

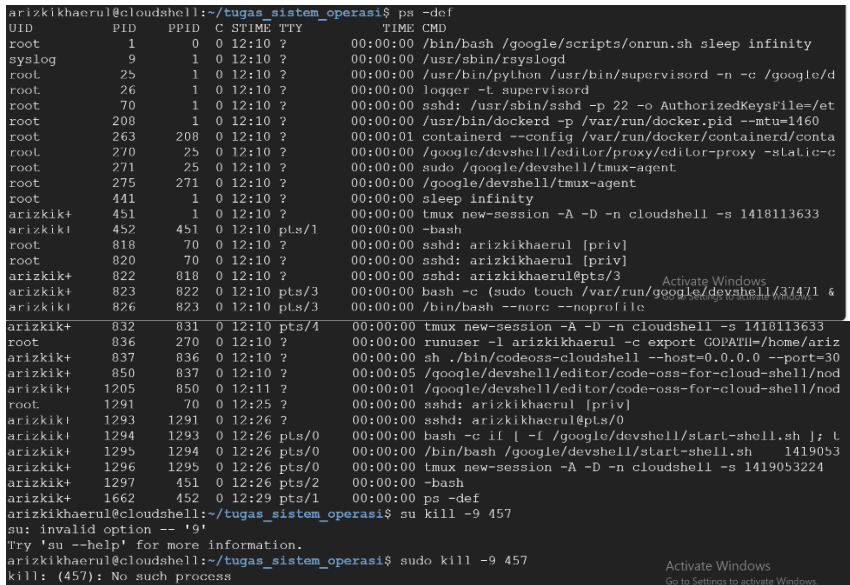
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Alamat Github : <https://github.com/KhaerulArizki/praktikum-sistem-operasi.git>

LAPORAN TUGAS PRAKTIKUM

| NO | Jenis praktikum | Foto |
|----|------------------|--|
| 1 | Manajemen File |  <pre>Welcome to Cloud Shell! Type "help" to get started. To set your Cloud Platform project in this session use "gcloud config set project [PROJECT_ID]" arizkikhaerul@cloudshell:~\$ cd tugas_sistem_operasi arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ls -ltrh total 4.0K -rw-rw-r-- 1 arizkikhaerul arizkikhaerul 0 Dec 5 17:00 data1.txt drwxrwxr-x 2 arizkikhaerul arizkikhaerul 4.0K Dec 5 17:01 backup -rwx----- 1 arizkikhaerul arizkikhaerul 0 Dec 5 17:08 script.sh arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ touch detail.txt arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ touch data2.txt arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ mkdir backup mkdir: cannot create directory 'backup': File exists arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ mv data2.txt backup arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ls -r script.sh detail.txt data1.txt backup arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ls backup data2.txt</pre> |
| 2 | Manajemen Proses | <p>Langkah-langkah mematikan proses menggunakan perintah kill:</p> <ol style="list-style-type: none">1.Menggunakan perintah ps -def untuk menemukan PID proses yang diinginkan2.Menjalankan perintah kill diikuti dengan PID untuk memaksa penghentian proses3.Jika perlu gunakan perintah kill -9 untuk memaksa penghenteian proses  <pre>arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ps -def UID PID PPID C STATE TTY TIME CMD root 1 0 0 D ? 00:00:00 /bin/bash /google/scripts/onrun.sh sleep infinity syslog 9 1 0 D ? 00:00:00 /usr/sbin/rsyslogd root 25 1 0 D ? 00:00:00 /usr/bin/python /usr/bin/supervisord -n -c /google/d root 26 1 0 D ? 00:00:00 logger -t supervisord root 70 1 0 D ? 00:00:00 sshd: /usr/sbin/sshd -p 22 -o AuthorizedKeysFile=/et root 208 1 0 D ? 00:00:00 /usr/bin/dockerd -p /var/run/docker.pid --mtu=1450 root 263 208 0 D ? 00:00:01 containerd --config /var/run/docker/containerd/conta root 270 25 0 D ? 00:00:00 /google/devshell/editor/code-oss-for-cloud-shell/nod root 271 25 0 D ? 00:00:00 sudo /google/devshell/tmux-agent root 275 271 0 D ? 00:00:00 /google/devshell/tmux-agent root 441 1 0 D ? 00:00:00 sleep infinity arizkik+ 451 1 0 D ? 00:00:00 tmux new-session -A -D -n cloudshell -s 1418113633 arizkik+ 452 451 0 D pts/1 00:00:00 -bash root 818 70 0 D ? 00:00:00 sshd: arizkikhaerul [priv] root 820 70 0 D ? 00:00:00 sshd: arizkikhaerul [priv] arizkik+ 822 818 0 D ? 00:00:00 sshd: arizkikhaerul@pts/3 arizkik+ 823 822 0 D pts/3 00:00:00 bash -c (sudo touch /var/run/google/devshell/37471 & arizkik+ 826 823 0 D pts/3 00:00:00 /bin/bash --nrc --noprofile arizkik+ 832 831 0 D pts/4 00:00:00 tmux new-session -A -D -n cloudshell -s 1418113633 root 836 270 0 D ? 00:00:00 runuser -l arizkikhaerul -c export GOPATH=/home/ariz arizkik+ 837 836 0 D ? 00:00:00 sh ./bin/codeoss-cloudshell --host=0.0.0.0 --port=30 arizkik+ 850 837 0 D ? 00:00:05 /google/devshell/editor/code-oss-for-cloud-shell/nod arizkik+ 1205 850 0 D ? 00:00:01 /google/devshell/editor/code-oss-for-cloud-shell/nod root 1291 70 0 D ? 00:00:00 sshd: arizkikhaerul [priv] arizkik+ 1293 1291 0 D ? 00:00:00 sshd: arizkikhaerul@pts/0 arizkik+ 1294 1293 0 D pts/0 00:00:00 bash -c if [-f /google/devshell/start-shell.sh]; t arizkik+ 1295 1294 0 D pts/0 00:00:00 /bin/bash /google/devshell/start-shell.sh 1419053 arizkik+ 1296 1295 0 D pts/0 00:00:00 tmux new-session -A -D -n cloudshell -s 1419053224 arizkik+ 1297 451 0 D pts/2 00:00:00 -bash arizkik+ 1662 452 0 D pts/1 00:00:00 ps -def arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ su kill -9 457 su: invalid option -- '9' Try 'su --help' for more information. arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ sudo kill -9 457 kill: (457): No such process</pre> |

