

# DevOps Interview Quick Revision Sheet

Q#	Question	Short Answer
1	Explain your Day-to-Day activities	Monitoring, deployments, CI/CD, automation, troubleshooting
2	Do you have hands-on in Linux? Which platform?	Ubuntu, CentOS, RHEL, Amazon Linux – file/process mgmt, networking
3	Latest version of Ubuntu?	24.04 LTS (2025)
4	Common Linux commands	ls, cd, pwd, cp, mv, cat, grep, df, du, chmod, chown
5	Check one running process	ps -p <pid> / pgrep <name>
6	List running processes	ps aux, top, htop
7	Find process & kill in one command	pkill <name> or kill -9 \$(pidof <name>)
8	Check disk usage	df -h
9	Find free memory	free -m, vmstat
10	Archive & compress directory	tar -czvf file.tar.gz dir/
11	chmod 755 means	Owner: rwx, Group/Others: r-x
12	Effect of chmod 755	Executable by all, writable only by owner
13	chown command	Change file owner/group → chown user:group file
14	List all SSH users	cat /etc/passwd, check sshd_config
15	Purpose of grep	Search text patterns in files
16	Grep without keyword	grep -v 'linux' linux.txt
17	Difference: cron vs at	cron = repeated jobs, at = one-time jobs
18	Schedule script every 5 min	* /5 * * * * /path/script.sh
19	Push index.html GitHub → AWS	Use CodePipeline (GitHub → S3/EC2 → ALB)
20	Dependencies for IP	Subnet, Route Table, IGW, Security Group
21	Connect EC2 instance	ssh -i key.pem ec2-user@<public-ip>
22	Implement Internet Gateway	Create IGW → Attach VPC → Update route table
23	Configure IGW in route table	Add route 0.0.0.0/0 → Target IGW
24	Login & authentication	SSH key-based preferred (ssh -i key.pem user@host)
25	Path for index.html	/var/www/html/
26	Apache logs directory	/var/log/httpd/ (CentOS) / /var/log/apache2/ (Ubuntu)
27	Logs in /var/log	syslog, auth.log, messages, dmesg
28	Route 53	AWS DNS & domain service
29	Purchase domain in Route 53?	Yes
30	Git pull vs fetch	pull = fetch + merge, fetch = only download
31	Resolve merge conflict	Edit conflicts → stage → commit
32	Generate GitHub token	Settings → Developer Settings → PAT → Generate
33	Create custom image in Docker	Dockerfile → docker build -t name .
34	Dockerfile	Build instructions (FROM, RUN, COPY, CMD, EXPOSE)

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35	Prerequisites of docker build	Docker installed, Dockerfile present
36	Copy file container → host	docker cp <container_id>:/src /dest
37	Effect of COPY .	Copies build context → container working dir
38	Prometheus config file	prometheus.yml
39	Where to set alerting	Prometheus rules or Grafana alerts
40	Disk usage alert @80%	Rule in Prometheus → Alertmanager → SMS/Slack