

Uplivra is in beta and online purchasing is paused. **Apply to test it:** testers get a license on request and 10% off when purchasing opens.

INSTALL GUIDE · ADMINISTRATORS AND ENGINEERS

Command-line reference

Every uplivra command: what it does, where to run it, examples and exit codes for scripts.

Uplivra Technologies LLC · Guide for Uplivra 26.10 · Updated 11 October 2026 · Latest version:
<https://uplivra.com/guides/command-line.html>

Every uplivra command, what it does and where to run it. The same list is built into the program: type uplivra help , or uplivra help COMMAND for one command.

How to run them

- **Uplivra appliance:** sign in as uplivra and type the command. No sudo : Uplivra asks for the rights a command needs by itself, and only for Uplivra's own commands.
- **Server or collector you installed yourself:** run them as root, or as a member of the uplivra group.
- **Windows:** open a command window as administrator and type uplivra the same way.

Every command

Start here

Command	What it does	Run it on
help	List the commands, or show how to use one	any computer with Uplivra
setup	Install Uplivra (server, collector, log collector or MSP master), or upgrade it	a new Linux computer, or one to upgrade

Command	What it does	Run it on
<code>join</code>	Connect this collector to your Uplivra server with a setup code	a collector or appliance
<code>version</code>	Show which version of Uplivra this is	any computer with Uplivra
<code>terms</code>	Show the license terms	any computer with Uplivra

Search

Command	What it does	Run it on
<code>devices</code>	Find devices by name, address, maker, model, type, tags or status	the Uplivra server
<code>alerts</code>	List open alerts (-all: recent closed ones too)	the Uplivra server
<code>notices</code>	List what Insights spotted	the Uplivra server
<code>ask</code>	Ask Insights a question in plain words	the Uplivra server
<code>logs</code>	Search log messages and traps; on a log collector, read and check the archive	the Uplivra server (search) or a log collector (archive)

DNS and time

Command	What it does	Run it on
<code>dns</code>	Uplivra's DNS server: zones, records, CSV import and export, lookups and tests	the Uplivra server (zones and records); any computer (lookups and tests)

Command	What it does	Run it on
<code>ntp</code>	Uplivra's NTP server: is it passing the time on, to how many devices; test any NTP server	a collector or appliance that serves time (status); any computer (test)

Network and remote access

Command	What it does	Run it on
<code>firewall</code>	Open the firewall for a while, for a vulnerability scan	an Uplivra appliance
<code>ports</code>	The ports this computer needs open, in and out	any computer with Uplivra
<code>remote-access</code>	Remote support through this collector: on, off, approval	a collector or appliance
<code>connect</code>	Connect your own program (Remote Desktop, PuTTY, a browser) through a remote session	your own computer
<code>status-page</code>	The collector's own HTTPS management page: port, password, who may open it	a collector or appliance
<code>cert</code>	Company certificates: make a signing request, check a certificate, store one in Uplivra	any computer with Uplivra

People, passwords and keys

Command	What it does	Run it on
<code>user</code>	Who can sign in to the web interface: add, reset a password, turn off	the Uplivra server
<code>token</code>	API tokens for scripts and other software	the Uplivra server

Command	What it does	Run it on
<code>vault</code>	The passwords this collector uses to log in to devices	a collector or appliance
<code>ldap</code>	Check the Active Directory / LDAP sign-in settings	the Uplivra server

Backups, upgrades and services

Command	What it does	Run it on
<code>backup</code>	Back up the database and keys (to <code>/var/backups/uplivra</code>)	the Uplivra server
<code>restore</code>	Restore a backup	the Uplivra server
<code>upgrade</code>	Upgrade from an offline update package	the Uplivra server or a collector
<code>service</code>	Status, start, stop, restart and logs of the Uplivra services	the Uplivra server or a collector
<code>system</code>	The system helper: applies settings from the server (you don't normally run it)	the Uplivra server or a collector

Run by the system

Command	What it does	Run it on
<code>server</code>	The Uplivra server program (its service runs it)	the Uplivra server
<code>collector</code>	The collector program (its service runs it)	a collector or appliance
<code>aaa-node</code>	Run this computer as an Access Control (TACACS+ and RADIUS) node	an Access Control node

For scripts

- Results go to standard output and messages to standard error, so `>` and `|` only carry the results.
- Commands that list things take `-json`.
- Exit codes are the same for every command:

Code	Means
0	Done
1	Failed (the message says why)
2	Wrong use: an unknown command or option
3	Not found, or a check failed (only commands that check something)

uplivra help

List the commands, or show how to use one. Run it on any computer with Uplivra.

```
uplivra help
uplivra help dns
uplivra help -json
```

uplivra setup

Install Uplivra (server, collector, log collector or MSP master), or upgrade it. Run it on a new Linux computer, or one to upgrade.

