

HANDS-ON 2

Task	Hint
Start Terminal 1. Display list of users that are currently logged in on the selected login node	 who
2. Check to which groups you belong	groups
3. Open a new terminal and check the tree of your processes	ps tree -u vsc3XXXX
4. Display all the files in your \$VSC_HOME directory using tree command	tree \$VSC_HOME
5. Do the same for the whole system Can you imagine the directory structure?	tree /
6. Display the information about space for the whole system Try to imagine the directory structure	df -kah
7. Check your disk usage on \$VSC_HOME and compare it with the value given by quota	du -kah; quota
8. Display all the commands related to “tree”	apropos tree
9. Display the information about the free memory in the system and compare it with info from /proc/meminfo file	free more /proc/meminfo
10. Login to login2 node Create a test1.txt file containing the date	 date > test1.txt

Copy the test1.txt file from your home directory to login1 node \$VSC_SCRATCH as date2.txt	scp \$VSC_HOME/test1.txt vsc3XXXX@login1- tier2.hpc.kuleuven.be:\$VSC_SCR ATCH/date2.txt
<p>11. Save current date into \$VSC_SCRATCH/date1.txt</p> <p>Find all the files containing "date" in their name on your \$VSC_SCRATCH</p> <p>Find all the files on your \$VSC_SCRATCH containing the current year, e.g. "2018" inside</p> <p>Add a new line with the current date into \$VSC_SCRATCH/date1.txt</p>	<p>date > \$VSC_SCRATCH/date1.txt</p> <p>find \$VSC_SCRATCH -name "date*"</p> <p>grep -H -R 2018 \$VSC_SCRATCH</p> <p>date >> \$VSC_SCRATCH/date1.txt</p>