

# esr\_config

Ansible ESR. , .

	/	
after -		lines. , , .
apply_when -	: <ul style="list-style-type: none"><li>always</li><li>modified</li><li>never</li></ul>	commit . always, commit . modified, commit , . never, commit . commit , ( 600 ), save_when.
backup boolean	: <ul style="list-style-type: none"><li>True</li><li>False</li></ul>	, - . backup . , .
before -		lines. , , .
lines -		, . , running-config . : commands
match -	: <ul style="list-style-type: none"><li>line</li><li>strict</li><li>exact</li><li>none</li></ul>	. line, . strict, . exact, . none, .
merge boolean	: <ul style="list-style-type: none"><li>True</li><li>False</li></ul>	candidate-config, , . ESR 1.11.2.
parents -		, , - , .
replace -	: <ul style="list-style-type: none"><li>line</li><li>block</li></ul>	. line, . block, , - .
rollback -	: <ul style="list-style-type: none"><li>True</li><li>False</li></ul>	rollback . true, rollback , . false, rollback .
save_when -	: <ul style="list-style-type: none"><li>always</li><li>applied</li><li>never</li></ul>	confirm . always, confirm . applied, confirm , - apply_when. never, confirm ( 600 ) .

sftp_user	-	, sftp., use_sftp false.
sftp_password	-	, sftp , sftp_user., use_sftp false.
src	-	, ESR, . . merge true, candidate-config. <div><pre>#!/usr/bin/clicsh #18 #1.11.2 #18/09/2020 #17:57:44</pre></div>
use_sftp <i>boolean</i>	: <ul style="list-style-type: none"><li>• True</li><li>• False</li></ul>	sftp src. sftp_user sftp_password.



- ESR 1.6.2
- 1.0.7-ST
- src use\_sftp.
- sftp sftp, ip sftp enable. ESR 1.6.2, 1.0.7-ST
- Ansible 2.7.6
- ,
- ansible\_connection: network\_cli ansible\_network\_os: esr
- virtualenv python ansible\_python\_interpreter.
- Ansible [Ansible](#)
- merge ESR 1.11.2

```
- name: get full backup from ESR device
  esr_config:
    backup: true

- name: upload config from src to ESR device whith sftp and confirm
  esr_config:
    src: esr-1000.cfg
    use_sftp: true
    sftp_user: sftpuser
    sftp_password: sftppassword
    save_when: applied

- name: render a Jinja2 template onto a ESR device
  esr_config:
    src: esr-config.j2
    save_when: applied

- name: add sftp user
  esr_config:
    save_when: applied
```

```

    parents:
      - username sftpuser
    lines:
      - password sftppassword
      - ip sftp enable

- name: configure ip helpers on multiple interfaces
  esr_config:
    save_when: applied
    lines:
      - ip helper-address 192.168.0.10
    parents: "{{ item }}"
  with_items:
    - bridge 1
    - bridge 2
    - bridge 3

- name: configure nat section
  esr_config:
    save_when: applied
    parents:
      - nat source
      - ruleset NAT_ALL
      - rule 100
    lines:
      - match protocol tcp
      - match source-address any
      - action source-nat pool nat_ip
      - enable

- name: load new rule to existing access-list
  esr_config:
    save_when: applied
    match: exact
    before:
      - ip access-list extended ip-acl
      - no rule 1
    parents:
      - ip access-list extended ip-acl
      - rule 1
    lines:
      - action permit
      - match protocol tcp
      - match destination-port 443
      - enable

- name: for idempotency, use full-form commands
  esr_config:
    parents:
      # - br 6
      - bridge 6
    lines:
      # - ip help 192.168.0.10
      - ip helper-address 192.168.0.10

```

. :

<b>backup_path</b>		
string	<b>backup true</b>	:
		<a href="#">/ansible/playbooks/backup/esr-1000-config.2019-02-19@11:10:06</a>

<b>commands</b>		,
list		: <a href="#">['hostname esr-1000', 'ip ssh server', 'ip telnet server']</a>
<b>updates</b>		,
list		: <a href="#">['hostname esr-1000', 'ip ssh server', 'ip telnet server']</a>

, install.py

```
tar xvzf esr-ansible.tar.gz
cd ./esr-ansible
python install.py
```