

Quick Reference

The most common tacctl commands on one card · Checked against tacctl 0.2.22

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The most common tacctl commands on one card. The **Tier** column gives the lowest tier that can run each one: R read-only · O operator · E engineer (own scopes) · S superuser. Run any command family with no arguments for its usage. In the console and `tacctl shell`, `?` shows help.

1. Everyday

Task	Command	Tier
Interactive prompt	<code>tacctl shell (--password-cache)</code>	R
Change own password	<code>tacctl passwd</code>	R
Server health	<code>tacctl status</code>	R
Find problems	<code>tacctl config validate</code>	O
Help	<code>tacctl <command> --help</code> · <code>tacctl man [<topic>]</code>	R
Password cache (your own choice)	<code>console password-cache on off (console word)</code>	O

2. Devices

Task	Command	Tier
List / filter	<code>tacctl device list [--scope s] [--vendor v] [--stale] [--differs] [--differs:O]</code>	R
Detail	<code>tacctl device show <n></code>	R
Connect	<code>tacctl ssh <n> [-- <cmd>]</code>	R
Notices	<code>tacctl device notice list</code>	R
Health check	<code>tacctl device check <n></code>	O
Unregistered	<code>tacctl device discover [--snmp]</code>	O
Register	<code>tacctl device add <n> <ip> --vendor cisco juniper wti [--pull]</code>	E
Enroll discovered	<code>tacctl device enroll --discovered</code>	E
Edit field	<code>tacctl device address description location <n> <value></code>	E
Rename / remove	<code>tacctl device rename <old> <new></code> · <code>device remove <n></code>	E
Re-pin key	<code>tacctl device hostkey <n> set SHA256:<fp></code>	E
Drift state	<code>tacctl device config list [--differs]</code>	O

Task	Command	Tier
Read config	<code>tacctl device config pull <n> --scope s</code>	E
Diff / plan	<code>tacctl device config diff <n> · device config plan <n></code>	E
Junos apply	<code>tacctl device config apply <n> [--check]</code>	E
Where the time of a run goes	<code>--timing</code> on <code>device config pull</code> , <code>diff</code> , <code>--pull</code> , <code>plan</code> , <code>--pull</code> or <code>apply</code>	E
Timing scale of a slow or distant device	<code>tacctl device timeout-scale <n> [<1-10> clear]</code> (the scale is in device show)	S
Back-out	<code>tacctl device config plan <n> --backout</code>	E

3. Users

Task	Command	Tier
List / detail	<code>tacctl user list · user show <n></code>	R
Add	<code>tacctl user add <n> <group> --scopes <s,...></code>	S
Password reset	<code>tacctl user passwd <n></code>	S
Require / lift a password change	<code>tacctl user require-password-change <n> [on off]</code>	S
Scopes	<code>tacctl user scope <n> add remove replace <s,...></code>	S
Change group	<code>tacctl user move <n> <group></code>	S
Suspend / restore	<code>tacctl user disable enable <n></code>	S
Remove	<code>tacctl user remove <n></code>	S

4. Linux hosts

Task	Command	Tier
List / filter	<code>tacctl host list [--name t] [--ip a] [--scope s] [--stale] · host show <n></code>	E
Check	<code>tacctl host check --all [--concurrency <n>]</code>	S
Push accounts	<code>tacctl host sync --all [--concurrency <n>]</code>	S
Enroll	<code>tacctl host enroll <user>@<host> --scope <s></code>	S
Move / retire	<code>tacctl host move <n> <s> · host unenroll <n></code>	S

5. Scopes

Task	Command	Tier
List	<code>tacctl scope list</code>	R
First-match order	<code>tacctl scope routing</code>	S
Who owns an IP	<code>tacctl scope lookup <ip></code>	S
Prefixes	<code>tacctl scope prefixes <s> add remove <cidr></code>	S
Rotate secret	<code>tacctl scope secret <s> generate</code>	S
Timing scale of a scope	<code>tacctl scope timeout-scale <s> [<1-10> clear]</code> (the scale is in scope show)	S
Break-glass accounts	<code>tacctl scope breakglass <s> add <user></code>	S
Junos filter mode: show	<code>tacctl scope mgmt-acl <s> mode</code>	E
Junos filter mode: set	<code>tacctl scope mgmt-acl <s> mode ssh-only strict</code>	S

6. Emergencies

Task	Command	Tier
Preview lockdown	<code>tacctl emergency lockdown <s> enable --dry-run</code>	S
Lock down	<code>tacctl emergency lockdown <s> enable [groups] --reason "..."</code>	S
Status	<code>tacctl emergency lockdown status</code>	S
Lift	<code>tacctl emergency lockdown <s> disable</code>	S
Hold device/host	<code>tacctl breakglass hold <n> --reason "..."</code>	S
Release	<code>tacctl breakglass release <n></code>	S
List holds	<code>tacctl breakglass list</code>	E

7. This server

Task	Command	Tier
This server at a glance	<code>tacctl server show</code>	S
Show the server address	<code>tacctl server addresses</code>	S

Task	Command	Tier
Change it	<code>tacctl server addresses replace <ip></code>	S
Name shown in the console	<code>tacctl server name [<label> unset]</code>	S
Timing scale of every device	<code>tacctl config devices timeout-scale [<1-10>]</code>	S
Where a backend listens	<code>tacctl server listen [show]</code>	S
Prometheus exporter	<code>tacctl server metrics [show]</code>	S
Rebuild or repair the server's own login	<code>tacctl host enroll --local</code>	S

8. Logs and recovery

Task	Command	Tier
Live	<code>tacctl log tail -f</code>	O
Search	<code>tacctl log search <term></code>	O
Failures (24 h)	<code>tacctl log failures</code>	O
Accounting	<code>tacctl log accounting [n]</code>	O
Snapshots	<code>tacctl backup list</code>	O
Diff / restore	<code>tacctl backup diff [ts] · backup restore <ts></code>	S
Audit trail	<code>journalctl -t tacctl -t tacctl-console</code>	—

9. Exit codes

0 ok · 1 refused/failed · 2 wrong arguments or a change is needed (`--exit-code`) · 3 refused to overwrite a hand edit · 130 interrupted. Details: *Exit Codes*.

See also: *Getting Started* · *Command Reference Map* · *Glossary* · `man tacctl`