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LAPORAN TUGAS PRAKTIKUM

NO	Jenis Praktikum	Foto
1	Manajemen File	<pre>audreyaurellia31@cloudshell:~\$ mkdir tugas_sistem_operasi audreyaurellia31@cloudshell:~\$ cd tugas_sistem_operasi audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ touch data1.txt data2.txt audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ mkdir backup audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ mv data2.txt backup/ audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ ls -r data1.txt backup audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ ls backup data2.txt audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$</pre>
2	Manajemen Proses	<pre>audreyaurellia31@cloudshell:~\$ ps aux USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND root 1 0.0 0.0 4324 3424 ? Ss 06:16 0:00 /bin/bash /google/scripts/onrun.sh sleep infinity syslog 9 0.0 0.0 222140 3096 ? Ssl 06:16 0:00 /usr/sbin/syslogd root 25 0.0 0.3 39004 28776 ? S 06:16 0:02 /usr/bin/python /usr/bin/supervisord -n -c /google/devshell/supervisord.conf --pidfile=/var/run root 26 0.0 0.0 6196 1420 ? S 06:16 0:00 logger -t supervisord root 70 0.0 0.0 12020 4008 ? S<e 06:16 0:00 sshd: /usr/sbin/sshd -p 22 ~o AuthorizedKeysFile=/etc/ssh/keys/authorized_keys [listener] 0 of root 209 0.0 0.9 1986336 73472 ? Sl 06:16 0:00 /usr/bin/dockerd -p /var/run/docker.pid --mtu=1460 --registry-mirror=https://asia-mirror.gcr.io root 266 0.0 0.5 1800820 44204 ? Ssl 06:16 0:08 containerd --config /var/run/docker/containerd/containerd.toml root 273 0.0 0.0 1231968 6144 ? Sl 06:16 0:00 /google/devshell/editor/proxy/editor-proxy -static-content-dir=/google/devshell/editor/theia/li root 274 0.0 0.0 16320 6136 ? S 06:16 0:00 sudo /google/devshell/tmux-agent root 279 0.0 0.0 1226100 1952 ? Sl 06:16 0:00 /google/devshell/tmux-agent root 443 0.0 0.0 2696 1044 ? S 06:16 0:00 sleep infinity audreya+ 460 0.0 0.0 7676 3148 ? S<e 06:17 0:00 tmux new-session -A -D -n cloudshell -s 100893850 audreya+ 461 0.0 0.0 8780 5872 pts/2 S<e+ 06:17 0:00 -bash audreya+ 899 0.0 0.0 8924 5900 pts/1 S<e+ 06:35 0:00 -bash root 1524 0.0 0.0 14092 7760 ? S<e 07:46 0:00 sshd: audreyaurellia31 [priv] audreya+ 1526 0.0 0.0 14092 7784 ? S<e 07:46 0:00 sshd: audreyaurellia31 [priv] audreya+ 1528 0.0 0.0 14352 6200 ? S< 07:46 0:00 sshd: audreyaurellia31pts/0 audreya+ 1529 0.0 0.0 7340 3724 pts/0 S<e 07:46 0:00 bash -c (sudo touch /var/run/google/devshell/45189 a) audreya+ 1532 0.0 0.0 7604 4288 pts/0 S<e 07:46 0:00 /bin/bash --nrc --noprofile audreya+ 1535 0.0 0.0 14352 6204 ? S< 07:46 0:00 sshd: audreyaurellia31pts/3 audreya+ 1536 0.0 0.0 7340 3764 pts/3 S<e+ 07:46 0:00 bash -c if [-f /google/devshell/start-shell.sh]; then /google/devshell/start-shell.sh '' audreya+ 1537 0.0 0.0 7340 3660 pts/3 S<+ 07:46 0:00 /bin/bash /google/devshell/start-shell.sh 106276718 false audreya+ 1538 0.0 0.0 6880 3380 pts/3 S<+ 07:46 0:00 tmux new-session -A -D -n cloudshell -s 106276718 audreya+ 1539 0.0 0.0 8924 6180 pts/4 S<e 07:46 0:00 -bash audreya+ 2107 0.0 0.0 10868 4564 pts/4 R<+ 08:57 0:00 ps aux audreyaurellia31@cloudshell:~\$ kill 1539 audreyaurellia31@cloudshell:~\$ kill 1538</pre> <p>Setelah dinter maka akan keluar</p>
3	Pengelolaan Izin File	<pre>audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ touch script.sh audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ chmod 700 script.sh audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$ ls -l script.sh -rwx----- 1 audreyaurellia31 audreyaurellia31 0 Dec 2 08:38 script.sh audreyaurellia31@cloudshell:~/tugas_sistem_operasi\$</pre>
4	Shell Scripting	<pre>audreyaurellia31@cloudshell:~\$ vi info_system audreyaurellia31@cloudshell:~\$ cat info_system #!/bin/bash # menampilkan waktu saat ini date # menampilkan nama pengguna yang sedang login whoami # menampilkan total penggunaan disk df -h audreyaurellia31@cloudshell:~\$ chmod tx info_system audreyaurellia31@cloudshell:~\$./info_system Mon Dec 2 09:15:58 AM UTC 2024 audreyaurellia31 Filesystem Size Used Avail Use% Mounted on overlay 95G 60G 35G 63% / tmpfs 64M 0 64M 0% /dev /dev/sdal 95G 60G 35G 63% /root /dev/disk/by-id/google-home-part1 4.8G 148K 4.6G 1% /home /dev/root 2.0G 1.2G 814M 58% /usr/lib/modules shm 64M 0 64M 0% /dev/shm tmpfs 1.6G 876K 1.6G 1% /google/host/var/run gcfsd 1.2M 1.2M 0 100% /google/host/var/run/gcfsd/mnt shm 64M 0 64M 0% /google/host/var/run/containerd/io.containerd.grpc.v1.cri/sandboxes/619dbbc3445f4e4494a0c951c637fa046bdb4 5366b2d03c7baecf71b054cc43a/shm shm 64M 0 64M 0% /google/host/var/run/containerd/io.containerd.grpc.v1.cri/sandboxes/728a891fc5c71be7ffd0a145306cc939c8721 f477cf4423f8fe614486b8b2ba4/shm audreyaurellia31@cloudshell:~\$</pre>
5	Manajemen Jaringan	<pre>audreyaurellia31@cloudshell:~\$ ping -c 5 www.google.com PING www.google.com (142.251.10.106) 56(84) bytes of data. 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=1 ttl=114 time=2.74 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=2 ttl=114 time=0.511 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=3 ttl=114 time=2.63 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=4 ttl=114 time=0.500 ms 64 bytes from sd-in-f106.1e100.net (142.251.10.106): icmp_seq=5 ttl=114 time=0.571 ms --- www.google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 4076ms rtt min/avg/max/mdev = 0.500/1.388/2.735/1.055 ms</pre>