VyOS Platform Options

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The VyOS collection supports the `ansible.netcommon.network_cli` connection type. This page offers details on connection options to manage VyOS using Ansible.

Connections available

..	CLI
Protocol	SSH
Credentials	uses SSH keys / SSH-agent if present accepts `-u myuser -k` if using password
Indirect Access	by a bastion (jump host)
Connection Settings	`ansible_connection: ansible.netcommon.network_cli`
Enable Mode |br| (Privilege Escalation)	not supported
Returned Data Format	Refer to individual module documentation

The `ansible_connection: local` has been deprecated. Please use `ansible_connection: ansible.netcommon.network_cli` instead.

Using CLI in Ansible

Example CLI `group_vars/vyos.yml`

```
ansible_connection: ansible.netcommon.network_cli
ansible_network_os: vyos.vyos.vyos
ansible_user: myuser
ansible_password: !vault...
ansible_paramiko_proxy_command: '-o ProxyCommand="ssh -W %h:%p -q bastion01"'
```

- If you are using SSH keys (including an ssh-agent) you can remove the `ansible_password` configuration.
- If you are accessing your host directly (not through a bastion/jump host) you can remove the `ansible_paramiko_proxy_command` configuration.
- If you are accessing your host through a bastion/jump host, you cannot include your SSH password in the `ProxyCommand` directive. To prevent secrets from leaking out (for example in `ps` output), SSH does not support providing passwords through environment variables.

Example CLI task

```
- name: Retrieve VyOS version info
  vyos.vyos.vyos_command:
    commands: show version
  when: ansible_network_os == 'vyos.vyos.vyos'
```

> Never store passwords in plain text. We recommend using SSH keys to authenticate SSH connections. Ansible supports ssh-agent to manage your SSH keys. If you must use passwords to authenticate SSH connections, we recommend encrypting them with `Ansible Vault <playbooks_vault>`.

`timeout_options`

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