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| Recommendation ITU-T Y.1540Internet protocol data communication service – IP packet transfer and availability performance parameters |

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| SummaryRecommendation ITU-T Y.1540 defines parameters that may be used in specifying and assessing the performance of speed, accuracy, dependability and availability of IP packet transfer of regional and international Internet protocol (IP) data communication services. The defined parameters apply to end-to-end, point-to-point IP service and to the network portions that provide, or contribute to the provision of, such service in accordance with the normative references specified in clause 2. Connectionless transport is a distinguishing aspect of the IP service that is considered in this Recommendation. Following over 20 years as an in-force Recommendation, the 2019 Edition recognizes many changes in the design of IP services and in the protocols employed by end-users. It introduces the new Annex A that defines IP Capacity parameters in ways that cater toward assessment, and provides requirements for methods of measurement of IP Capacity. This new Annex is the result of years of study, and application of ITU-T Study Group 12 principles of accurately evaluating performance parameters and methods of measurement against a “ground truth” reference in laboratory and field measurements. |