

Network Bandwidth Utilization Guideline

Purpose

The purpose of this document is to prescribe guidelines regarding the appropriate use of bandwidth provided by the university's data network, RUNet.

Guideline

It is the practice of Rutgers University to maintain access for its community to local, national and international sources of information and to provide an atmosphere that encourages the free exchange of ideas and sharing of information. Access to this environment and the University's information technology resources is a privilege and must be treated with the highest standard of ethics.

The university expects all members of the community to use computing and information technology resources in a responsible manner; respecting the public trust through which these resources have been provided, the rights and privacy of others, the integrity of facilities and controls, and all pertinent laws and university policies and standards. The university data network is a shared resource that must be preserved for the common use of the Rutgers' community. Network bandwidth, both internal and external, is maintained and provided to accommodate the broadest business purposes of the university.

Usage

All computers connected to the university network are required to comply with the following definitions and guidelines regarding bandwidth utilization.

- Excessive use – High bandwidth utilization by one or more computers or network devices, either transient or sustained, which degrades network performance and effectively prevents or inhibits legitimate university business activities.
- Incidental use – Low bandwidth utilization of a shared resource by one or more computers or network devices that, when aggregated over a proscribed sampling period, is in the bottom quartile of devices sharing that same resource.
- Business use – Bandwidth utilization that, directly or indirectly, contributes to the normal business activities of the university, such as research, teaching, learning and outreach.
- Personal use - Bandwidth utilization that cannot be categorized as a business use. The majority of bandwidth must be applied to university business activities. Incidental

personal use, measured over multiple hours, is permitted. Under no circumstances is excessive use of shared resources permitted.

Enforcement

In order to ensure access to finite resources such as the Internet connections or building uplinks, OIT reserves the right to monitor bandwidth usage characteristics. When necessary, OIT will communicate with management associated with any computer that has displayed bandwidth usage characteristics that appear to violate the above guidelines.

Questions

Questions or concerns regarding this guideline should be directed to the following email address noc@rutgers.edu.