New SuperNet Services since July 1, 2018

Most of the legacy services (re: from the initial contract) on SuperNet were based on using Multiprotocol Label Switching (MPLS) based Internet Protocol Virtual Private Networks (IP VPNs). These were retained in the new contract, but several other services and network requirements were added. These included ethernet (WAN based optical ethernet) and wavelength services[26].

As the latter two services require upgraded network devices to implement, they are not immediately available across the entire SuperNet network. Specifically, the wavelength service was initially available in Edmonton and Calgary, and outside of these two cities, was considered on a case-by-case basis[27].

Additionally, SuperNet was required to connect to all Internet Exchanges located in Alberta. Bell has fibre feeds and electronics located at both the Calgary (YYCIX) and Edmonton (YEGIX) exchanges. No peering requests from SuperNet customers have been made as of the writing of this report[28].

References

[26]SuperNet Network Services Contract (#288PA-22559) Schedule 02B.

[27]Interview with Bell SuperNet Contract Manager, 08 February 2021.

[28]Interview with Bell SuperNet Contract Manager, 12 February 2021.