

## BSDA Command Reference

To assist the BSDA testing candidate in his studies, the BSDA Command Reference Chart provides an alphabetized list of the commands and files found in the "practical" sections of the [BSDA](#) exam objectives.

The candidate should note that the availability of a command either with a version of the operating system or as a third-party application may change over time. Candidates who find that a command is now available or is no longer available and the Chart indicates otherwise are encouraged to contact the BSDCG through the contact form at the [website](#), indicating the name of the command and the version of the operating system.

### Key:

- X can be installed with operating system and has an associated man page
- \* can be installed with operating system but has no associated man page
- P available as a third party package or port

**Chart: BSDA Command Reference**

<b>Command or File</b>	<b>Dragonfly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
/etc/release			X	
/etc/ssh/*	X	X	X	X
/kern/msgbuf			X	
/var/log/*	X	X	X	X
/var/mail/\$USER	X	X	X	X
/var/run/dmesg.boot	X	X	X	X
ac(8)	X	X	X	X
accton(8)	X	X	X	X
acl(3)	X	X		
adduser.conf(5)	X	X		
adduser(8)	X	X		X
afterboot(8)			X	X
aliases(5)	X	X	X	X
altq.conf(5)			X	

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altq(4) or (9)		X	X	X
altqd(8)			X	
apropos(1)	X	X	X	X
arp(8)	X	X	X	X
atacontrol(8)	X	X		
atactl(8)			X	X
audit-packages	P		P	
auth.conf(5)	X	X		
bsd.port.mk(5)				X
build.sh			X	
bzcat(1) (bzip)	X	X	X	P
camcontrol(8)	X	X		
ccdconfig(8)	X	X	X	X
cgd(4)			X	
chflags(1)	X	X	X	X
chfn(1)	X	X	X	X
chgrp(1)	X	X	X	X
chmod(1)	X	X	X	X
chown(8)	X	X	X	X
chpass(1)	X	X		X
chroot(8)	X	X	X	X
chsh(1)	X	X	X	X
cksum(1)	X	X	X	X
cp(1)	X	X	X	X
cpdup(1)	X	P		
cpio(1) or (1L)	X	X	X	X
cron(8)	X	X	X	X
crontab(1)	X	X	X	X
crontab(5)	X	X	X	X
csh(1)	X	X	X	X
cvs(1)	X	X	X	X
cvsup(1)	P	P	P	P

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cvsync(1)	P	P	P	P
daily.conf(5)			X	
daily(8)				X
dd(1)	X	X	X	X
df(1)	X	X	X	X
dhclient.conf(5)	X	X	X	X
dhclient.leases(5)	X	X	X	X
dhclient(8)	X	X	X	X
dig(1)	X	X	X	X
dmesg(8)	X	X	X	X
domainname(1)	X	X	X	X
du(1)	X	X	X	X
dump(8)	X	X	X	X
egrep(1)	X	X	X	X
env(1)	X	X	X	X
environ(7)	X	X	X	X
etcupdate(8)			X	
exports(5)	X	X	X	X
fetch(1)	X	X		
fgrep(1)	X	X	X	X
file(1)	X	X	X	X
find(1)	X	X	X	X
finger(1)	X	X	X	X
firewall(7)	X	X		
fsck(8)	X	X	X	X
fsdb(8)	X	X	X	X
fstab(5)	X	X	X	X
fstat(1)	X	X	X	X
ftp(1)	X	X	X	X
ftpusers(5)			X	
gbde(4)(8)		X		
getfacl(1)		X		

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gettytab(5)	X	X	X	X
gmirror(8)		X		
graid3(8)		X		
grep(1)	X	X	X	X
groups(1)	X	X	X	X
gstripe(8)		X		
hier(7)	X	X	X	X
host(1)	X	X	X	X
hostname.if(5)				X
hostname(1)	X	X	X	X
host.conf(5)	X			
hosts(5)	X	X	X	X
id(1)	X	X	X	X
ifaliases(5)			X	
ifconfig(8)	X	X	X	X
inetd(8)	X	X	X	X
info(1)	X	X	X	X
init(8)	X	X	X	X
intro(1) to intro(9)	X	X	X	X
iostat(8)	X	X	X	X
ipf(8)	X	X	X	
ipfstat(8)	X	X	X	
ipfw(8)	X	X		
jail(8)	X	X		
kill(1)	X	X	X	X
killall(1)	X	X		
kldload(8)	X	X		
kldstat(8)	X	X		
kldunload(8)	X	X		
krb5.conf(5)	X	X	X	X
last(1)	X	X	X	X
lastcomm(1)	X	X	X	X

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lastlog(5)	X	X	X	X
lastlogin(8)	X	X	X	
limit(1)	X	X	X	X
limits(1)	X	X	X	
lkm.conf(5)			X	
ln(1)	X	X	X	X
loader.conf(5)	X	X		
locate.conf(5)			X	
locate.updatedb(8)	X	X	X	X
locate(1)	X	X	X	X
login.conf(5)	X	X	X	X
lpc(8)	X	X	X	X
lpq(1)	X	X	X	X
lprm(1)	X	X	X	X
ls(1)	X	X	X	X
lsof(8)		P	P	P
mac(4)		X		
magic(5)	X	X	X	X
mail(1)	X	X	X	X
mailer.conf(5)	X	X	X	X
mailq(1) or (8)	X	X	X	X
make.conf(5)	X	X		
make(1)	X	X	X	X
make buildworld	X	X	X	X
make installworld	X	X	X	X
make replace	X		X	
make show-downlevel	X		X	
make update	X		X	
make quickworld	X			
man.conf(5)			X	X
man(1)	X	X	X	X
master.cf (postfix)		P	X	P

