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ConnectMT CPF Performance Testing Requirements

December 2024

This document details the ConnectMT ARPA Program's performance testing requirements. Network performance testing is just one of several closeout requirements.

Subrecipients will conduct performance testing and submit test results to ConnectMT according to the following process:

o   Upon notifying ConnectMT that the Subrecipient's project is ready for closeout, the Subrecipient will provide a full list of currently connected **active subscribers** in the project scope. The list will include each location's address, latitude and longitude as recorded in their Exhibit B-2. The Subrecipient will also identify the service offering speeds for each location.

o   ConnectMT will select locations within the subrecipient's project area for performance testing. ConnectMT will identify a minimum of ten (10) locations within the project area where the applicant has confirmed **active subscribers**.

o   The subrecipient will conduct speed and latency tests for each location selected by ConnectMT

o   Tests will be conducted, at a minimum, once per hour from 6:00 PM to 12:00 AM, for a minimum total of six tests per location

o   Tests will be conducted to the premises of the selected **active subscribers** from a remote test server located at, or reached by passing through, an FCC-designated Internet exchange point (IXP), which is any building, facility, or location housing a public Internet gateway that has an active interface to a qualifying Internet Autonomous System (ASN)[1]

o   Subrecipients must notify ConnectMT in writing of the completion of testing on the same day testing is completed. Subrecipients must submit test results to ConnectMT as soon as possible but no later than three calendar days after testing is completed.

o   Test results must conform to the following Performance Testing Specifications:

▪   At least 80% of the speed test results must be at a minimum of 80% of the speed tiers committed to in the subaward agreement for upload and download.

▪   At least 95% of latency measurements must be at or below 100 milliseconds round-trip time.

If none of the locations selected by ConnectMT subscribes to a top-tier speed offering, the subrecipient will include testing at a location that does subscribe to a top-tier speed offering. If there are no locations within the project area that subscribe to the top-tier service offering, the subrecipient will upgrade one of the locations selected by ConnectMT temporarily to allow for testing at the top-tier speed.

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[1] More information about acceptable test paths and remote server locations is available at https://www.usac.org/wp-content/uploads/high-cost/documents/Tools/PMM-Test-Paths-and-Remote-Server-Locations-1.pdf. Qualifying ASNs are listed in Appendix B of *Connect America Fund*, WC Docket No. 10-19, Order on Reconsideration, 34 FCC Rcd 10109 (2019), which can be found at https://docs.fcc.gov/public/attachments/FCC-19-104A1.pdf.