

To assist the testing candidate, the BSDA Command Reference Chart provides an alphabetized list of the commands found in the "Practical" sections of the exam objectives.

**Key:**

X can be installed with operating system and has an associated man page

P available as a third party package or port

**BSDA Command Reference**

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
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	X
aliases(5)	X	X	X	X
altq.conf(5)			X	
altq(4)	X	X	X	
altq(9)	X	X	X	
altqd(8)			X	
apropos(1)	X	X	X	X
arp(8)	X	X	X	X
atactl(8)			X	X
bhyve(8)		X		
bioctl(8)			X	X
boot(8)	X	X	X	X
boot.conf(8)				X
bsdinstall(8)		X		
bsd.port.mk(5)				X
build(7)	X	X		
builtin(1)	X	X		
bzcat(1)	X	X	X	P (bzip)
camcontrol(8)	X	X		
ccdconfig(8)	X	X	X	
cgd(4)			X	
chflags(1)	X	X	X	X
chfn(1)	X	X	X	X

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
chgrp(1)	X	X	X	X
chmod(1)	X	X	X	X
chown(8)	X	X	X	X
chpass(1)	X	X	X	X
chroot(8)	X	X	X	X
chsh(1)	X	X	X	X
cksum(1)	X	X	X	X
config(8)	X	X		X
cp(1)	X	X	X	X
cpdup(1)	X	P		
cpio(1)	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
daily.conf(5)			X	
daily(8)				X
dd(1)	X	X	X	X
devinfo(8)	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
dhcpcd.conf(5)	X	P	X	X
dig(1)	X		X	X
dmesg(8)	X	X	X	X
doas(1)				X
doas.conf(5)				X
domainname(1)	X	X	X	X
dports(7)	X			
drill(1)	X	X		P
du(1)	X	X	X	X
dumynet(4)	X	X		
dump(8)	X	X	X	X

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
egrep(1)	X	X	X	X
env(1)	X	X	X	X
environ(7)	X	X	X	X
etcupdate(8)	X		X	
exports(5)	X	X	X	X
extattrctl(8)		X	X	
fgrep(1)	X	X	X	X
file(1)	X	X	X	X
find(1)	X	X	X	X
fsck(8)	X	X	X	X
fstab(5)	X	X	X	X
fstat(1)	X	X	X	X
ftpusers(5)	X	X	X	
gbde(4)		X		
gbde(8)		X		
geli(8)		X		
gettextattr(1)		X	X	
getfacl(1)		X		
gettytab(5)	X	X	X	X
gmirror(8)		X		
graid3(8)		X		
grep(1)	X	X	X	X
groups(1)	X	X	X	X
gstat(8)		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
hosts(5)	X	X	X	X
httpd.conf(5)	X			X
id(1)	X	X	X	X
ifaliases(5)			X	
ifconfig(8)	X	X	X	X

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
ifconfig.if(5)			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	
ipfstat(8)		X	X	
ipfw(8)	X	X		
jail(8)	X	X		
kauth(9)			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	
ksh(1)	X	P	X	X
last(1)	X	X	X	X
lastcomm(1)	X	X	X	X
lastlog(5)	X		X	X
lastlogin(8)	X	X	X	
limit(1)	X	X	X	
limits(1)	X	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

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
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)	X	X	X	
make.conf(5)	X	X		
make(1)	X	X	X	X
man.conf(5)		X	X	X
man(1)	X	X	X	X
mandoc(1)	X	X	X	X
master(8) (postfix)	X	P	X	P
md5(1)	X	X	X	X
mergemaster(8)	X	X		
mk.conf(5)			X	X
modload(8)			X	
modstat(8)			X	
module(7)			X	
modunload(8)			X	
monthly.conf(5)			X	
monthly(8)				X
motd(5)	X	X	X	X
mount(8)	X	X	X	X
mouted(8)	X	X	X	X
mtree(8)	X	X	X	X
mygate(5)				X
myname(5)				X
named.conf(5)	X		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)	X	X	X	

