

## LU Halls Residential Network Service (LUHALLSNET) Service Description

30/1/15

The LUHALLSNET service is not a fully-featured ISP-style offering, instead it is designed to provide the most cost-effective service to suit the majority of residents.

### Data

You get 200GB of data FREE each Semester. You are able to register up to 5 devices against your account. You need a Lincolnuni email address to sign up and activate your account. Traffic between you and other users on the LUHALLSNET network is not counted against your data unless it passes out through the network gateway and then back in. This may be the case, e.g. where you are playing an online game with others in the halls but you actually connect and use a central, Internet-based games server. Browsing, viewing and downloading from Lincoln resources like LEARN is also counted against your data. This is one reason the free data is so generous – equating to 50GB a month.

During the year additional data can be purchased at a competitive rate, and will last until the start of Semester 1 the following year.

### Security

All users are assigned a private IP address. There is no filtering of traffic and all ports are allowed out. We do not, however, provide any port translation, inbound NAT or public IP address services. If you want to use advanced services like these then see the section about SNAP below.

The LUHALLSNET network gateway does not provide any malware detection, intrusion prevention or similar firewall features. In addition it cannot provide protection between users on LUHALLSNET and you are strongly encouraged to run your own firewall on your device, along with an anti-virus product and keeping your devices patched. The LUHALLSNET wireless network is an open network – the wireless signal is NOT encrypted.

### Performance and Fair Use

Performance of the network is not guaranteed and there is a 4Mb/s limit to your connection. There is also a fair use policy, which essentially says that your use of the residential network must not interfere with other's use and you must not consume a disproportionate amount of the network resources.

### Interference from competing wireless devices

For the enjoyment of all, the University needs to manage the wireless environment in the halls. You may not configure wireless access points, or other allow other network devices, like wireless printers, to broadcast a wireless signal that interferes or could interfere in any way with the use of the wireless LUHALLSNET. Wireless devices that do not interfere with the 2.4GHz or 5GHz frequencies used by the wireless in the halls may be used. Bluetooth streaming, for example, is normally OK as any interference tends to be very local and only likely to affect you. We reserve the

right to disconnect and prevent re-connection of devices that are interfering with other people's use of the network.

#### What about wired devices?

If you have a free network port in your room, you can request that we live it up onto the LUHALLSNET network subject to availability. Each configuration of the port, for example to put it on SNAP (see below), will cost you \$50. You are reminded that you may not connect up any device that broadcasts a wireless signal that interferes, or could interfere, with the LUHALLSNET wireless service. If your wired device does not have a web browser, so that you can't use the hotspot login portal to register your device, you can request that we manually add the device to your account. You are still limited to 5 devices.

#### What if LUHALLSNET is not right for you?

If the lack of a public IP address, or inbound traffic is an issue for you, then you may be interested in choosing to use SNAP as your ISP, through the **wired** connection in your room. SNAP is only available in Stevens, Hudson, Lowrie, Colombo, Southland, Centennial Halls and the Farm Road Flats and is best suited to an advanced user.

You will be a customer of SNAP in your own right, and Lincoln will have nothing to do with the connection apart from ensuring that the network outlet can reach the SNAP network demarcation and that a Lincoln test computer receives an IP address from SNAP. It will cost \$50 to configure an available wired network outlet onto the SNAP network. Any subsequent re-configuration of the port, for example to put it on LUHALLSNET, will also cost \$50.

You should note that there is no connection between the SNAP and LUHALLSNET networks. Should you, for example, setup a server on your SNAP port, then LUHALLSNET users downloading content from the server will find it is counted against their data in addition to any data charges you receive on your SNAP plan.

You should also note that there is no refund or subsidy available to residents who chose to not use their free LUHALLSNET data allocation. If a room outlet is configured for SNAP we will NOT also configure the port to provide LUHALLSNET traffic. Should a SNAP customer wish to avail themselves of the free LUHALLSNET data allocation they will need to do so over the wireless network. The SNAP network will not be made available over the wireless, and you are not to install a wireless access point on that network or other device whose wireless signal or operation interferes or could interfere with users of the LUHALLSNET wireless network.