Network Monthly Availability Report

Campus IP Network Backbone
During the period of July 1st, 2015 to July 30th, 2015, the campus network backbone was available 100% of the time represented by the green portion of the chart. Downtime is represented by red.1

Campus IP Internet Border
During the period of July 1st, 2015 to July 30th, 2015, the campus IP Internet Border was available 100% of the time represented by the green portion of the chart. Downtime is represented by red.2

Computer Center Datacenter
During the period of July 1st, 2015 to July 30th, 2015, the Computer Center Datacenter was available 99.99% of the time represented by the green portion of the chart. Downtime is represented by red.3

Administration Building Datacenter
During the period of July 1st, 2015 to July 30th, 2015, the Administration Building Datacenter was available 100% of the time represented by the green portion of the chart. Downtime is represented by red.4

Wireless switches and controllers
During the period of July 1st, 2015 to July 30th, 2015, the MSUnet Wireless network was available 100% of the time represented by the green portion of the chart. Downtime is represented by red.4

1 Availability in this context is an indication that sufficient Tier 1 switches were operational (no more than one down), and that no more than a single building’s Tier 2 elements were down. Of the downtime, 50% can be attributed to scheduled maintenance, 20% to equipment failure, and 30% to emergency changes.
2 Availability in this context is an indication that sufficient routers were operational (no more than one down). Of the downtime, 50% can be attributed to scheduled maintenance, 20% to equipment failure, and 30% to emergency changes.
3 Availability in this context is that the switches servicing the servers in the datacenter were up, and at least one of the firewalls in the datacenter was up and functioning. Of the downtime, 50% can be attributed to scheduled maintenance, 20% to equipment failure, and 30% to switch over outages.
4 Availability in this context is an indication that administration data center switches and routers were up, and forwarding traffic. Of the downtime, 50% can be attributed to scheduled maintenance, 20% to equipment failure, and 30% to emergency changes.