

smc (shopee-mesos-cli)

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smc (shopee-mesos-cli) 用于管理在Shopee各个数据中心Mesos上部署的服务。

安装

MacOS:

```
curl -sSL http://deb.archive.garenanow.com/snippets/shopee_mac_init.sh | bash
```

Ubuntu:

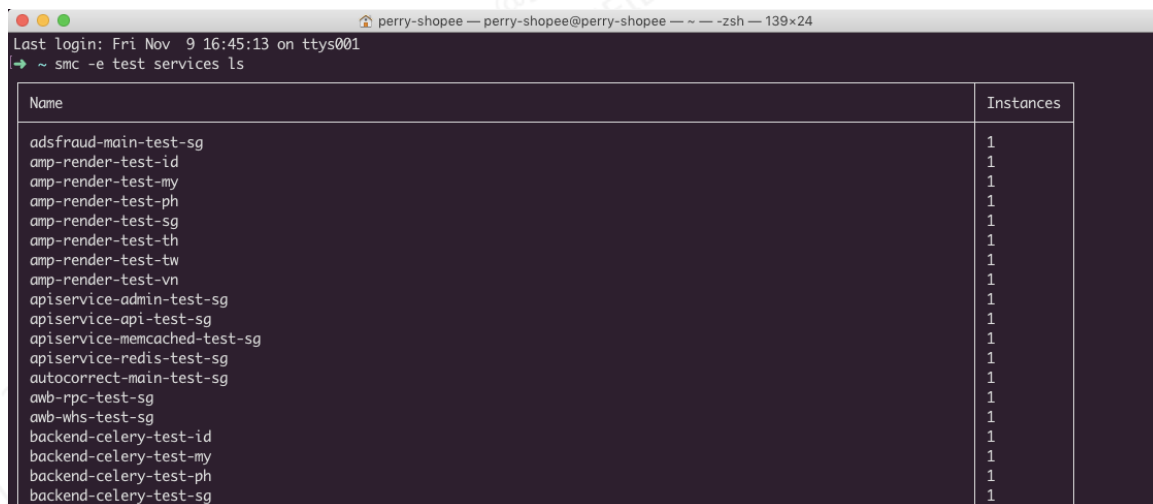
```
curl -sSL http://deb.archive.garenanow.com/snippets/shopee_ubuntu_desktop_init.sh | bash
```

功能介绍

可以对test/stable/staging/uat/liveish/live环境列出服务、登陆容器、执行命令、从容器下载文件等操作。

列出服务

```
$ smc -e test services ls
```



Name	Instances
adsfraud-main-test-sg	1
amp-render-test-id	1
amp-render-test-my	1
amp-render-test-ph	1
amp-render-test-sg	1
amp-render-test-th	1
amp-render-test-tw	1
amp-render-test-vn	1
apiservice-admin-test-sg	1
apiservice-api-test-sg	1
apiservice-memcached-test-sg	1
apiservice-redis-test-sg	1
autocorrect-main-test-sg	1
awb-rpc-test-sg	1
awb-whs-test-sg	1
backend-celery-test-id	1
backend-celery-test-my	1
backend-celery-test-ph	1
backend-celery-test-sg	1

登陆容器

```
$ smc -e test services enter twms-api-test-sg
```

```
perry-shopee — smc -e test services enter twms-api-test-sg — smc — docker-darwin • smc -e test services enter twms-api-test-sg — 139x24
→ ~ smc -e test services enter twms-api-test-sg
twms-api-test-sg(sg|10.65.136.126)@/workspace# ls
README.md  constants  docs      log        manager    models     setting   settings.pyc  static  templates  tmp      urls  wmslib
command    deploy     lib       manage.py  middleware resource   settings.py  setup      tasks  tests      tools    views
twms-api-test-sg(sg|10.65.136.126)@/workspace#
```

执行命令

smc -e test services run twms-api-test-sg 'date'

```
perry-shopee — perry-shopee@perry-shopee — ~ — zsh — 139x24
→ ~ smc -e test services run twms-api-test-sg 'date'
┌───┬───┬───┬───┬───┬───┬───┬───┐
│ Index │ Id │ IP │ Start Time │ State │ Data Center │ Address │
├───┬───┬───┬───┬───┬───┬───┬───┤
│ 0 │ twms-api-test-sg.90c64659-e5d8-11e8-988c-024245ef01db │ 2018-11-12 01:38:37 │ TASK_RUNNING │ sg │ mesos-agent-sg-test-10 │
│ .shopeemobile.com:31055 │ 10.65.136.126 │ │ │ │ │ │
└───┬───┬───┬───┬───┬───┬───┬───┘
mesos-agent-sg-test-10.shopeemobile.com:31055: Mon Nov 12 19:22:26 +08 2018
→ ~
```

