TotalNET Advanced Server 5.2
Quick Reference

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CHAPTER 1

TotalNET Commands

Introduction

This reference contains brief descriptions of the purpose, location, command line usage, and attributes (if applicable) of every command used in the TotalNET system. For detailed descriptions of the TotalNET commands, refer to the on-line *TAS Reference Manual*.

Notational Conventions

The following notational conventions apply to command line usage in this guide:

Notation	Description
`courier`	A command, path, or part of a path.
courier italic	A command variable. You must replace each occurrence of this text with a valid value for its variable.
Italic	An attribute variable. You must replace each occurrence of this text with a valid value for its variable.
\	An indication that the next line continues the same command line. Do not include this character with the command.

Notation	Description
[]	Brackets around an optional part of the command line.
{}	Braces around two or more options, separated by pipes (|), from which you must choose.
|	A pipe to separate choices enclosed in braces or brackets.
()	Parentheses to group the options they enclose.
...	An ellipsis to indicate that you may include as many specifications as you wish for the preceding option.

The following example demonstrates the use of courier, courier italic, brackets, braces, pipes, and ellipses:

command [*option*]... {*literal*|*variable*}

The following example illustrates the addition of the value of the `browse-master` attribute (`kipper`) to the file service `atmoe:file` in the `AT` realm:

```
tnservice -A -r AT -s atmoe:file -a browse-master=kipper
```

Command Entry Format

The command entries, listed in alphabetical order, describe purpose, location, usage, and attributes, if applicable, for every command. Each command entry has the command name as the title, followed by the following sections:

Purpose — A description of functionality.

Location — The path of the command's location. It begins in the `TNHOME` directory. The Solaris `TNHOME` directories reside in `/var/opt/totalnet`.

Usage — The format for UNIX command line usage.

Attributes — Command attributes that add to or modify the functionality of the command. This section only appears if attributes exist.

TotalNET Command Line Utilities

acprint

Purpose — Sends a remote AppleTalk print job.

Location —

`TNHOME/usr/bin`

Usage —

`acprint [-b] [-d] [-o] [-t]` *printer* `[`*file*`...]`

`acprint -s` *printer*

acslist

Purpose — Lists active AppleTalk realm services.

Location —

`TNHOME/usr/bin`

Usage —

`acslist [-m] [-s] [-q` *queries*`] [-w` *wait-secs*`] [`*pattern*`]`

aczonelist

Purpose — Lists zones in the AppleTalk network.

Location —

`TNHOME/usr/bin`

Usage —

`aczonelist [-l]`

atattr

Purpose — Lists or modifies Macintosh file attributes.

Location —

`TNHOME/usr/bin`

Usage —

`atattr [-C] [-V] [-v] [-u] [{+|-}bcdimrsw]` *file*`...`

atconvert

Purpose — Converts Macintosh files to the new TAS format.

Location —

`TNHOME/usr/bin`

Usage —

`atconvert [-b] [-c] [-C` *charset*`] [-d] [-H] [-k]` *dir*`...`

atdidck

Purpose — Checks for problems in the ATdidd database.

Location —

`TNHOME/usr/sbin`

Usage —

`atdidck [-d|-a] [-p` *path*`]`

atkprobe

Purpose — Probes for AppleTalk zone information.

Location —

`TNHOME/usr/bin`

Usage —

`atkprobe` *device*`:`*ppa-number*

ddpinfo

Purpose — Gives AppleTalk packet information.

Location —

`TNHOME/usr/bin`

Usage —

`ddpinfo [-i[x]] [-u[x]] [-r]`

desk

Purpose — Lists a volume's Desktop database information.

Location —

`TNHOME/usr/bin`

Usage —

`desk [-C] [-u] [-V] [-{a|h|i}]` *volume*

ipxprobe

Purpose — Probes for IPX transport interface information.

Location —

`TNHOME/usr/bin`

Usage —

`ipxprobe` *device*`:`*ppa-number*

m2u

Purpose — Converts Macintosh files to UNIX files.

Location —

`TNHOME/usr/bin`

Usage —

`m2u [-C] [-u] [-V] [-v]` *file*`...`

maccp

Purpose — Copies Macintosh files and directories.