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md5(1)	X	X	X	X
mergemaster(8)	X	X		P
mk.conf(5)			X	X
modload(8)			X	X
modstat(8)			X	X
modunload(8)			X	X
monthly.conf(5)			X	
monthly(8)				X
motd(5)	X	X	X	X
mount(8)	X	X	X	X
mountd(8)	X	X	X	X
mount_nfs(8)	X	X	X	X
mtree(8)	X	X	X	X
mygate(5)			*	X
myname(5)			*	X
nc(1) (netcat)	P	X	P	X
ndp(8)	X	X	X	X
netstart(8)				X
netstat(1)	X	X	X	X
newaliases(1) or (8)	X	X	X	X
newsyslog.conf(5)	*	X	X	X
newsyslog(8)	X	X	X	X
nfsd(8)	X	X	X	X
nfsstat(1)	X	X	X	X
nice(1)	X	X	X	X
nmap(1)	P	P	P	P
nologin(8)	X	X	X	X
nslookup(1) or (8)	X	X	X	X
nsswitch.conf(5)	X	X	X	
ntpd.conf(5)	X	X	X	X
ntpd(8)	X	X	X	X
openssl(1)	X	X	X	X

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packages(7) or ports(7)		X	X	
passwd.conf(5)			X	
passwd(1) and (5)	X	X	X	X
patch(1)	X	X	X	X
pax(1)	X	X	X	X
pciconf(8)	X	X		
periodic.conf(5)	X	X		
periodic(8)	X	X		
pf(4)	X	X	X	X
pfctl(8)	X	X	X	X
pgrep(1)	X	X	X	X
ping(8)	X	X	X	X
ping6(8)	X	X	X	X
pkg_add(1)	X	X	X	X
pkg_chk	P		P	
pkg_comp	P		P	
pkg_delete(1)	X	X	X	X
pkg_info(1)	X	X	X	X
pkgtools.conf(5)		X		
pkg_version(1)	X	X		
pkill(1)	X	X	X	X
portaudit(1)		P		
portmap(8)	X	X		X
portupgrade(1)		P		
postalias(1) (postfix)		P	X	P
postinstall(8)			X	
postqueue(1) (postfix)		P	X	P
printcap(5)	X	X	X	X
ps(1)	X	X	X	X
pstat(8)	X	X	X	X
pw(8)	X	X		
pwd_mkdb(8)	X	X	X	X

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raidctl(8)			X	X
rc.conf(5) or (8)	X	X	X	X
rc(8)	X	X	X	X
rdate(8)	X	P	X	X
re_format(7)	X	X	X	X
renice(1) or (8)	X	X	X	X
resolv.conf(5)	X	X	X	X
restore(8)	X	X	X	X
rm(1)	X	X	X	X
rmuser(8)	X	X		X
route(8)	X	X	X	X
rpc.lockd(8)	X	X	X	X
rpc.statd(8)	X	X	X	
rpcbind(8)		X	X	
rtsol(8)	X	X	X	X
sa(8)	X	X	X	X
scsi(4) or (8)		X	X	X
scsictl(8)			X	
security.conf(5)			X	
security(7) or (8)	X	X		X
sendmail.cf	X	X	X	X
services(5)	X	X	X	X
sh(1)	X	X	X	X
sha1(1)	X	X	X	X
share/doc	X	X	X	X
share/examples	X	X	X	
shutdown(8)	X	X	X	X
sockstat(1)	X	X	X	
sort(1)	X	X	X	X
src/BUILDING			X	
src/UPDATING		X	X	
ssh-keygen(1)	X	X	X	X



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sshd_config(5)	X	X	X	X
sshd(8)	X	X	X	X
stat(1) or stat(2)	X	X	X	X
su(1)	X	X	X	X
sudo(8)	P	P	P	X
sudoedit(8) (sudo)	P	P	P	X
sudoers(5) (sudo)	P	P	P	X
swapctl(8)		X	X	X
swapinfo(8)	X	X		
sysctl.conf(5)	X	X	X	X
sysctl(8)	X	X	X	X
sysinstall(8)		X		
syslog.conf(5)	X	X	X	X
systat(1)	X	X	X	X
systrace(1)			X	X
tail(1)	X	X	X	X
tar(1)	X	X	X	X
tcsh(1)	X	X	P	P
tee(1)	X	X	X	X
telnet(1)	X	X	X	X
top(1)	X	X	X	X
traceroute(8)	X	X	X	X
ttys(5)	X	X	X	X
umask(1) or (2)	X	X	X	X
umount(8)	X	X	X	X
uptime(1)	X	X	X	X
user(8)			X	X
useradd(8)			X	X
userdel(8)			X	X
usermgmt.conf(5)			X	X
usermod(8)			X	X
users(1)	X	X	X	X

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utmp(5)	X	X	X	X
verexecctl(8)			X	
vi(1)	X	X	X	X
vinum(8)	X	X		
vipw(8)	X	X	X	X
visudo(5) (sudo)	P	P	P	X
vmstat(1) or (8)	X	X	X	X
vnd(4)			X	X
vuxml		P		
w(1)	X	X	X	X
weekly.conf(5)			X	
weekly(8)				X
whatis(1)	X	X	X	X
whereis(1)	X	X	X	X
which(1)	X	X	X	X
who(1)	X	X	X	X
whoami(1)	X	X	X	X
whois(1)	X	X	X	X
wtmp(5)	X	X	X	X
xargs(1)	X	X	X	X
Xen			P	
zmore(1)	X	X	X	X