

# Disk Quota Policy

To prevent storage misuse and problems resulting from filesystems becoming full, INCD has implemented the following data usage policies and limits.

File system	Hard Limit Exceeded
/home	Once quota or number of files exceeded, new files will not be allowed. No automatic warning implemented. <b>This may lead to login problems.</b>
/data/unixgrp	Once quota or number of files exceeded, new files will not be allowed and all jobs will fail. <b>No automatic checks implement</b> and users are allowed to submit jobs and run then even no quota available.

- There are two conventions for defining digital storage capacities, namely, base 2 (1KB = 1024 bytes) and base 10 (1KB = 1000 bytes), and both are in common use. At INCD we follow Base 2, the following definitions are used when referring to digital storage capacities (filesystem quota limits, usage, etc.):

Conversion Table	--	--
1 KiloByte (KB)	$2^{10}$	1024 bytes
1 MegaByte (MB)	$2^{20}$	1048576 bytes
1 GigaByte (GB)	$2^{30}$	1073741824 bytes
1 TeraByte (TB)	$2^{40}$	1099511627776 bytes
1 PetaByte (PB)	$2^{50}$	1125899906842624 byte

- To know more about quota usage and filesystem please see the [directories and filesystems section](#)

“ **NOTE** Users should check in advance if they have enough quota for their jobs since this may lead to job failures and loss of CPU hours pledged to them.

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