Location —

`TNHOME/usr/bin`

Usage —

`maccp [-C] [-i] [-p] [-V] [-u]` *sourcefile targetfile*
`maccp [-C] [-i] [-p] [-V] [-u]` *sourcedir targetdir*
`maccp [-C] [-i] [-p] [-V] [-u]` *sourcefile targetdir*

macfsck

Purpose — Checks the Macintosh file system.

Location —

`TNHOME/usr/bin`

Usage —

`macfsck [-C] [-f] [-r] [-s] [-u] [-V] [-v] [-y]` *dir*`...`

macmd

Purpose — Creates a Macintosh directory.

Location —

TNHOME/usr/bin

Usage —

macmd [-C] [-u] [-V] *dir*...

macmv

Purpose — Moves Macintosh files and directories.

Location —

TNHOME/usr/bin

Usage —

macmv [-C] [-f] [-i] [-u] [-V] *file1 file2*
macmv [-C] [-f] [-i] [-u] [-V] *dir1 dir2*
macmv [-C] [-f] [-i] [-u] [-V] *file dir*

macrd

Purpose — Removes Macintosh directories.

Location —

TNHOME/usr/bin

Usage —

macrd [-C] [-u] [-V] *dir*...

macrm

Purpose — Removes Macintosh files and directories.

Location —

TNHOME/usr/bin

Usage —

macrm [-C] [-f] [-i] [-r] [-V] [-u] {*file*|*dir*}...

nbmessage

Purpose — Sends message to NetBIOS clients.

Location —

TNHOME/usr/bin

Usage —

nbmessage [-u *user*] [-c *client*] [-s *service*] [-n *NBclient*...] *message*

nbq

Purpose — Displays NetBIOS print queues.

Location —

`TNHOME/usr/bin`

Usage —

`nbq [`*queue*`...]`

ncget

Purpose — Copies files from a remote NetWare server.

Location —

`TNHOME/usr/bin`

Usage —

`ncget -s` *server* `-u` *user* `{-p` *password*`|-P} \`
`[-C` *charset*`] [-v]` *volume*`:/`*fullpath* *localfile*

ncprint

Purpose — Prints local files to a remote NetWare printer.

Location —

`TNHOME/usr/bin`

Usage —

`ncprint [-c] [-nf] -s` *server* `-q` *queue* `[-N` *copies*`] \`
`-u` *user* `{-p` *password*`|-P}` *file*

ncput

Purpose — Copies files to a remote NetWare server.

Location —

`TNHOME/usr/bin`

Usage —

`ncput -s` *server* `-u` *user* `{-p` *password*`|-P} \`
`[-C` *charset*`]` *localfile* `[-v]` *volume*`:/`*path*

ncslist

Purpose — Lists active NetWare services.

Location —

`TNHOME/usr/bin`

Usage —

`ncslist [-s` *server*`] [-t` *type*`]`

nctime

Purpose — Displays the time of a remote NetWare server.

Location —

`TNHOME/usr/bin`

Usage —

`nctime -s` *server*

nwmessage

Purpose — Sends a message to NetWare clients.

Location —

`TNHOME/usr/bin`

Usage —

`nwmessage [-u` *user*`] [-c` *client*`] [-s` *service*`]` *message*

nwq

Purpose — Displays NetWare print queues.

Location —

`TNHOME/usr/bin`

Usage —

`nwq [`*queue*`...]`

pfinfo

Purpose — Gets finder information for Macintosh files.

Location —

`TNHOME/usr/bin`

Usage —

`pfinfo [-C] [-V] [-u] [-m` *atmap*`]` *file*`...`

ruattr

Purpose — Lists or modifies DOS attributes of remote files.

Location —

`TNHOME/usr/bin`

Usage —

```
ruattr [-u user] [{-p password|-P] [-C charset] \
  [+{a|s|h|r}] [-{a|s|h|r}]   //server/object/path
```

rucopy

Purpose — Copies files between UNIX and a remote NetBIOS server.

Location —

`TNHOME/usr/bin`

Usage —

```
rucopy [-u user] [{-p password|-P}] [-v] [-c] \
   [-C charset] [-f] localfile \
    //server/object/path
rucopy [-u user] [{-p password|-P}] [-v] [-c]\
   [-s] [-C charset] [-a{s|h}] \
    //server/object/path/localpath
```

rudel

Purpose — Deletes files on remote servers.

