Computer Policy on Physics Department

This document is an addition with local adaptions and explanations to some of the rules established by SUNET (Swedish University Computer Network) and Lund University. These rules can be found at http://www.ldc.lu.se/security/policy.shtml, of special interest for LUNET (Lund University Computer Network) is http://www2.ldc.lu.se/security/regler.shtml.

Physics Department has a common computer network attached to the University network called LUNET which is connected to SUNET. SUNET is a common network for all universities. Hence a computer attached to the Physics Department is also connected to both LUNET and SUNET. Thus the rules that applies to both networks also applies to the computers connected to the Physics Department.

The computers on Physics Department are resources for the staff and the students. As soon as a private computer is attached to the university network it is considered as a part of the these resources.

Everyone accessing the network have to follow the rules established by SUNET, LUNET and Physics Department. Those qualified to access the network are students, scientists and/or employees at the Lund University. Persons not belonging to these groups can have access to LUNET through University decisions.

According to Lund University policy the people responsible for the network at Physics Department can without any notice detach or turn off computers, persons or other resources in case of the rules are not followed or if the network is used, intentionally or un-intentionally, in a way that interrupts other activities.

Local adaptions and clarifications

All computers connected to the network must be upgraded as soon as new security updates are available. If automatic updates are available this options should be turned on, exceptions from this rule are not permissible.

All computers must have an anti-virus program installed. The program must be activated and set on scheduled updates.

All Windows computers must also have an antitrojan/malware program installed and activated. Windows Defender is a free program from Microsoft and can be downloaded from http://www.microsoft.com

All computers attached to the network must have an active firewall. The firewall should block everything that is not explicitly wanted. Exceptions are only allowed if the user fully understands the consequence of the exception.

All computers that can be remotely accessed must have a secure login, that is, Linux and UNIX distributions should have ssh2 login and Xwindows over ssh. FreeNX is a secure, free program with windows management for Linux and UNIX.

The person or persons responsible for the computers on a unit must have the administrator passwords on all computers on that unit. Otherwise the computer does not have permission to connect to the University's network. This rule is also applies for private computers.

The password should have at least 8 characters of mixed values.

Only employees registered in LUCAT and emeriti may have accounts on the mail server of Physics Department. Undergraduate students and temporary guests are not granted e-mail accounts. It should also be noted that documents sent by the Physics Department's mail server are not put in any journaling system or archived. The person receiving a document by e-mail is responsible for the journaling and archiving.

On http://intranet.fysik.lu.se/sakerhet/protokoll.asp?Datum=&ID=402&protokoll=True there are some general rules about the e-mail system on Physics Department.