📖 ansible / **ansible**

Ansible 2.4 using tags while importing task/playbook, overrides all imported tags #31747

New issue

🚫 **Closed**   **Saloshp** opened this issue on Oct 14, 2017 · 3 comments

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Saloshp commented on Oct 14, 2017

ISSUE TYPE

Bug Report

COMPONENT NAME

tags

ANSIBLE VERSION

```
ansible 2.4.0.0
  config file = /etc/ansible/ansible.cfg
  configured module search path = [u'/root/.ansible/plugins/modules',
u'/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python2.7/site-packages/ansible
  executable location = /usr/bin/ansible
  python version = 2.7.14 (default, Sep 20 2017, 01:25:59) [GCC 7.2.0]
```

CONFIGURATION

Default configuration used

Assignees

No one assigned

Labels

affects_2.4

bug

support:core

Projects

None yet

Milestone

No milestone

Notifications

4 participants

OS / ENVIRONMENT

Linux local 4.13.5-1-ARCH [#1](#) SMP PREEMPT Fri Oct 6 09:58:47 CEST 2017 x86_64 GNU/Linux

SUMMARY

Adding tags to import task/playbook, causes all tasks within it to be executed regardless of their tags

STEPS TO REPRODUCE

```
[root@local test]# for file in $(find -type f); do echo "#File: ${file}"; cat $file; echo; done
#File: ./playbooks/debug.yml
- import_playbook: "./pb1.yml"
  tags:
  - import

#File: ./playbooks/pb1.yml
- hosts: localhost
  tasks:
  - debug: msg="First message"
    tags:
    - first

  - debug: msg="Second message"
    tags:
    - second
```

```
ansible-playbook playbooks/debug.yml -i "127.0.0.1," -c local --tags import,second
```

EXPECTED RESULTS

I expect the first message not to be printed

ACTUAL RESULTS

```
PLAY [localhost]
********************************************************************************


TASK [Gathering Facts]
********************************************************************************


ok: [127.0.0.1]

TASK [debug]
********************************************************************************


ok: [127.0.0.1] => {
    "msg": "First message"
}

TASK [debug]
********************************************************************************


ok: [127.0.0.1] => {
    "msg": "Second message"
}

PLAY RECAP
********************************************************************************


127.0.0.1                  : ok=3    changed=0    unreachable=0    failed=0
```

🏷 Ⓐ **ansibot** added `affects_2.4` `bug_report` `needs_triage` `support:core` labels on Oct 14, 2017

sivel commented on Oct 14, 2017   Member

Adding tags to an import adds those tags to all tasks within. When you supply import,second that is specifying to run all tasks tagged with import or second. This is functioning as expected.

Saloshp commented on Oct 14, 2017

I dont understand why this logic seemed reasonable, i hope i am not doing something wrong, please elaborate if you can.

For future reference, i was able to achieve my goal with the following 'hackish' method.

```
#File: ./playbooks/debug.yml
- hosts: localhost
  gather_facts: yes
  tasks:
  - set_fact: import_tag=true
    tags: import

- import_playbook: "./pb1.yml"
  when:
  - "import_tag is defined"

#File: ./playbooks/pb1.yml
- hosts: localhost
  tasks:
  - debug: msg="First message"
    tags:
    - first

  - debug: msg="Second message"
    tags:
    - second
```

Output:

```
[root@local test]# ansible-playbook playbooks/debug.yml -i "127.0.0.1," -c local --tags
import,second
```

```
PLAY [localhost]
*********************************************************************************


TASK [Gathering Facts]
*********************************************************************************


ok: [127.0.0.1]

TASK [set_fact]
*********************************************************************************


ok: [127.0.0.1]

PLAY [localhost]
*********************************************************************************


TASK [Gathering Facts]
*********************************************************************************


ok: [127.0.0.1]

TASK [debug]
*********************************************************************************


ok: [127.0.0.1] => {
    "msg": "Second message"
}

PLAY RECAP
*********************************************************************************


127.0.0.1                  : ok=4    changed=0    unreachable=0    failed=0
```

```
[root@local test]# ansible-playbook playbooks/debug.yml -i "127.0.0.1," -c local --tags second

PLAY [localhost]
```

```
*****************************************************************************


TASK [Gathering Facts]
*****************************************************************************


ok: [127.0.0.1]


PLAY [localhost]
*****************************************************************************



TASK [Gathering Facts]
*****************************************************************************


skipping: [127.0.0.1]


TASK [debug]
*****************************************************************************


skipping: [127.0.0.1]


PLAY RECAP
*****************************************************************************


127.0.0.1                  : ok=1    changed=0    unreachable=0    failed=0


[root@local test]#
```

Saloshp commented on Oct 14, 2017

Found the explanation, closing issue.
https://docs.ansible.com/ansible/2.4/playbooks_reuse.html#differences-between-static-and-dynamic

🚫   👤 **Saloshp** closed this on Oct 14, 2017

🏷   👤 **mkrizek** removed the `needs_triage` label on Oct 20, 2017

🏷   Ⓐ **ansibot** added `bug` and removed `bug_report` labels 11 days ago