Location —

`TNHOME/usr/bin`

Usage —

```
rudel [-u user] [{-p password|-P}] [-C charset] \
   [-a{s|h}] //server/object/path
```

rudir

Purpose — Lists remote directories.

Location —

`TNHOME/usr/bin`

Usage —

```
rudir [-u user] [{-p password|-P}] [-C charset] \
   [-a{s|h}] //server/object/path
```

rumd

Purpose — Creates a directory on a remote server.

Location —

`TNHOME/usr/bin`

Usage —

```
rumd [-u user] [{-p password|-P}] [-C charset] \
   //server/object/path
```

rumessage

Purpose — Sends a message to a remote NetBIOS client.

Location —

`TNHOME/usr/bin`

Usage —

```
rumessage [-C charset] //server text
```

ruprint

Purpose — Sends a remote print job.

Location —

`TNHOME/usr/bin`

Usage —

```
ruprint [-u user] [{-p password|-P}] [-N copies] \
   [-v]  [-c] [filespec] //server/object
```

rurd

Purpose — Removes directories from a remote server.

Location —

`TNHOME/usr/bin`

Usage —

```
rurd [-u user] [{-p password|-P}] [-C charset] \
   //server/object/path
```

ruren

Purpose — Renames remote files.

Location —

```
TNHOME/usr/bin
```

Usage —

```
ruren [-u user] [{-p password|-P}] [-C charset] \
   [-a{s|h}] //server/object/path1  path2
```

rush

Purpose — Starts a remote utility shell session.

Location —

```
TNHOME/usr/bin
```

Usage —

```
rush [-u user] [{-p password|-P}] [-C charset] \
   [+{a|s|h|r}] [-{a|s|h|r}]   //server/object/path
```

ruslist

Purpose — Displays the browse list of a system, workgroup, or domain.

Location —

```
TNHOME/usr/bin
```

Usage —

```
ruslist [-v] [-w workgroup]
ruslist [-v] -w workgroup -n transport \
   -i interface [-p ipaddr] [-l] //server
```

rutime

Purpose — Displays the remote system time.

Location —

```
TNHOME/usr/bin
```

Usage —

```
rutime [-u user] [{-p password|-P}] [-s] \
    //server/object
```

tnaccept

Purpose — Accepts client connection requests.

Location —

TNHOME/usr/sbin

Usage —

tnaccept [-r *realm*] [-t *type*] [-s *service*]

tnadvert

Purpose — Configures the transport advertisement.

Location —

TNHOME/usr/sbin

Usage —

```
tnadvert -L [-n transport]
tnadvert [-R [-n transport [-d advertisement \
   [{-a attribute=value}]]]]
tnadvert [(-A|-M) -n transport -d advertisement \
   {-a attribute=value}]
tnadvert [-D -n transport -d advertisement]
```

Attribute

fixed-socket *number*

tnatalk

Purpose — Configures AppleTalk maps.

Location —

TNHOME/usr/sbin

Usage —

```
tnatalk [-L]
tnatalk [-R [-m atmap [{-a attribute}]]]
tnatalk [(-A|-M) -m atmap {-a attribute=value}]
tnatalk [-D -m atmap]
```

Attribute

template-only on|off

tnattach

Purpose — Configures attach points.

Location —

TNHOME/usr/sbin

Usage —

```
tnattach [-L [-r realm [-s service]]]
tnattach [-R [-r realm [-s service \
   [-j attach-point [-a attribute}]]]]]
tnattach [(-A|-M) -r realm -s service \
   -j attach-point {-a attribute=value}]
tnattach [-D -r realm -s service -j attach-point]
```

