

Old Dominion University Computer Science Department Policies and Procedures

Title: Account Quota

ID: CSA004

Revision: 2.0

Purpose

This procedure provides information on how much space a user account gets on a Unix Account.

Scope

This procedure applies to all accounts for the Computer Science Department.

Account Quota

All student and grad accounts will be given a quota to limit disk usage. Student accounts will have a soft limit of 10 gigabytes (GB), and a hard limit of 10.5GB. Grad accounts will have a soft limit of 15 GB, and a hard limit of 15.5GB. File count limits will also be applied to both grad and undergrad accounts. A software limit of 750000 files and a hardware limit of 825000 will be applied to both types of accounts. If more space, or a higher number of files is required, then the faculty advisor collaborating with the particular student will have to send an email to root@cs.odu.edu, and declare the reason why the student need this increase and how much space he/she will need.

Quota Management

Management policies are applied to both grad and undergrad file system. Once a user reaches their soft limit, they are given a grace period of 7 days to go below that limit. In case the user does not reduce storage usage below the soft limit, within that week, access to the files is disabled. In case the user reaches the hard limit of the space provided, they are banned access to the files momentarily. The ODU CS systems group has also employed a weekly script to facilitate user notification of space usage. The script runs every Friday morning and checks the space usage on all accounts. In case a user has reached within 100 megabytes (MB) below his soft limit, the system emails the user and reports that fact. If the user's usage has reached the hard limit or they have been over their soft limit for more than 7 days, the system automatically disables the UNIX and Windows accounts associated with that user. When such disabled account attempts authentication to the UNIX CS machines, a proper message will be displayed notifying the user that their hard quote has been reached and the account is disabled.

Definitions

N/A

Revision History

Revised 10/21/2010

Revised 1/28/2011.