

ansible 常用模块和操作命令

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原文链接: <https://ld246.com/article/1538202708381>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

Ansible常用模块: <https://blog.csdn.net/pushiqiang/article/details/78249665>

- 1、ping模块
- 2、raw模块
- 3、yum模块
- 4、apt模块
- 5、pip模块
- 6、synchronize模块
- 7、template模块
- 8、copy模块
- 9、user 模块与group模块
- 10、service 模块
- 11、get_url 模块
- 12、fetch模块
- 13、file模块
- 14、unarchive模块
- 15、command 模块和shell

并发 10 来执行

```
ansible-playbook playbook.yml -f 10
```

```
ansible 47.106.93.184 -m ping # 47.106.93.184在/etc/ansible/hosts里不属于任何一个组
```

当命令执行时间比较长时, 也可以放到后台执行, 这里会用到-B、-P参数, 如下:

```
ansible all -B 3600 -a "/usr/bin/long_running_operation --do-stuff" \\后台执行命令 3600s, -B 表示后执行的时间
```

```
ansible all -m async_status -a "jid=123456789" \\检查任务的状态
```

```
ansible all -B 1800 -P 60 -a "/usr/bin/long_running_operation --do-stuff" \\后台执行命令最大 间是 1800s 即 30 分钟, -P 每 60s 检查下状态默认 15s
```

command模块不支持管道符和变量等, 如果要使用这些, 那么可以使用shell模块。

command命令中是不支持管道符和其他的一些操作的, 在使用这些命令的时候, 可以选择使用shell 块

```
ansible 139.9.0.24 -m raw/shell -a 'ps auxf|grep snmp'
```

```
ansible 47.106.93.184 -m shell -a 'chdir=/tmp/361way touch test2.file' # chang the dir
```

```
ansible 47.106.93.184 -a 'creates=/tmp/361way/server.txt uptime' # 目前测试不生效, 该命令 版不支持?
```

```
ansible 10.212.52.252 -a 'removes=/tmp/361way/server.txt uptime'
```

```
ansible pythonserver -m script -a "/tmp/kel.sh >/tmp/kelkel.log"
```

```
ansible webserver -a 'netstat -ulntp'
```

```
ansible all -m shell -a 'systemctl disable ufw'
```

```
ansible webservers -m service -a "name=httpd state=restarted"
```

给各个服务器挂载:

```
ansible all -m copy -a "src=/root/script/mount-disk.sh dest=/tmp/mount-disk.sh"
ansible docker-mq -m file -a "dest=/tmp/mount-disk.sh mode=700"
ansible docker-mq -a 'stat /tmp/mount-disk.sh'
ansible docker-mq -m shell -a '. /tmp/mount-disk.sh'
ansible webservers -m file -a "dest=/usr/local/src/test mode=600 owner=www group=www"
```

给各个服务器安装docker.daemon.json:

```
ansible docker -m copy -a "src=/root/script/docker-daemon.json.sh dest=/tmp/docker-daemon.json.sh"
ansible docker -m file -a "dest=/tmp/docker-daemon.json.sh mode=700"
ansible docker -a 'stat /tmp/docker-daemon.json.sh'
ansible docker -m shell -a '/bin/bash /tmp/docker-daemon.json.sh'
```

```
ansible all -m shell -a 'systemctl stop ufw'
ansible all -m shell -a 'systemctl disable ufw'
ansible test -m ping
//copy模块, 对端host需要安装libseline-python
ansible all -m copy -a "src=~/.testfile.txt dest=/tmp/testfile.txt owner=root group=root mode=644 backup=yes" -u root
//安装Apache
ansible all -m yum -a "name=httpd state=present"
```

```
//停止Apache
ansible all -m service -a "name=httpd state=stopped" -u root
```

```
//启动Apache
ansible all -m service -a "name=httpd state=started" -u root
```

```
//查看docker组的主机磁盘容量
ansible docker -a "df -lh" -u root
```

```
//查看远程主机的内存使用情况
ansible docker -m shell -a "free -m" -u root
```

```
ansible all -m setup -a "filter=ansible_distribution*"
```