



Linux Ubuntu 26.04 Manual Pages on command 'ansible-playbook.1'

\$ man ansible-playbook.1

ansible-playbook(1) System administration commands ansible-playbook(1)

Name

ansible-playbook - Runs Ansible playbooks, executing the defined tasks on the targeted hosts.

SYNOPSIS

```
usage: ansible-playbook [-h] [--version] [-v] [--private-key PRIVATE_KEY_FILE]
                        [-u REMOTE_USER] [-c CONNECTION] [-T TIMEOUT] [--ssh-common-args SSH_COMMON_ARGS]
                        [--sftp-extra-args SFTP_EXTRA_ARGS] [--scp-extra-args SCP_EXTRA_ARGS] [--ssh-ex-
tra-args SSH_EXTRA_ARGS] [-k | --connection-password-file CONNECTION_PASSWORD_FILE]
                        [--force-handlers] [-b] [--become-method BECOME_METHOD] [--become-user BECOME_USER]
                        [-K | --become-password-file BECOME_PASSWORD_FILE] [-t TAGS] [--skip-tags SKIP_TAGS]
                        [-C] [-D] [-i INVENTORY] [--list-hosts] [-l SUBSET] [--flush-cache] [-e EXTRA_VARS]
                        [--vault-id VAULT_IDS] [-J | --vault-password-file VAULT_PASSWORD_FILES] [-f FORKS]
                        [-M MODULE_PATH] [--syntax-check] [--list-tasks] [--list-tags] [--step]
                        [--start-at-task START_AT_TASK] playbook [playbook ...]
```

DESCRIPTION

the tool to run Ansible playbooks, which are a configuration and multinode deployment system. See the project home page (<<https://docs.ansible.com>>) for more information.

COMMON OPTIONS

Playbook(s)

--become-method 'BECOME_METHOD'

privilege escalation method to use (default=sudo), use ansible-doc -t become -l to list

valid choices.

--become-password-file 'BECOME_PASSWORD_FILE', --become-pass-file 'BECOME_PASSWORD_FILE'

Become password file

--become-user 'BECOME_USER'

run operations as this user (default=root)

--connection-password-file 'CONNECTION_PASSWORD_FILE', --conn-pass-file 'CONNECTION_PASSWORD_FILE'

Connection password file

--flush-cache

clear the fact cache for every host in inventory

--force-handlers

run handlers even if a task fails

--list-hosts

outputs a list of matching hosts; does not execute anything else

--list-tags

list all available tags

--list-tasks

list all tasks that would be executed

--private-key 'PRIVATE_KEY_FILE', --key-file 'PRIVATE_KEY_FILE'

use this file to authenticate the connection

--scp-extra-args 'SCP_EXTRA_ARGS'

specify extra arguments to pass to scp only (e.g. -l)

--sftp-extra-args 'SFTP_EXTRA_ARGS'

specify extra arguments to pass to sftp only (e.g. -f, -l)

--skip-tags

only run plays and tasks whose tags do not match these values. This argument may be specified multiple times.

--ssh-common-args 'SSH_COMMON_ARGS'

specify common arguments to pass to sftp/scp/ssh (e.g. ProxyCommand)

--ssh-extra-args 'SSH_EXTRA_ARGS'

specify extra arguments to pass to ssh only (e.g. -R)

--start-at-task 'START_AT_TASK'

start the playbook at the task matching this name

--step

one-step-at-a-time: confirm each task before running

--syntax-check

perform a syntax check on the playbook, but do not execute it

--vault-id

the vault identity to use. This argument may be specified multiple times.

--vault-password-file, --vault-pass-file

vault password file

--version

show program's version number, config file location, configured module search path, module location, executable location and exit

-C, --check

don't make any changes; instead, try to predict some of the changes that may occur

-D, --diff

when changing (small) files and templates, show the differences in those files; works great with --check

-J, --ask-vault-password, --ask-vault-pass

ask for vault password

-K, --ask-become-pass

ask for privilege escalation password

-M, --module-path

prepend colon-separated path(s) to module library (default={{ ANSIBLE_HOME ~ "/plugins/modules:/usr/share/ansible/plugins/modules" }}). This argument may be specified multiple times.

-T 'TIMEOUT', --timeout 'TIMEOUT'

override the connection timeout in seconds (default depends on connection)

-b, --become

run operations with become (does not imply password prompting)

-c 'CONNECTION', --connection 'CONNECTION'

connection type to use (default=ssh)

-e, --extra-vars

set additional variables as key=value or YAML/JSON, if filename prepend with @. This argument may be specified multiple times.

-f 'FORKS', --forks 'FORKS'

specify number of parallel processes to use (default=5)

-h, --help

show this help message and exit

-i, --inventory, --inventory-file

specify inventory host path or comma separated host list. This argument may be specified multiple times.

-k, --ask-pass

ask for connection password

-l 'SUBSET', --limit 'SUBSET'

further limit selected hosts to an additional pattern

-t, --tags

only run plays and tasks tagged with these values. This argument may be specified multiple times.

-u 'REMOTE_USER', --user 'REMOTE_USER'

connect as this user (default=None)

-v, --verbose

Causes Ansible to print more debug messages. Adding multiple -v will increase the verbosity, the builtin plugins currently evaluate up to -vvvvvv. A reasonable level to start is -vvv, connection debugging might require -vvvv. This argument may be specified multiple times.

INVENTORY

Ansible stores the hosts it can potentially operate on in an inventory. This can be an YAML file, ini-like file, a script, directory, list, etc. For additional options, see the documentation on <https://docs.ansible.com/>.

ENVIRONMENT

The following environment variables may be specified.

ANSIBLE_INVENTORY -- Override the default ansible inventory sources

ANSIBLE_LIBRARY -- Override the default ansible module library path

ANSIBLE_CONFIG -- Specify override location for the ansible config file

Many more are available for most options in ansible.cfg

For a full list check <https://docs.ansible.com/>. or use the ansible-config command.

FILES

/etc/ansible/hosts -- Default inventory file

/etc/ansible/ansible.cfg -- Config file, used if present

~/.ansible.cfg -- User config file, overrides the default config if present

./ansible.cfg -- Local config file (in current working directory) assumed to be 'project specific' and overrides the rest if present.

As mentioned above, the ANSIBLE_CONFIG environment variable will override all others.

AUTHOR

Ansible was originally written by Michael DeHaan.

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SEE ALSO

ansible (1), ansible-config (1), ansible-console (1), ansible-doc (1), ansible-galaxy (1), ansible-inventory (1), ansible-pull (1), ansible-vault (1)

Extensive documentation is available in the documentation site: <<<https://docs.ansible.com>>>. IRC and mailing list info can be found in file CONTRIBUTING.md, available in: <?<https://github.com/ansible/ansible>>>

Ansible 2.20.1

ansible-playbook(1)