Attributes

```
path pathname
volume volumename
```

tncct

Purpose — Configures client contexts.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tncct -r realm -s service \
   [-c client-context -u user]
```

tnchgrp

Purpose — Changes the group ID of files and directories.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tnchgrp [-f] [-i] [-R] group {file...| dir...}
```

tnchmod

Purpose — Changes the mode of files or directories.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tnchmod [-f] [-i] [-R] absolute-mode \
   {file...| dir...}
tnchmod [-f] [-i] [-R] symbolic-mode-list \
   {file...|dir...}
```

tnchown

Purpose — Sets the user ID of files or directories.

Location —

`TNHOME/usr/bin`

Usage —

`tnchown [-f] [-i] [-R]` *owner* {*file*`...|`*dir*`...}`

tnck

Purpose — Checks lock information and the runtime database.

Location —

`TNHOME/usr/sbin`

Usage —

`tnck [-n] [-r` *realm*`] [-t` *type*`] [-s` *service*`]`

tncmnames

Purpose — Displays TAS character set map names.

Location —

`TNHOME/usr/bin`

Usage —

`tncmnames`

tncp

Purpose — Copies files and directories.

Location —

`TNHOME/usr/bin`

Usage —

`tncp [-f] [-i] [-p]` *file1 file2*
`tncp [-f] [-i] [-p]` *file*`...` *dir1*
`tncp [-f] [-i] [-p] -R` *dir1 dir2*

tncustom

Purpose — Configures the tnpasswd utility environment.

Location —

`TNHOME/usr/sbin`

Usage —

```
tncustom [-L]
tncustom [-R [-u utility [{-a attribute}]]]
tncustom (-A|-M) -u utility {-a attribute=value}
tncustom -D -u utility
```

Attributes

```
command commandtitle
new-prompt string
old-prompt string
user-prompt string
```

tndirck

Purpose — Checks and synchronizes shadow files.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tndirck [-f] [-i] [-p] [-R] dir...
```

tngettext

Purpose — Gets a translated text string from tnmsgfmtó.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tngettext [domain] ''msgid''
```

tniface

Purpose — Configures transport interfaces.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tniface [-L [-n transport]]
tniface [-R [-n transport [-i interface \
  [{-a attribute}]]]
tniface [(-A|-M) -n transport -i interface \
   {-a attribute=value}]
tniface [-D -n transport -i interface]
```

Attributes

```
address IP-address
broadcast IP-address
checksum on|off
default-zone zonename
device devicename
frame-type frametype
mtusize size
netmask IP-address
net-number network-number
net-range network-range
zonelist list
```

tninfo

Purpose — Displays connected client information.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tninfo [-r realm] [-t type] [-s service] [-f] \
   [-u user|-c client]
```

tnistat

Purpose — Checks the status of tnipx network connections.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tnistat [-a] [-h] [-i] [-v] [-x] [c|p|r|u]
```

tnkill

Purpose — Disconnects TAS clients.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnkill [-C][-f] {-u user|-c client} [-r realm] \
   [-t type] [-s service]...{minutes [reason]}
```

tnld

Purpose — Displays file service lockfile information.

Location —

TNHOME/usr/bin

Usage —

```
tnld [-h] [-l] [-s] [-w] [-c client] [-f file] \
   [-i inode-number] [-u user]
```

tnlicense

Purpose — Displays TAS license information.

Location —

TNHOME/usr/sbin

Usage —

```
tnlicense [-h] [-l] [-d product] [-p product] \
   [-k key] [-a key][-m key]
```

tnmsgfmt

Purpose — Creates message object files from portable object files.

Location —

TNHOME/usr/bin

Usage —

```
tnmsgfmt [-v] filename.xmsg
```

tnmv

Purpose — Moves files and directories.

Location —

TNHOME/usr/bin

Usage —

```
tnmv [-f] [-i] file1 file2
tnmv [-f] [-i] file... dir
tnmv [-f] [-i] dir1 dir2
```

tnnetmgr

Purpose — Configures network managers.

Location —

TNHOME/usr/sbin

Usage —

```
tnnetmgr [-L [-r realm]]
tnnetmgr [-R [-r realm [-g net-manager \
   [{-a attribute}]]]]
tnnetmgr [(-A|-M) -r realm -g net-manager \
   {-a attribute=value}]
tnnetmgr [-D -r realm -g net-manager]
```

Attributes

```
address IP-address
community name
```

tnpasswd

Purpose — Administers TAS user passwords.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tnpasswd [-u user] [-r realm...] [-s script...]
tnpasswd -d user [-r realm...]
```

tnpref

Purpose — Configures printer references.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnpref [-L [-r realm [-s service]]]
tnpref [(-A|-D) [-r realm [-s service \
   [-p printer]]]]
```

tnprinter

Purpose — Manages printers as system objects.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnprinter [-L]
tnprinter [-R [-p printer [{-a attribute=value}]]]
tnprinter [(-A|-M) -p printer {-a attribute=value}]
tnprinter [-D -p printer]
```