Set up this computer as an Uplivra server, collector, log collector or MSP master collector. It asks a few questions, checks the hardware and the network, then installs everything.

```
uplivra setup                answer the questions
uplivra setup -answers setup.json  unattended (same questions, from a file)
uplivra setup -dry-run         show what would be done, change nothing
uplivra setup -appliance       the Uplivra appliance's first boot
```

Run it again at any time to upgrade the program; your settings are kept.

uplivra join

Connect this collector to your Uplivra server with a setup code. Run it on a collector or appliance.

Connect this collector to your Uplivra server.

In Uplivra: Settings > Sites and collectors > your site > Connect a collector. It shows the server address, a one-time setup code and the certificate fingerprint. Then, on this collector (over SSH you can paste):

```
uplivra join                asks for each
uplivra join -server https://uplivra.example.com -code uv_enr_...
```

The collector's management page (<https://<this computer>/>) does the same.

uplivra version

Show which version of Uplivra this is. Run it on any computer with Uplivra.

```
uplivra version
```

uplivra terms

Show the license terms. Run it on any computer with Uplivra.

```
uplivra terms
```

uplivra devices

Find devices by name, address, maker, model, type, tags or status. Run it on the Uplivra server.

Search Uplivra from the command line (on the Uplivra server).

Run as root, as uplivra on an appliance, or as a member of the uplivra group.

```
uplivra logs [WORDS] [options]      Log messages and SNMP traps, newest first
  -from DEVICE      one device (name or address)
  -since 1h          how far back: 15m, 1h, 24h (default), 7d, 30d
  -severity error    critical, error or warning (and worse)
  -kind trap         trap or syslog
  -limit 200         most messages to show
  -f                keep going: print new messages as they arrive
  -oldest            oldest first (handy with grep and tail)
WORDS are the same plain words as the Logs page search box:
uplivra logs failed login
uplivra logs "link down" not test
uplivra logs errors from lab-fw-01 last 2 hours
uplivra logs /fail(ed|ure)/          (a regular expression)

uplivra devices [WORDS] [-status down] [-site NAME]
  Devices whose name, address, vendor, model, type, tags or OS match.
uplivra devices down                (the word "down" works too: up, warn, down, unknown)
uplivra devices switch -site Lab

uplivra alerts [-all]               Open alerts (-all: recent closed ones too)
uplivra notices                     What Insights spotted
uplivra ask "QUESTION"              Ask Insights (built-in analysis)
uplivra ask "why is lab-sw-01 slow?"
uplivra ask "what changed in the last 7 days?"
uplivra ask -search "failed logins on the firewall today"
                                   (shows the log search it would run, and runs it)
```

Options for every command:

```
-json          JSON instead of text, for scripts
-org NAME      an organization other than your own (service providers)
-config FILE   the server config (default `/etc/uplivra/server.json`)
```

Examples with other tools:

```
uplivra logs denied -since 7d | grep -c 203.0.113.9
uplivra logs -kind trap -since 24h | sort | uniq -c | sort -rn | head
uplivra devices -json | jq -r '.[ ] | select(.status=="down") | .name'
```

uplivra alerts

List open alerts (-all: recent closed ones too). Run it on the Uplivra server.

Full options: see [uplivra devices](#).

```
uplivra alerts
uplivra alerts -all -json
```

uplivra notices

List what Insights spotted. Run it on the Uplivra server.

Full options: see [uplivra devices](#).

```
uplivra notices
```

uplivra ask

Ask Insights a question in plain words. Run it on the Uplivra server.

Full options: see [uplivra devices](#).

```
uplivra ask "why is lab-sw-01 slow?"
uplivra ask "what changed in the last 7 days?"
```

uplivra logs

Search log messages and traps; on a log collector, read and check the archive. Run it on the Uplivra server (search) or a log collector (archive).