输出部署日志

\$ smc -e test services logs twms-api-test-sg

perry-shapee — perry-shopee@perry-shopee — — — zsh — 139x54							
+ smc -e test services logs twms-api-test-sg							
Index	Id		IP	Start Time	State	Data Center	Address
0	twms-api-test-sg.16562232-e273-11e8-be74-024245ef01db		10.65.136.95	2018-11-07 17:54:27	TASK_KILLED	sg	mesos-agent-sg-test-9
1	twms-api-test-sg.115ae94a-e27d-11e8-be74-024245ef01db		10.65.136.12	2018-11-07 19:05:50	TASK_FINISHED	sg	mesos-agent-sg-test-1
2	twms-api-test-sg.1290a02b-e27d-11e8-be74-024245ef01db		10.65.136.12	2018-11-07 19:06:06	TASK_KILLED	sg	mesos-agent-sg-test-0
3	twms-api-test-sg.9414124b-e31d-11e8-be74-024245ef01db		10.65.136.11	2018-11-08 14:15:11	TASK_FINISHED	sg	mesos-agent-sg-test-5
4	twms-api-test-sg.7cfd9df6-e34c-11e8-988c-024245ef01db		10.65.136.28	2018-11-08 19:50:34	TASK_KILLED	sg	mesos-agent-sg-test-1
5	twms-api-test-sg.1d055696-e3cd-11e8-988c-024245ef01db		10.65.136.135	2018-11-09 11:11:18	TASK_KILLED	sg	mesos-agent-sg-test-1
6	twms-api-test-sg.1c850305-e3cd-11e8-988c-024245ef01db		10.65.136.135	2018-11-09 11:11:34	TASK_FINISHED	sg	mesos-agent-sg-test-1
7	twms-api-test-sg.491ed5b3-e3ea-11e8-988c-024245ef01db		10.65.136.12	2018-11-09 14:40:26	TASK_FINISHED	sg	mesos-agent-sg-test-1
8	twms-api-test-sg.18f39f64-e3f2-11e8-988c-024245ef01db		10.65.136.127	2018-11-09 15:36:19	TASK_FINISHED	sg	mesos-agent-sg-test-6
9	twms-api-test-sg.1ac3cb8a-e3f2-11e8-988c-024245ef01db		10.65.136.7	2018-11-09 15:36:23	TASK_FINISHED	sg	mesos-agent-sg-test-1
10	twms-api-test-sg.8cd1d1c8-e3fa-11e8-988c-024245ef01db		10.65.136.127	2018-11-09 16:36:59	TASK_FINISHED	sg	mesos-agent-sg-test-1
11	twms-api-test-sg.8a5fff66-e5ad-11e8-988c-024245ef01db		10.65.136.12	2018-11-11 20:30:23	TASK_KILLED	sg	mesos-agent-sg-test-8
12	twms-api-test-sg.90c64659-e5d8-11e8-988c-024245ef01db		10.65.136.210	2018-11-12 01:38:37	TASK_RUNNING	sg	mesos-agent-sg-test-1
0	shopeemobile.com:31055		10.65.136.126				
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:21.198 WARNING 1:139648099878656 utils.py:218 utils.get_running_info: get_running_info failed! err=File doesn't exists, path=/tmp/smb_run.json							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:21.199 INFO 1:139648099878656 utils.py:790 utils.generate_file_by_template generate_file src_path=settings.py, dst_path=settings.py							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:21.210 INFO 1:139648099878656 utils.py:790 utils.generate_file_by_template generate_file src_path=setup/gunicorn_config.py, dst_path=setup/gunicorn_config.py							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:21.226 INFO 1:139648099878656 utils.py:692 utils.fork_long_running_service execute_command command=gunicorn setup.wsgi -c /workspace/setup/gunicorn_config.py							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:23.343 INFO 1:139648002414336 connection.py:599 connection._connect Connecting to 10.65.136.14:2181							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:23.344 INFO 1:139648002414336 client.py:465 client._session_callback Zookeeper connection established, state: CONNECTED							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 01:38:23.352 INFO 1:139648099878656 utils.py:459 utils.register_service registered_service node=/services/twms-api-test-sg/10.65.136.126:31055							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 10:48:34.409 WARNING 1:139648002414336 connection.py:571 connection._connect_attempt Connection dropped: outstanding heartbeat ping not received							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 10:48:34.410 WARNING 1:139648002414336 connection.py:575 connection._connect_attempt Transition to CONNECTING							
mesos-agent-sg-test-10.shopeemobile.com:31055 (stderr): 2018-11-12 10:48:34.410 INFO 1:139648002414336 client.py:475 client._session_callback							

下载文件

\$ smc -e test tasks download twms-api-test-sg.90c64659-e5d8-11e8-988c-024245ef01db -s /workspace/log/data.log -d /tmp

perry-shopee — perry-shopee@perry-shopee — zsh — 139x51	
~	
/tmp	
smc -e test tasks download twms-api-test-sg.90c64659-e5d8-11e8-988c-024245ef01db -s /workspace/log/error.log -d /tmp	
Save /workspace/log/error.log to /tmp	
~	

使用场景

登陆到实例上，查看data日志。

smc -e test services enter twms-api-test-sg							
twms-api-test-sg(sg 10.65.136.126)@/workspace# tail -f log/data.log							
2018-11-12 19:33:10.950	cat_log IPT1	TWS-TEST	mesos-agent-sg-test-10.shopeemobile.com	10.65.136.126	null	null	r
-TEST-0a41887e-428339-600150	null	null					
t2018-11-12 19:33:10.949	URL						
E2018-11-12 19:33:10.950	URL.Error	:0	0	null			
T2018-11-12 19:33:10.949	URL	0	402us	null			
2018-11-12 19:33:10.959 cat_log IPT1							
-TEST-0a41887e-428339-600151	null	null					
t2018-11-12 19:33:10.953	URL	/login					
E2018-11-12 19:33:10.959	URL.Error	/login:0	0	null			
T2018-11-12 19:33:10.953	URL	/login	0	5732us	null		

相关资料

