

Simple Problem Statement

- While residents in the South Quad on the first floor experience stable connection speeds, residents on floors 2-4 experience an unstable and shoddy connection due to the distance from the main server router in the basement.

Applicable Solutions

- Extension Routers
- Router Per Room
- Move the Main Service Router to the Middle Floor
- Limit network traffic
- Demolish the 2nd, 3rd, and 4th floors of South Quad (particularly Jalen's room)
- Ask the router to please be more stable (recommend a therapist)
- Just make a stronger router (duh)

Why

- Distance From Router

Detailed Problem Statement

In the South Quadrangle University of South Carolina Freshman Residence Hall, there are five floors within the building listed as the following: the basement, first floor, second floor, third floor, and fourth floor. The building residents on the second, third, and fourth floor have been complaining to the Resident Assistant that the connection to the internet is unstable and of poor-quality. This is believed to be due to the distance these floors are from the main server router.