Full options: see [uplivra devices](#).

```
uplivra logs failed login
uplivra logs -from lab-fw-01 -since 2h
uplivra logs archive -from 2026-09-01 -text denied
```

The log collector's archive (on the server, "uplivra logs WORDS" searches the server's own logs instead: see above). Run these on the log collector, or on any computer with a copy of the archive (for example files restored from the off-site copy) and its key.

Usage:

```
uplivra logs archive [-from 2026-09-01] [-to 2026-09-25] [-text words] [-source 10.0.0.1]
[-limit 500]
uplivra logs verify          Check every file against the hash chain
uplivra logs usage          Size, oldest message and disk space
uplivra logs read FILE      Print one archive file (.ulog) as text
```

Options for every command:

```
-config collector.json      Find the archive and key from the collector's settings
-dir DIR -key FILE          Or name them directly (for restored copies; the key
                             can be downloaded from the collector's page in Uplivra)
```

uplivra dns

Uplivra's DNS server: zones, records, CSV import and export, lookups and tests. Run it on the Uplivra server (zones and records); any computer (lookups and tests).

Uplivra's DNS server from the command line: zones and records, the DNS servers' upstreams and forwarders, and lookups and tests.

Zones and records (on the Uplivra server):

```

uplivra dns zones                                list the zones
uplivra dns zone add office.example.com [-ttl 300] [-auto-dhcp] [-auto-ipam] [-note TEXT]
uplivra dns zone remove office.example.com [-yes]
uplivra dns records office.example.com           its records (# is each one's number) and
automatic names
uplivra dns add office.example.com printer A 192.168.10.20 [-ttl 300] [-if-missing]
uplivra dns add office.example.com @ MX mail.example.com. -priority 10
uplivra dns add office.example.com _sip._tcp SRV pbx -priority 10 -weight 5 -port 5060
uplivra dns add office.example.com @ TXT "v=spf1 mx -all"
uplivra dns set office.example.com www CNAME web1 make www exactly this (adds or replaces)
uplivra dns edit office.example.com 42 -value 192.168.10.21 change record 42
uplivra dns delete office.example.com 42         remove record 42
uplivra dns delete office.example.com printer A [VALUE] remove by name and type
uplivra dns find 192.168.10.20                   every record, in every zone, with this
in its name or value
uplivra dns import office.example.com zone.csv [-replace] [-dry-run]
    A CSV or a BIND-style zone file. -dry-run shows what would change and
    changes nothing. Exact copies of records already there are left out.
uplivra dns import -all all-zones.csv [-dry-run] a CSV with a zone column, into those
zones
uplivra dns export office.example.com [-csv] [-automatic] > office.csv
    A zone file (or CSV). -automatic adds the names made from DHCP leases and
    IP reservations, marked as such; importing leaves them out.
uplivra dns export -all [-automatic] > all-zones.csv every zone, as CSV
uplivra dns batch changes.txt [-dry-run]         many changes at once: all of them, or
none
    One change a line, the same words as above without "uplivra dns":
    add office.example.com printer A 192.168.10.20
    set office.example.com www CNAME web1
    delete office.example.com fax A
uplivra dns secondaries office.example.com       servers allowed to copy the zone

```

The DNS servers (on the Uplivra server, or on a DNS appliance for itself):

```

uplivra dns status                                each DNS server: on, listening, queries,
problems
uplivra dns upstreams [-check] [-ask NAME]        where other names are looked up; -check
asks each now
    (DNS over TLS with its certificate name checked, and whether answers are
    DNSSEC-checked)
uplivra dns forwarders [-check] [-ad]            domains sent to other DNS servers; -
check asks each
    one for the zone's SOA, and -ad looks for Active Directory domain controllers
uplivra dns compare office.example.com           the zone's serial on every DNS server
and secondary

```

Lookups and tests (any computer, no rights needed):

```
uplivra dns lookup printer.office.example.com [-type AAAA] [-server 192.168.10.2]
```

The answer in plain words. An IP address looks up its name.

```
uplivra dns dig [@192.168.10.2] example.com [MX] [+short] [+tcp] [+tls] [+dnssec]
[+norecurse] [+trace] [-x ADDRESS]
```

dig's usual output. +tls asks over DNS over TLS (port 853), +trace follows the name down from the root servers.

```
uplivra dns test printer.office.example.com [-type A] [-server 192.168.10.2]
```

Ask a DNS server and explain the answer, with the reason for a block.