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| 3 | Pengelolaan Izin File | <pre> arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ touch script.sh arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ chmod 700 script.sh arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ls -l total 4 drwxrwxr-x 2 arizkikhaerul arizkikhaerul 4096 Dec 17 12:15 backup -rw-rw-r-- 1 arizkikhaerul arizkikhaerul 0 Dec 5 17:00 datal.txt -rw-rw-r-- 1 arizkikhaerul arizkikhaerul 0 Dec 17 12:14 detal.txt -rwx----- 1 arizkikhaerul arizkikhaerul 0 Dec 17 12:36 script.sh -rw-rw-r-- 1 arizkikhaerul arizkikhaerul 0 Dec 17 12:34 script.txt.sh </pre> |
| 4 | Shell Scripting | <pre> arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ touch info_system.sh arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ nano info_system.sh arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ cat info_system.sh #!/bin/bash #menampilkan waktu saat ini echo " waktu saat ini : \$(date)" #menampilkan nama pengguna yang sedang login echo " pengguna yang sedang login : \$(whoami)" #menampilkan total pengguna disk di sistem echo " total pengguna disk di sistem " df -h grep '/' #menampilkan informasi disk yang digunakan arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ </pre> |
| 5 | Manajemen Jaringan | <pre> arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ping -c 5 www.google.com PING www.google.com (74.125.68.104) 56(84) bytes of data: 64 bytes from sc-in-f104.1e100.net (74.125.68.104): icmp_seq=1 ttl=114 time=3.35 ms 64 bytes from sc-in-f104.1e100.net (74.125.68.104): icmp_seq=2 ttl=114 time=0.465 ms 64 bytes from sc-in-f104.1e100.net (74.125.68.104): icmp_seq=3 ttl=114 time=0.510 ms 64 bytes from sc-in-f104.1e100.net (74.125.68.104): icmp_seq=4 ttl=114 time=0.431 ms 64 bytes from sc-in-f104.1e100.net (74.125.68.104): icmp_seq=5 ttl=114 time=0.414 ms --- www.google.com ping statistics --- 5 packets transmitted, 5 received, 0% packet loss, time 4060ms rtt min/avg/max/mdev = 0.414/1.034/3.351/1.158 ms arizkikhaerul@cloudshell:~/tugas_sistem_operasi\$ ^c ping - 5 www.google.com ping: -: Name or service not known </pre> |