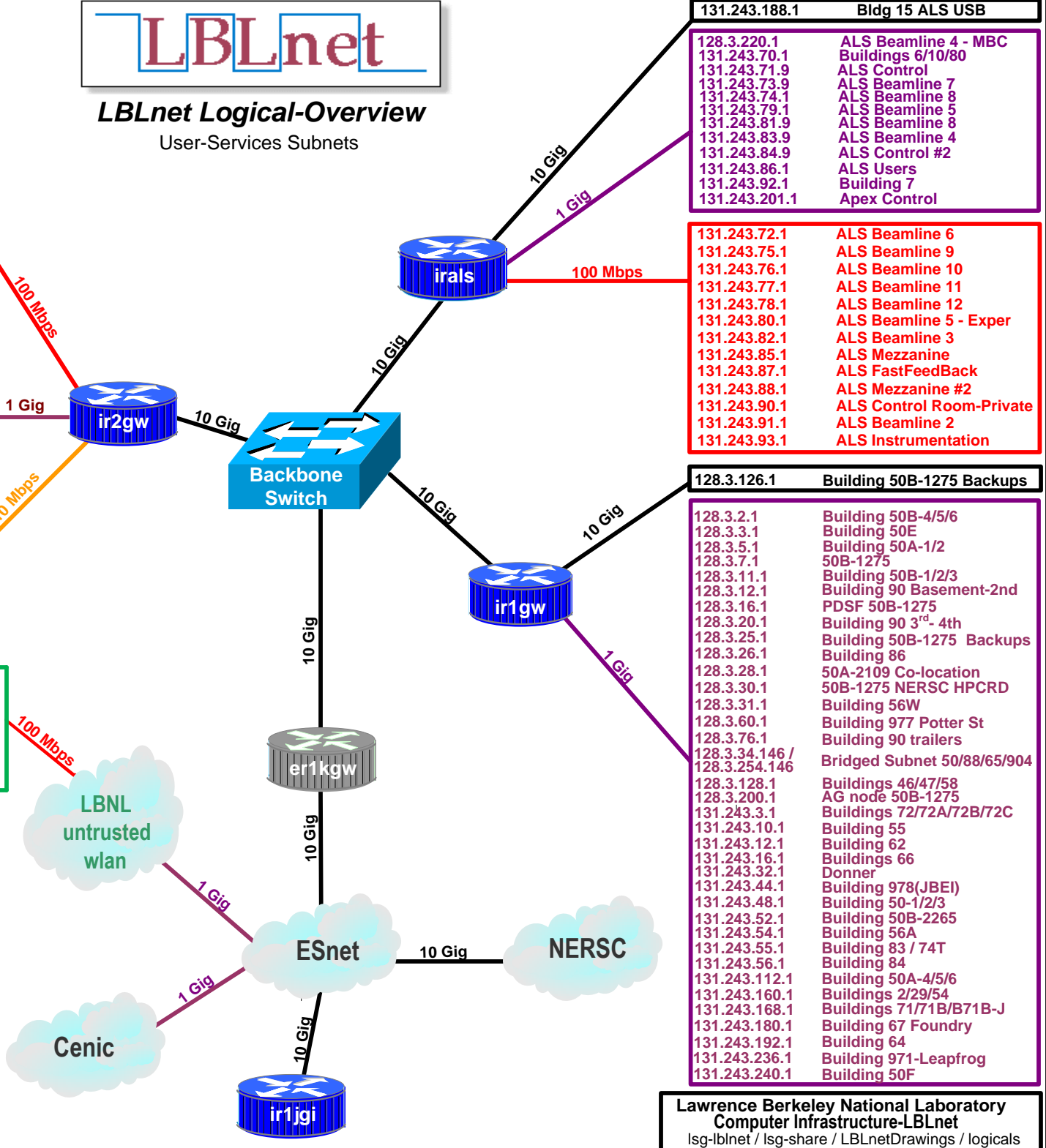
- 198.128.24.0/22 Untrusted Wireless LAN**
- Bldgs: 1,2,4,5,6,7,16,41,46,46A,46D,47,48,50,50A,50B,50C,50E,50,53,54,55,56A,58,58A,62,64,65,66,67,69,70,70A,71,71B,72,72C,75,75A,76,77,77A,83,84,86,90,90F,90H,90J,90K,90P,977,978