For scripts:

```
-json      JSON instead of text (every command)
-q         print nothing; use the exit code
-yes       don't ask before replacing or removing (needed when no one is at the keyboard)
-dry-run   show what would change; change nothing
-          in place of a file name: read standard input
-timeout 4s how long to wait for each DNS answer
```

Exit codes: 0 done, 1 failed, 2 wrong use, 3 not found or a check failed

(a name that doesn't exist, an upstream that didn't answer, nothing found).

```
uplivra dns export office.example.com -csv | grep -c ',A,'
```

```
uplivra dns lookup www.example.com -q || echo "www.example.com doesn't resolve"
```

```
uplivra dns upstreams -check -json | jq '.[].checks[] | select(.ok == false)'
```

On an appliance, sign in as uplivra and type these without sudo. Every change is in the audit log with who made it. The same can be done from anywhere with the management API (/api/v1/dns/...) and a token.

uplivra ntp

Uplivra's NTP server: is it passing the time on, to how many devices; test any NTP server. Run it on a collector or appliance that serves time (status); any computer (test).

Uplivra's NTP server: a collector hands its clock to the devices on its networks. Turn it on in the web interface (Network > NTP server).

```
uplivra ntp status          the NTP server on this computer (on the Uplivra
                           server: every collector's): passing the time on
                           or not and why, stratum, the time server it is
                           compared with, devices in the last hour, answers
uplivra ntp test SERVER    ask any NTP server (a name or address, :port if
                           not 123) and say how far its time is from this
                           computer's, its stratum and reference
```

Options: -json (JSON), -q (print nothing; use the exit code), -timeout 4s.
Exit codes: 0 fine, 1 failed, 2 wrong use, 3 the server didn't answer, or an NTP server here isn't passing the time on.

```
uplivra ntp test 192.168.10.2 -q || echo "no time from 192.168.10.2"
```

uplivra firewall

Open the firewall for a while, for a vulnerability scan. Run it on an Uplivra appliance.

Open this appliance's firewall for a while, for a vulnerability scan that needs every port reachable. Every window closes by itself.

```
uplivra firewall          show the firewall and any open window
uplivra firewall open PORTS [-from ADDRESS] [-for 4h] [-reason TEXT]
                           open ports: 22,443/tcp,1000-2000/udp or all
                           (-from: only from the scanner's address or network)
uplivra firewall off [-for 4h] [-reason TEXT]
                           turn the firewall off completely
uplivra firewall close    close the window now
```

-for is 10m to 7d (default 4h). Administrators can do the same in the web interface (Settings > Firewall for scans). Type it without sudo: Uplivra asks for the rights for this command only.

uplivra ports

The ports this computer needs open, in and out. Run it on any computer with Uplivra.

Shows the ports this computer needs open, incoming and outgoing, from its settings. Give these to whoever manages your firewalls.

Usage:

```
uplivra ports                this computer
uplivra ports -mode msp-master another kind of computer
uplivra ports -all            every kind
```

uplivra remote-access

Remote support through this collector: on, off, approval. Run it on a collector or appliance.

Remote support through this collector: SSH, Remote Desktop and web pages to this computer or to devices on its network, from the Uplivra web interface, carried inside the collector's own HTTPS connection (nothing new is opened in the firewall). Off until turned on here.

```
uplivra remote-access        show the settings
uplivra remote-access on     turn it on (asks a few questions)
uplivra remote-access network this computer and devices on its network
uplivra remote-access this-computer this computer only
uplivra remote-access off    turn it off
```

Options (with any of the above):

```
-approval always    technicians connect without asking (default)
-appraisal ask      every session needs approval (in Uplivra, or on this
                    collector's management page)
-appraisal ask-local every session needs approval on this collector's
                    management page, and only there
-ports 22,3389,443  which ports sessions may reach
-local-only yes     only this computer may change these settings; the Uplivra
                    web interface can't turn remote access on (no = allow it)
```

Administrators can also turn it on or off in the web interface (Remote access > Collectors), unless -local-only is set. A change made here replaces one made there.

uplivra connect

Connect your own program (Remote Desktop, PuTTY, a browser) through a remote session. Run it on your own computer.

Connects your own program (Remote Desktop, SecureCRT, PuTTY, a browser) to a device through an approved Uplivra remote session.

```
uplivra connect "https://uplivra.example.com/remote/.../connect#t=..."
```

Copy the whole command from the session's page in Uplivra. Leave this window open while you work; press Ctrl+C to stop.

uplivra status-page

The collector's own HTTPS management page: port, password, who may open it. Run it on a collector or appliance. Also called `uplivra management-page`.