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
newaliases(8)				X
newsyslog.conf(5)	X	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)	X	P	P	P
nologin(8)	X	X	X	X
npf(7)			X	
npfctl(8)			X	
nslookup(1)	X			X
nslookup(8)			X	
nsswitch.conf(5)	X	X	X	
ntp.conf(5)	X	X	X	
ntpd.conf(5)	X	P		X
ntpd(8)	X	X	X	X
ntpq(8)	X	X	X	
openssl(1)	X	X	X	X
packages(7)				X
passwd.conf(5)			X	
passwd(1)	X	X	X	X
passwd(5)	X	X	X	X
patch(1)	X	X	X	X
pax(1)	X	X	X	X
pcictl(8)			X	
pciconf(8)	X	X		
periodic.conf(5)	X	X		
periodic(8)	X	X		
pf(4)	X	X	X	X
pf.conf(5)	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

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
pkg_add(1)			X	X
pkg_admin(1)			X	
pkg-audit(8)	X	X		
pkg_delete(1)			X	X
pkg-delete(8)	X	X		
pkg_info(1)			X	X
pkg-info(8)	X	X		
pkg-install(8)	X	X		
pkg-upgrade(8)	X	X		
pkg-version(8)	X	X		
pkgsrc(7)	X		X	
pkill(1)	X	X	X	X
portmap(8)				X
ports(7)		X		X
postalias(1) (postfix)	X	P	X	P
postinstall(8)			X	
postqueue(1) (postfix)	X	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
raidctl(8)			X	
rc.conf(5)	X	X	X	
rc.conf(8)				X
rc(8)	X	X	X	X
rcctl(8)				X
re_format(7)	X	X	X	X
renice(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

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
rpc.lockd(8)	X	X	X	X
rpc.statd(8)	X	X	X	X
rpcbind(8)	X	X	X	
rtsol(8)	X	X	X	
sa(8)	X	X	X	X
scsi (8)				X
scsictl(8)			X	
security.conf(5)			X	
security(7)	X	X	X	
security(8)				X
service(8)	X	X	X	
services(5)	X	X	X	X
sh(1)	X	X	X	X
sha1(1)	X	X	X	X
shutdown(8)	X	X	X	X
smb.conf(5)	X	P	P	P
smtpctl(8)	X			X
sockstat(1)	X	X	X	
softraid(4)				X
sort(1)	X	X	X	X
ssh-keygen(1)	X	X	X	X
sshd_config(5)	X	X	X	X
sshd(8)	X	X	X	X
stat(1)	X	X	X	X
stderr(4)	X	X	X	X
stdin(4)	X	X	X	X
stdout(4)	X	X	X	X
su(1)	X	X	X	X
sudo(8)	X	P	P	P
sudoers(5) (sudo)	X	P	P	P
swapctl(8)	X	X	X	X
sysctl.conf(5)	X	X	X	X
sysctl(8)	X	X	X	X
sysinst(8)			X	



<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
syslog.conf(5)	X	X	X	X
sysmerge(8)				X
systat(1)	X	X	X	X
systrace(1)				X
tail(1)	X	X	X	X
tar(1)	X	X	X	X
tcpdump(1)	X	X		
tcpdump(8)			X	X
tcplay(8)	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(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
userinfo(8)			X	X
usermgmt.conf(5)			X	X
usermod(8)			X	X
users(1)	X	X	X	X
utmp(5)	X		X	X
verixecctl(8)			X	
vi(1)	X	X	X	X
vinum(8)	X			
vipw(8)	X	X	X	X
visudo(5) (sudo)	X	P	P	P
vmstat(1)			X	
vmstat(8)	X	X		X
vnd(4)			X	X

<b>Command</b>	<b>DragonFly BSD</b>	<b>FreeBSD</b>	<b>NetBSD</b>	<b>OpenBSD</b>
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
xargs(1)	X	X	X	X
xen(4)		X		
Xen			P	
zpool(8)		X	X	
zfs(8)		X	X	
zmore(1)	X	X	X	X