Attributes

```
atalk-device-name string
description string
queue queuename
share-access on|off
share-passwd password-string
spooler-options option-strings
template-only on|off
```

tnrealm

Purpose — Configures TAS realms.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnrealm [-L]
tnrealm [-R [-r realm [{-a attribute}]]]
tnrealm [(-A|-M) -r realm {-a attribute=value}]
tnrealm [-D -r realm]
```

Attributes

```
anninterval seconds
bindery-load username|ALL
lm-domain domain-name
transport tcpip|tnnbu|tnipx|tnatk
wins-servers value
win95-logon-script-dflt value
```

tnreject

Purpose — Rejects client connection requests.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnreject [-r realm] [-t type] [-s service]
```

tnrm

Purpose — Removes files and directories.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tnrm [-f] [-i] file
tnrm [-f] [-i] -R dir
```

tnroute

Purpose — Configures static routes.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnroute [-L -n transport]
tnroute [-R [-n transport [-o route \
   [{-a attribute}]]]]
tnroute [(-A|-M) -n transport -o route \
  {-a attribute=value}]
tnroute [-D -n transport -o route]
```

Attribute

`gateway` *address*

tnservice

Purpose — Configures TAS services.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnservice [-L [-r realm]]
tnservice [-R [-r realm [-s service \
   [{-a attribute}]]]]
tnservice [(-A|-M) -r realm -s service \
  {-a attribute=value}]
tnservice [-D -r realm -s service]
```

Attributes (all services)

```
aliases value
command UNIX-command
description string
home path
persistent on|off
plex unique|group
template-only on|off
transport tcpip|tnnbu|tnipx|tnatk
umask octal-number
user username
```

Attributes (file services)

```
activity on|off
attdefault volumename|attachname
authent-proxy servicename:service-type
browse-election-bias 0-255
browse-election-version 0-65535
browse-master on|off|domain
browse-user on|off
cachesize size
chpass on|off
client-charset name
client-encryption on|off
clienttime on|off
commmandpath path
db-update-interval seconds
dce-authentication on|off
dfreport all|root
guest username
keepalive number
lm-announce on|off
login-control allow|deny username...
machine string
max-conns number
netiosize number
nice number
no-login username...
null-group groupID
null-passwd-login on|off
openfiles number
packet-burst on|off
passwdage on|off
prdefault printername
prelip-rpktsize size
preserve-whitespace on|off
restrictdcm on|off
savepass on|off
searchcount number
share-mode on|off
share-user username
smb-protocol-level core|lanman 1.0|lanman 2.0|lanman 2.1
spooldir path
trace option-string
user-map name
windows95-logon on|off
```

tnshut

Purpose — Stops TAS services.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnshut [-f] [-r realm] [-t type] [-s service]
tnshut -C [-r realm] [-t type] [-s service]
tnshut [minutes... [reason...]]
```

tnsname

Purpose — Configures static NetBIOS names.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnsname [-L -n transport]
tnsname [-R [-n transport [-s static_name \
   [{-a attribute}]]]]
tnsname [(-A|-M) -n transport -s static_name \
   [{-a attribute=value}]]
tnsname [-D -n transport -s static_name]
```

Attribute

`address` *IP-address*

tnstart

Purpose — Starts TAS services.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnstart [-r realm] [-t type] [-s service]
tnstart -B [-r realm]
tnstart -F
```

tnstat

Purpose — Displays TAS status.

Location —

`TNHOME/usr/bin`

Usage —

```
tnstat [-r realm] [-t type] [-s service]
```

tnstype

Purpose — Configures service types.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnstype [-L [-r realm]]
tnstype [-R [-r realm [-t type [{-a attribute}]]]]
tnstype [(-A|-M) -r realm -t type \
   {-a attribute=value}]
tnstype [-D -r realm -t type]
```

Attributes

```
description string
fixed-socket number
protocol protocol
type physical-type-code
```

tnsuffix

Purpose — Configures suffixes for AppleTalk maps.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnsuffix [-L [-m atmap]]
tnsuffix [-R [-m atmap [-x suffix \
   [{-a attribute}]]]]
tnsuffix [(-A|-M) -m atmap -x suffix \
  {-a attribute=value}]
tnsuffix [-D -m atmap -x suffix]
```

