ansible-lint Ansible linter

min loads at all → **basic** style, syntax → **moderate** readability → **safety** deterministic → **shared** for Galaxy → **production** for AAP

Profiles are cumulative: each one includes the rules of the previous

CONCEPTS

Without paths it auto-detects the project from the git root and lints playbooks, roles and collections it finds.

Rules can have sub-ids such as fqcn[action-core]; skipping or noqa-ing the bare id covers all of them.

RUN IT

`ansible-lint`
Lint the project (auto-detect)

`ansible-lint <file> <dir>`
Lint given files or folders

`ansible-lint --fix`
Apply all safe auto-fixes

`ansible-lint --fix=<rule>,<tag>`
Fix only chosen rules or tags

`ansible-lint --profile <name>`
Check a profile's rule set

`ansible-lint --exclude <path>`
Skip files or folders

`ansible-lint -c <file>`
Use a specific config file

RUN IT (cont.)

`ansible-lint --offline`
No requirement installs or schema refresh

`ansible-lint -s`
Fail on warnings too

`ansible-lint --version`
Show version and ansible-core

RULES AND PROFILES

`ansible-lint -L`
List all rules

`ansible-lint -L -f brief`
Rule ids with short text

`ansible-lint -T`
List tags and their rules

`ansible-lint -P`
Describe the profiles

`ansible-lint -x <rule>`
Skip rules or tags

`ansible-lint -w <rule>`
Only warn for these rules

`ansible-lint -t <rule>`
Check only these rules or tags

`ansible-lint --enable-list <tag>`
Turn on opt-in rules

RULES AND PROFILES (cont.)

`ansible-lint --generate-ignore`
Write .ansible-lint-ignore baseline

OUTPUT

`ansible-lint -f <format>`
brief, full, md, pep8, quiet, json, sarif

`ansible-lint -f json`
Code Climate JSON on stdout

`ansible-lint -f pep8`
One line per finding

`ansible-lint -f sarif --sarif-file <out>`
SARIF file for code scanning

`ansible-lint -q`
Quieter output

`ansible-lint -v / -vv`
More verbose output

`ansible-lint --nocolor`
Plain output (NO_COLOR=1)

INLINE SKIPS

`# noqa: <rule>`
Skip a rule on this line

`# noqa: <rule1> <rule2>`
Skip several rules on a line

INLINE SKIPS (cont.)

`tags: [skip_ansible_lint]`
Skip a whole task (legacy)

Put the noqa comment on the line the violation is reported on; for a play or task name, that is the name line.

CONFIG FILE

`.ansible-lint`
Default config, YAML in project root

`profile: production`
Default profile

`exclude_paths: [<path>]`
Paths never linted

`skip_list: [<rule>]`
Rules never reported

`warn_list: [<rule>]`
Rules reported as warnings

`enable_list: [<tag>]`
Opt-in rules to activate

`offline: true`
Never fetch requirements or schemas

`strict: true`
Warnings fail the run

`mock_roles: [<name>]`
Pretend a missing role exists

CONFIG FILE (cont.)

`.ansible-lint-ignore`
Per-file rule ignores, one per line

COMMON RULES

`fqcn`
Use fully qualified module names

`name[missing]`
Tasks need a name

`yaml`
YAML style (via yamllint)

`no-changed-when`
command/shell need changed_when

`risky-file-permissions`
Set mode on file-creating modules

`command-instead-of-module`
Use a module instead of curl or rm

`package-latest`
Avoid state: latest

`var-naming`
Variable naming conventions

`risky-shell-pipe`
Set pipefail when piping in shell