The collector's management page: a small HTTPS page on the collector itself that shows whether it can reach your Uplivra server, its clock, disk, roles and log storage. Useful exactly when the server can't be reached. ("uplivra management-page" is the same command.)

Usage:

<code>uplivra status-page -port 443</code>	turn it on (asks for a password)
<code>uplivra status-page -port 9443</code>	move it to another port
<code>uplivra status-page</code>	set a new password
<code>uplivra status-page -allow 10.0.0.0/24</code>	only allow these networks
<code>uplivra status-page -port 0</code>	turn it off
<code>uplivra status-page -certbot status.example.com</code>	a trusted Let's Encrypt certificate through certbot (renewed automatically)
<code>uplivra status-page -certbot off</code>	back to the certificate chosen in Uplivra

Then open `https://<this computer>/` in a browser (add `:<port>` if it isn't 443). On an MSP master collector the page shares its port with customer collectors; moving the page moves where they connect only if the relay uses the same port.

uplivra cert

Company certificates: make a signing request, check a certificate, store one in Uplivra. Run it on any computer with Uplivra.

Company certificates for Uplivra. The same things can be done in the web interface under Settings > Certificates.

On any computer (makes files; no server needed):

```
uplivra cert csr -cn NAME [-san "name2,10.0.0.5"] [-org "Acme"] [-country US] [-key-type ecdsa-p384] [-out DIR]
```

Makes a private key (NAME.key.pem) and a signing request (NAME.csr) to send to your certificate authority.

```
uplivra cert check -cert FILE [-key FILE]
```

Shows a certificate and checks it matches the key and is in date.

On the server (stored in Uplivra, key kept encrypted):

```
uplivra cert list [-config server.json]
```

```
uplivra cert import -name NAME -cert FILE -key FILE [-use web|relay|web,relay] [-config server.json]
```

```
uplivra cert use -name NAME -use web|relay|web,relay|none [-config server.json]
```

For a relay collector, put the files in collector.json instead:

```
"relay": {"tls_cert": "/etc/uplivra/relay.pem", "tls_key": "/etc/uplivra/relay.key.pem"}
```

Key types: ecdsa-p384 (default), ecdsa-p256, rsa-4096, rsa-3072.

uplivra user

Who can sign in to the web interface: add, reset a password, turn off. Run it on the Uplivra server.

Manage the people who can sign in to the Uplivra web interface.
Run these on the server computer.

Usage:

```
uplivra user <command> [options]
```

Commands:

add	Create a sign-in (asks for the password)
list	Show everyone who can sign in
reset-password	Set a new password for someone (signs them out everywhere)
reset-two-step	Turn off someone's two-step sign-in (lost or replaced phone)
disable	Turn off someone's sign-in
enable	Turn it back on

Roles:

admin	can change settings, devices and alerts
viewer	can look but not change anything (good for office staff)

Examples:

```
uplivra user add -email you@yourcompany.com -name "Your Name" -role admin
uplivra user add -email frontdesk@yourcompany.com -name "Front Desk" -role viewer
uplivra user reset-password -email you@yourcompany.com
uplivra user reset-two-step -email you@yourcompany.com
uplivra user list
```

Every command accepts `-config` (default `server.json`).

uplivra token

API tokens for scripts and other software. Run it on the Uplivra server.

API tokens let scripts and other software use the Uplivra API.

Usage:

```
uplivra token create -name "backup script" [-read-only] [-days 90]    make one (shown once)
uplivra token list                                                    see them (never their values)
uplivra token revoke -id 3                                           stop one working at once
```

A read-only token can only read (GET). Tokens expire after `-days` (default 90, at most 365). Keep tokens like passwords.

Tokens only work while the management API is turned on (Settings > API in the web interface; it is off on new servers). Tokens can also be made there, with access profiles, sites and address limits.

uplivra vault

The passwords this collector uses to log in to devices. Run it on a collector or appliance.

Manage the passwords this collector uses to log in to devices.
Passwords are stored encrypted on this machine and are never sent to the server.