Attributes

```
comment string
conversion ascii|binary
creator Macintosh-creator-code
type Macintosh-type-code
```

tnsystem

Purpose — Configures the TAS system.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnsystem [-R [{-a attribute}]]
tnsystem [-M {-a attribute=value}]
```

Attributes

```
admin-user username
dfinterval interval
host-charset name
host-packaging default|single|euc|shift-jis
spooler spoolername
```

```
start-at-boot on|off
system-name name
```

tntransport

Purpose — Configures TAS transports.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tntransport [-L]
tntransport [-R [-n transport [{-a attribute}]]]
tntransport [(-A|-M) -n transport \
   {-a attribute=value}]
tntransport [-D -n transport]
```

Attribute (all transports)

```
template-only on|off
```

Attributes (tcpip transport)

```
bcast-style IP-address
NB-dgram-port port-number
NB-ensclient on|off
NB-ens-port UDP-port-number
NB-name-port port-number
NB-nd-addr IP-address
NB-nd-enable on|off
NB-nd-port port-number
NB-nokeep on|off
NB-scope scope-string
NB-session-port port-number
recvbuf bufsize
sendbuf bufsize
```

Attributes (tnipx transport)

```
rip-age-multiple number
rip-age-timeout seconds
rip-bcast-interval seconds
rip-ipg milliseconds
rip-max-entries number
rip-poll-base seconds
rip-xck-fract number
rip-xck-multiple number
rip-xck-prob number
router on|off
sap-age-interval seconds
sap-age-timeout seconds
sap-answer-nearest on|off
sap-bcast-interval seconds
sap-ipg milliseconds
sap-max-entries number
spxmaxpacket size
```

Attributes (tnatk transport)

```
local-zone zonename
router auto|on|off
```

tnumap

Purpose — Configures username maps.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnumap [-L]
tnumap [-R [-m user-map [{-a attribute}]]]
tnumap [(-A|-M) -m user-map [{-a attribute=value}]]
tnumap [-D -m user-map]
```

tnumapuser

Purpose — Configures user maps.

Location —

```
TNHOME/usr/sbin
```

Usage —

```
tnumapuser [-L [-m user-map]]
tnumapuser [-R [-m user-map [-u internal-user \
   [{-a attribute}]]]]
tnumapuser [(-A|-M) -m user-map -u internal-user \
   {-a attribute=value}]
tnumapuser [-D -m user-map -u internal-user]
```

Attribute

```
external-users names
```

tnvolck

Purpose — Checks and synchronizes shadow files.

Location —

```
TNHOME/usr/bin
```

Usage —

```
tnvolck [-a] [-[y|n]] [-p] [volume[:file]]
```

tnvolume

Purpose — Manages volumes.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnvolume -L
tnvolume -R [-v volume [-a attribute]]
tnvolume (-A|-M) -v volume {-a attribute=value}
tnvolume -D -v volume
```

Attributes

```
atalk-map map-name
atalk-password password
atalk-per-session-dids on|off
atalk-text-conv on|off
description string
filename-case lower|preserve|default
meter on|off
path pathname
protect limit
share-access on|off
share-passwd password-string
template-only on|off
umask number
```

tnvref

Purpose — Configures volume references.

Location —

`TNHOME/usr/sbin`

Usage —

```
tnvref [-L [-r realm [-s service]] -v volume]
tnvref [(-A|-D) -r realm -s service -v volume]
```

tnwho

Purpose — Lists connected TAS clients.

Location —

`TNHOME/usr/bin`

Usage —

```
tnwho [-r realm] [-t type] [-s service]
```

u2m

Purpose — Converts UNIX files to Macintosh files.

Location —

`TNHOME/usr/bin`

Usage —

`u2m [-C] [-u] [-V] [-v]` *file*`...`

How to Reach Us

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If You Need Help

Before contacting Syntax, please have the following information ready:

- Your version of TAS.
- Your version of UNIX and the type of machine on which TAS is installed.
- The circumstances leading to the problem, including other operating systems, software and hardware involved.
- Any error messages displayed on the screen or in the log file.
- Your Syntax AAA serial number from the media or box.

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