



☰ CLI commands > **nodes**

CLI commands

nodes

Manage paired nodes (devices) and invoke node capabilities.

Related:

Nodes overview: [Nodes](#)

Camera: [Camera nodes](#)

Images: [Image nodes](#)

Common options:

`--url` , `--token` , `--timeout` , `--json`

Common commands

```
openclaw nodes list
openclaw nodes list --connected
openclaw nodes list --last-connected 24h
openclaw nodes pending
openclaw nodes approve <requestId>
openclaw nodes status
openclaw nodes status --connected
openclaw nodes status --last-connected 24h
```

`nodes list` prints pending/paired tables. Paired rows include the most recent connect age (Last Connect). Use `--connected` to only show

currently-connected nodes. Use `--last-connected <duration>` to filter to nodes that connected within a duration (e.g. `24h`, `7d`).

Invoke / run

```
openclaw nodes invoke --node <id|name|ip> --command <command> --params <json>
openclaw nodes run --node <id|name|ip> <command...>
openclaw nodes run --raw "git status"
openclaw nodes run --agent main --node <id|name|ip> --raw "git status"
```

Invoke flags:

- `--params <json>` : JSON object string (default `{}`).
- `--invoke-timeout <ms>` : node invoke timeout (default `15000`).
- `--idempotency-key <key>` : optional idempotency key.

Exec-style defaults

`nodes run` mirrors the model's exec behavior (defaults + approvals):

Reads `tools.exec.*` (plus `agents.list[].tools.exec.*` overrides).

Uses exec approvals (`exec.approval.request`) before invoking `system.run`.

`--node` can be omitted when `tools.exec.node` is set.

Requires a node that advertises `system.run` (macOS companion app or headless node host).

Flags:

- `--cwd <path>` : working directory.
- `--env <key=val>` : env override (repeatable). Note: node hosts ignore `PATH` overrides (and `tools.exec.pathPrepend` is not applied to node

hosts).

--command-timeout <ms> : command timeout.

--invoke-timeout <ms> : node invoke timeout (default 30000).

--needs-screen-recording : require screen recording permission.

--raw <command> : run a shell string (/bin/sh -lc or cmd.exe /c).

--agent <id> : agent-scoped approvals/allowlists (defaults to configured agent).

--ask <off|on-miss|always> , --security <deny|allowlist|full> : overrides.

< models

onboard >

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