Usage:

```
uplivra vault <command> [options]
```

Commands:

<code>init</code>	Create an empty vault (do this once per collector)
<code>list</code>	Show saved credentials (names only, never passwords)
<code>set-snmp</code>	Save an SNMP community (v1/v2c) or SNMPv3 user
<code>set-ssh</code>	Save an SSH login for Linux servers and network gear
<code>set-windows</code>	Save a Windows login
<code>delete</code>	Remove a credential
<code>import FILE</code>	Move an old plain-text credentials.json into the vault

Every command accepts `-config` (default `collector.json`) to find the vault.

Examples:

```
uplivra vault init
uplivra vault set-snmp -name core-v2
uplivra vault set-snmp -name core-v3 -v3 -user monitor -auth SHA256 -priv AES
uplivra vault set-ssh -name linux-servers -user monitor
uplivra vault set-ssh -name firewalls -user admin -key-file C:\keys\fw.pem
uplivra vault set-windows -name domain -user svc-monitor -domain CORP
uplivra vault delete -kind snmp -name core-v2
```

After saving a credential, use its name in a check, e.g.

```
{"type":"snmp","config":{"credential_ref":"core-v2"}}
```

uplivra ldap

Check the Active Directory / LDAP sign-in settings. Run it on the Uplivra server.

Check the Active Directory / LDAP sign-in settings in `server.json`.

Usage:

```
uplivra ldap test -user jdoe [-config server.json]
```

It connects to the directory with the service account, looks the person up, shows which Uplivra role they would get, and can test their password.

uplivra backup

Back up the database and keys (to /var/backups/uplivra). Run it on the Uplivra server.

```
uplivra backup
uplivra backup -settings-only
uplivra backup -show-key
uplivra backup -verify FILE
```

uplivra restore

Restore a backup. Run it on the Uplivra server.

```
uplivra restore -from /var/backups/uplivra/FILE.uvbak
```

uplivra upgrade

Upgrade from an offline update package. Run it on the Uplivra server or a collector.

Upgrade Uplivra on this computer from an offline update package
(download it from the Uplivra portal: Downloads > Offline update package).

```
uplivra upgrade -package uplivra-26.10.1-update.tar.gz
```

The package's signature and every file are checked first. Test updates in a lab or development environment before upgrading production. If the new version doesn't start, the previous one is put back.

uplivra service

Status, start, stop, restart and logs of the Uplivra services. Run it on the Uplivra server or a collector.

```
uplivra service status
uplivra service restart collector
uplivra service logs server -n 100 -f
```

uplivra system

The system helper: applies settings from the server (you don't normally run it). Run it on the Uplivra server or a collector.

The Uplivra system helper. It runs as root on computers set up by the Uplivra installer or appliance image, and applies settings the collector receives from the Uplivra server: time zone and time servers, network settings, certificates and upgrades. You don't normally run it yourself.

```
uplivra system apply      Apply what the collector handed over (run by uplivra-system.path)
uplivra system upgrade-server  Install an upgrade the server downloaded (run by uplivra-
server-update.path)
uplivra system os-update      Install Ubuntu updates up to the snapshot Uplivra approved
(appliances, nightly)
uplivra system confirm-network -dir D -version V
                           Keep new network settings if confirmed, else put the old
ones back (scheduled after a change)
uplivra system install-helper  (Re)install the helper's systemd units (the installer runs
it on upgrades)
uplivra system accounts      Bring the computer's accounts up to date (the installer and
upgrades run it)
uplivra system apply-server    Run what the server handed over: certbot for the web
interface (run by uplivra-server-system.path)
uplivra system certbot-web NAME [-email you@example.com]
                           Get a certbot certificate for the web interface by hand
uplivra system ports -port 443 [-keep-old=false]
                           Change the server's port (browsers and collectors)
uplivra system ports -close-old Stop answering on older ports once collectors have moved
uplivra system migrate-ports  Move an older installation from 8443/8444 to 443 (the
installer runs it)

Options: -config collector.json
```

uplivra server

The Uplivra server program (its service runs it). Run it on the Uplivra server.

```
uplivra server -config /etc/uplivra/server.json
```

uplivra collector

The collector program (its service runs it). Run it on a collector or appliance.

```
uplivra collector -config /etc/uplivra/collector.json
```

uplivra aaa-node

Run this computer as an Access Control (TACACS+ and RADIUS) node. Run it on an Access Control node.

```
uplivra aaa-node enroll -server https://SERVER -code CODE -pin PIN
uplivra aaa-node install
uplivra aaa-node status
```