

WISP (Wireless Internet Service Provider)

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- **Internet service provider (ISP)**, company that provides Internet connections and services to individuals and organizations. In addition to providing access to the Internet, ISPs may also provide software packages (such as browsers), e-mail accounts, and a personal Web site or home page. ISPs can host Web sites for businesses and can also build the Web sites themselves. ISPs are all connected to each other through network access points, public network facilities on the Internet backbone.
- A **wireless Internet service provider (WISP)** is an Internet service provider with a network based on wireless networking. Technology may include commonplace Wi-Fi wireless mesh networking, or a dongle.
- Since it is difficult for a single service provider to build an infrastructure that offers global access to its subscribers, roaming between service providers is encouraged by the Wi-Fi Alliances like dongle with the protocol WISPr, a set of recommendations approved by the alliance which facilitate inter-network and inter-operator roaming of Wi-Fi users. Modern wireless services have latency comparable to other terrestrial broadband networks.

- Connections that I had installed for various federal agencies OFTEN had to be “bulletproof”. They were multiply redundant. with several service entrances to the connected buildings, and taking different routes to different service providers. These connections provided hundreds of gigabytes per second combined capability, but because of redundancy, used no more than a third of that capacity so that multiple failed connections would have little effect on service.
- most university in the United States get there internet connection through a bid process from all available internet carriers in their area. the isps do not necessarily provide any equipment, just a connection to the internet.

- As per the three data plans given at cost of 2.5 INR per GB
 - Plan 1 costs INR 750 per month
 - Plan 2 costs INR 375 per month
 - Plan 3 costs INR 150 per month
- The cost of the additional GB charged is
- The assumed 2GB of data consumed per hour in watching a media using a streaming tool like Netflix for 1Hr is dependent on the quality and 1GB data to be consumed in playing a game for 1 Hr is based on the internet speed.

- For better customer service, a customer service executive to customer ratio of 2% needs to be maintained. I.e. For every 100 customers, we need 2 executives. Salary of INR 15,000 per month. It is acceptable as there will be less maintenance issues.
- All the costs for executives salaries, customer acquisition, monthly rentals for data center, administrative costs are agreeable.
- Dongle cost cannot be negligible though the dongle receives signal from anywhere in University.