

## **\*\*Soluciones y Respuestas - Ejercicios Avanzados LPIC-1 101\*\***

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### **\*\*1.\*\***

```bash

```
du -h /var 2>/dev/null | sort -hr | head -n 5
```

```

### **\*\*2.\*\***

```bash

```
mkdir -p /tmp/suid_backup
```

```
find / -perm -4000 -type f 2>/dev/null -exec cp --parents {} /tmp/suid_backup \;
```

```
tar czf /tmp/suid_backup.tar.gz -C /tmp suid_backup
```

```

### **\*\*3.\*\***

```bash

```
history | awk '{CMD[$2]++} END {for (a in CMD) print CMD[a] " " a}' | sort -rn | head -n 10
```

```

### **\*\*4.\*\***

```bash

```
ps -eo pid,comm,%cpu --sort=-%cpu | head -n 2 | tail -n 1 > cpu_hog.txt
```

```

**\*\*5.\*\***

```bash

find /etc -type f -name "\*.conf" | wc -l > conf\_count.txt

```

**\*\*6.\*\***

```bash

tail -n 50 /var/log/syslog | grep -i error > errores.log

```

**\*\*7.\*\***

```bash

mount | grep 'type ext4' > ext4\_mounts.txt

```

**\*\*8.\*\***

```bash

echo "Host: \$(hostname)" > sistema.txt

echo "Kernel: \$(uname -r)" >> sistema.txt

echo "Arquitectura: \$(uname -m)" >> sistema.txt

```

**\*\*9.\*\***

```bash

find /tmp -type f -perm 0777 > permisos\_inseguros.txt

```

**\*\*10.\*\***

**```bash**

**df -h | awk 'NR>1 && int(\$5) > 90' > espacio\_bajo.txt**

**```**

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