



Ansible 2.12

A journey to new features

At 12.03.2022 by Daniel Schier

Agenda



- Introduction
- History
- Today
- New Tooling



Introduction

Introduction



Daniel Schier

- Open Source enthusiast
- Ansible since 1.6
- Meetups, Conferences, Cats, Penguins, Cookies
- Contact:
 - twitter.com/dschier_wtd
 - linkedin.com/u/dschier
 - github.com/dschier-wtd





History(?!)

History

- Thousands of open Prs
- More issues
- Major/Minor?
- Lots of renaming
- Collections
- Ansible 3/4/5





Today?

Today?

- Ansible 5.x.y
 - Ansible Core 2.12
 - Collections
- Fixed release cycle
- SemVer (except core)
- Fast(er) development
- Still some “pain”





New Tooling

New Tooling



- Containers everywhere
 - ansible-test
 - ansible-navigator
 - ansible-runner
 - execution environments

```
0 ## Welcome
1
2 -----
3 Some things you can try from here:
4 - ':collections'           Explore available collections
5 - ':config'               Explore the current ansible configuration
6 - ':doc <plugin>'         Review documentation for a module or plugin
7 - ':help'                 Show the main help page
8 - ':images'               Explore execution environment images
9 - ':inventory -i <inventory>' Explore an inventory
10 - ':log'                  Review the application log
11 - ':open'                 Open current page in the editor
12 - ':replay'               Explore a previous run using a playbook artifact
13 - ':run <playbook> -i <inventory>' Run a playbook in interactive mode
14 - ':quit'                 Quit the application
15
16 happy automating,
17
18 -winston
```

New Tooling

- Collections
 - Roles
 - Playbooks
 - Plugins
 - Tests
 - Docs

```
# /var/home/dschier/.env-ansible/L1bb4/python3.10/site-packages/ansible_collections
Collection                                Version
-----
amazon.aws                               2.1.0
ansible.netcommon                        2.5.1
ansible.posix                             1.3.0
ansible.utils                             2.5.0
ansible.windows                           1.9.0
arista.eos                               3.1.0
awx.awx                                  19.4.0
azure.azurecollection                     1.11.0
check_point.mgmt                          2.2.2
chocolatey.chocolatey                   1.2.0
cisco.aci                                 2.1.0
cisco.asa                                 2.1.0
cisco.intersight                         1.0.18
cisco.ios                                 2.7.1
cisco.iosxr                              2.7.0
cisco.ise                                 1.2.1
cisco.meraki                             2.6.0
cisco.mso                                 1.3.0
cisco.nso                                 1.0.3
cisco.nxos                               2.9.0
cisco.ucs                                 1.6.0
cloud.common                             2.1.0
cloudscale_ch.cloud                      2.2.0
community.aws                            2.3.0
community.azure                           1.1.0
community.ciscosmb                       1.0.4
community.crypto                         2.2.2
community.digitalocean                   1.15.1
community.dns                             2.0.7
community.docker                         2.2.0
community.fortios                         1.0.0
community.general                         4.5.0
community.google                          1.0.0
community.grafana                        1.3.2
community.hashi_vault                    2.3.0
community.hrobot                          1.2.2
community.kubernetes                     2.0.1
community.kubernetes                     1.0.0
community.libvirt                         1.0.2
community.mongodb                        1.3.2
community.mysql                           2.3.4
community.network                        3.0.0
community.okd                             2.1.0
community.postgresql                     1.7.0
community.proxysql                       1.3.1
community.rabbitmq                       1.1.0
community.routeros                       2.0.0
community.skydive                         1.0.0
community.sops                            1.2.0
community.vmware                          1.17.1
community.windows                        1.9.0
community.zabbix                         1.5.1
containers.podman                        1.9.1
cyberark.conjur                           1.1.0
cyberark.pas                             1.0.13
dellemc.enterprise_sonic                 1.1.0
dellemc.openmanage                       4.4.0
dellemc.os10                             1.1.1
dellemc.os6                              1.0.7
dellemc.os9                              1.0.4
fsnetworks.f5_modules                    1.14.0
fortinet.fortimanager                    2.1.4
fortinet.fortios                          2.1.4
frr.frr                                  1.0.3
gluster.gluster                          1.0.2
google.cloud                             1.0.2
hetzner.hcloud                           1.6.0
hpe.nimble                               1.1.4
ibm.qradar                               1.0.3
infinidat.infinibox                      1.3.3
```



Links



- <https://www.ansible.com/community>
- <https://www.youtube.com/c/AnsibleCommunity>
- <https://www.youtube.com/channel/UCPJo5UY1KsP7J1BuHmiWNzQ>
- <https://www.meetup.com/de-DE/Ansible-Meetup-Dresden/>
- <https://www.meetup.com/de-DE/ddos-usergroup/>
- <https://blog.while-true-do.io/tag/ansible/>



Questions & Answers

Learning something new starts with asking a question.