Status of AppleTalk on Campus

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What is the Status of AT?

- Bug discovered in current code that corrupts vlan database
- Upgrade to newest code does not support AppleTalk routing in EIGRP
- Current code is 12.2(17)SXB6
- Latest code is 12.2(18)SXD4
- We also need functionality in latest code such as support for multicast in IPv6
- Industry is moving away from protocols such as AppleTalk and IPX
Appletalk Transport

University of Utah
Campus Backbone Network
Sample AT Routing Table

```
r1-lib#sh appletalk route
Codes: R - RTMP derived, E - EIGRP derived, C - connected, A - AURP
    S - static  P - proxy
146 routes in internet

The first zone listed for each entry is its default (primary) zone.

E Net 4146-4146 [2/G] via 33887.151, 998463 sec, Vlan920, zone sci
R Net 4323-4323 [1/G] via 10520.133, 5 sec, Vlan505,
    Zone: "Heritage Commons Labs"
E Net 4748-4748 [1/G] via 10520.133, 5 sec, Vlan505, zone MLMC
R Net 6473-8473 [2/G] via 33888.237, 689823 sec, Vlan920, zone Bioengineering
E Net 7381 [1/G] via 33887.151, 998463 sec, Vlan920, zone Bioengineering
E Net 8472 [2/G] via 33888.237, 689823 sec, Vlan921, zone Honors
R Net 8473-8473 [2/G] via 8269.235, 7 sec, Vlan189, zone humanities labs
R Net 8729-8729 [3/G] via 8269.235, 7 sec, Vlan189, zone communication
E Net 8781 [3/G] via 33887.151, 998463 sec, Vlan920, zone Bioengineering
E Net 8803-8803 [2/G] via 33887.151, 998463 sec, Vlan920, zone BIOPOLYMERS
C Net 8984-8984 directly connected, Vlan506, zone Dance
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Options for AT?

- Can still route DDP packets using RTMP within networks connected to the same node
- Migrate to IP for network connectivity across the CBN
- Remove it completely from the router if not needed any longer
- Support for AT is gradually dwindling
- Other Options?