

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

Docket UT-181051

Washington Utilities & Transportation Commission v. CenturyLink Communications, LLC

**RESPONSE OF PUBLIC COUNSEL TO CENTURYLINK
DATA REQUEST NO. 21**

Request No: 21
Directed to: Public Counsel
Date Received: September 23, 2022
Date Produced: October 7, 2022
Prepared by: Brian Rosen
Witnesses: Brian Rosen

DATA REQUEST NO. 21.

At page 3 (lines 3-5) of his Cross-Answering Testimony, Mr. Rosen asserts that SS7 “[u]sing an SS7 interconnect between two IP networks is highly unusual.” Identify and produce all data, industry reports, literature or other written guidance supporting Mr. Rosen’s assertion.

RESPONSE:

Mr. Rosen’s assertion is based on his professional experience. In Mr. Rosen’s experience, while it used to be common to use SS7 as an interconnect between two SIP systems, mostly because of differences in SIP signaling, this has become virtually extinct in new designs. For example, wireless networks used to interconnect with SS7, they now interconnect with SIP per 3GPP standards. Large enterprise VoIP systems used to connect with carriers with SS7, they now use SIP Forum SIP-Trunk interconnects.