- LBLnet Class B Trusted Wireless LAN**
- Bldgs: 1,4,5,14,15,26,46,46B,50B,50E,56,56A,62,64,65,66,67,69,70,70A,71,71J,75,76,77,77A,83,84,86,90,90F,90H,90J,90K,90P,971,976,977,978

* Please note that wireless connectivity within these buildings do not offer complete coverage throughout

LEGEND

- 10 Mbps
- 100 Mbps
- 1 Gig
- 10 Gig
- Cisco Router
- Cisco Switch
- Force 10 Router



- 131.243.188.1 Bldg 15 ALS USB
- 128.3.220.1 ALS Beamline 4 - MBC
- 131.243.70.1 Buildings 6/10/80
- 131.243.71.9 ALS Control
- 131.243.73.9 ALS Beamline 7
- 131.243.74.1 ALS Beamline 8
- 131.243.79.1 ALS Beamline 5
- 131.243.81.9 ALS Beamline 8
- 131.243.83.9 ALS Beamline 4
- 131.243.84.9 ALS Control #2
- 131.243.86.1 ALS Users
- 131.243.92.1 Building 7
- 131.243.201.1 Apex Control

- 131.243.72.1 ALS Beamline 6
- 131.243.75.1 ALS Beamline 9
- 131.243.76.1 ALS Beamline 10
- 131.243.77.1 ALS Beamline 11
- 131.243.78.1 ALS Beamline 12
- 131.243.80.1 ALS Beamline 5 - Exper
- 131.243.82.1 ALS Beamline 3
- 131.243.85.1 ALS Mezzanine
- 131.243.87.1 ALS FastFeedBack
- 131.243.88.1 ALS Mezzanine #2
- 131.243.90.1 ALS Control Room-Private
- 131.243.91.1 ALS Beamline 2
- 131.243.93.1 ALS Instrumentation

- 128.3.126.1 Building 50B-1275 Backups
- 128.3.2.1 Building 50B-4/5/6
- 128.3.3.1 Building 50E
- 128.3.5.1 Building 50A-1/2
- 128.3.7.1 50B-1275
- 128.3.11.1 Building 50B-1/2/3
- 128.3.12.1 Building 90 Basement-2nd
- 128.3.16.1 PDSF 50B-1275
- 128.3.20.1 Building 90 3rd, 4th
- 128.3.25.1 Building 50B-1275 Backups
- 128.3.26.1 Building 86
- 128.3.28.1 50A-2109 Co-location
- 128.3.30.1 50B-1275 NERSC HPCRD
- 128.3.31.1 Building 56W
- 128.3.60.1 Building 977 Potter St
- 128.3.76.1 Building 90 trailers
- 128.3.34.146 / 128.3.254.146 Bridged Subnet 50/88/65/904
- 128.3.128.1 Buildings 46/47/58
- 128.3.200.1 AG node 50B-1275
- 131.243.3.1 Buildings 72/72A/72B/72C
- 131.243.10.1 Building 55
- 131.243.12.1 Building 62
- 131.243.16.1 Buildings 66
- 131.243.32.1 Donner
- 131.243.44.1 Building 978(JBEI)
- 131.243.48.1 Building 50-1/2/3
- 131.243.52.1 Building 50B-2265
- 131.243.54.1 Building 56A
- 131.243.55.1 Building 83 / 74T
- 131.243.56.1 Building 84
- 131.243.112.1 Building 50A-4/5/6
- 131.243.160.1 Buildings 2/29/54
- 131.243.168.1 Buildings 71/71B/71B-J
- 131.243.180.1 Building 67 Foundry
- 131.243.192.1 Building 64
- 131.243.236.1 Building 971-Leapfrog
- 131.243.240.1 Building 50F