

Policy

Area: 5.3 Networks	Date Issued: 2012 Oct 15
Title: 5.3.4 Network Extension	Last Revision Date: 2012 Oct 15
Issued by: Director, Networks and Systems	Approved by: Asst. Vice President – CIO, Dwight Fischer

Purpose

It is the responsibility of Dalhousie University's Information Technology Services (ITS) to provide a secure and reliable network to support all aspects of University functions. A key component of that function is to ensure that all devices and equipment that connect to the network meet standards and are managed such that they do not undermine those goals. This policy details the limited conditions under which a network can be extended and who may do it.

Policy Statement

Academic and Administrative Buildings / Outdoor, on-Campus, spaces

Only network extension devices – including but not limited to devices such as hubs, switches, routers, and wireless access points – installed and managed by ITS will be allowed for use on the Dalhousie University network. University faculty and staff are not permitted to install their own network extension equipment. Departments wishing to have their network extended or to have networking technologies added must request them from ITS.

Residence

Campus residence halls have both wired and wireless networks provided. Students may wish to extend either network to have more than one computer in their residence room, or to connect other devices such as network printers or game consoles in their room.

Permitted

- **Unmanaged switches and hubs** are permitted in the residence halls but only on a 'use at your own risk' basis. (The network registration system may interfere with the proper functioning of downstream devices connected to a hub or switch if they are not registered properly connected.)

Not Permitted

- **Routers, internet connection sharing devices, and wireless access points** are not permitted in residence hall rooms. The Chief Information Officer may occasionally exempt specific extension requests. (See 'Procedures' below)

Applicability of this Policy

This policy applies on all Dalhousie campuses.

Procedures

Academic and Administrative Buildings / Outdoor On-Campus Spaces

Dalhousie employees requiring network changes can contact ITS via email at NetSys@dal.ca

Residence

Students seeking the CIO's approval to extend their residence network for anything other than unmanaged switches and hubs may contact ITS via email at NetSys@dal.ca

Standards

Not applicable

Guidelines

Not applicable

Definitions

unmanaged switches

Unmanaged switches have no configuration interface or options. They are 'plug and play'. They are typically the least expensive switches and can be found in home or small businesses.

Related Documents

Use of the 2.4GHz (wireless) Radio Frequency <http://its.dal.ca/policies/5.3.2-2.4G-radio.pdf>

Revision History

2012 October 15	policy created