

ansible-playbook 实现服务滚动更新实例

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playbook 例子如下

```

<pre mdtype="fences" cid="n27" lang="yaml" class="md-fences md-end-block ty-contain-c
modeLoaded" spellcheck="false"><span role="presentation"><span class="cm-meta">- </
pan><span class="cm-atom">hosts</span><span class="cm-meta">: </span>all</span><
r/><span role="presentation"><span class="cm-atom">  become</span><span class="cm
meta">: </span><span class="cm-keyword">yes</span></span><br/><span role="presen
ation"><span class="cm-atom">  serial</span><span class="cm-meta">: </span>33%</sp
n><br/><span role="presentation"><span class="cm-atom">  gather_facts</span><span cl
ss="cm-meta">: </span><span class="cm-keyword">no</span></span><br/><span role=
presentation"><span class="cm-atom">  tasks</span><span class="cm-meta">:</span></
pan><br/><span role="presentation"><span class="cm-meta">  - </span><span class="
m-atom">name</span><span class="cm-meta">: </span>Checking group_vars/all.yml</sp
n><br/><span role="presentation"><span class="cm-atom">    stat</span><span class="
m-meta">:</span></span><br/><span role="presentation"><span class="cm-atom">
ath</span><span class="cm-meta">: </span>group_vars/all.yml</span><br/><span role=
presentation"><span class="cm-atom">    delegate_to</span><span class="cm-meta">: <
span>localhost</span><br/><span role="presentation"><span class="cm-atom">    run_o
nce</span><span class="cm-meta">: </span><span class="cm-keyword">yes</span></spa
><br/><span role="presentation"><span class="cm-atom">    become</span><span clas
="cm-meta">: </span><span class="cm-keyword">no</span></span><br/><span role="p
esentation"><span class="cm-atom">    register</span><span class="cm-meta">: </span>
esult</span><br/><span role="presentation"><span class="cm-meta">  - </span><span c
ass="cm-atom">fail</span><span class="cm-meta">:</span></span><br/><span role="p
esentation"><span class="cm-atom">    msg</span><span class="cm-meta">: </span><
span class="cm-string">"Please create group_vars/all.yml from group_vars/all.yml.example, an
edit it to suit your environment before your deploy."</span></span><br/><span role="pre
entation"><span class="cm-atom">    when</span><span class="cm-meta">: </span>resu
t.stat.exists == false</span><br/><span role="presentation"><span class="cm-atom">
elegate_to</span><span class="cm-meta">: </span>localhost</span><br/><span role="p
esentation"><span class="cm-atom">    run_once</span><span class="cm-meta">: </spa
><span class="cm-keyword">yes</span></span><br/><span role="presentation"><span c
ass="cm-atom">    become</span><span class="cm-meta">: </span><span class="cm-ke
yword">no</span></span><br/><span role="presentation"><span cm-text=""></span></
pan><br/><span role="presentation"><span class="cm-meta">- </span><span class="cm-
tom">hosts</span><span class="cm-meta">: </span>all</span><br/><span role="presen
ation"><span class="cm-atom">  become</span><span class="cm-meta">: </span><span
lass="cm-keyword">yes</span></span><br/><span role="presentation"><span class="cm
atom">  serial</span><span class="cm-meta">: </span>33%</span><br/><span role="pr
sentation"><span class="cm-atom">  roles</span><span class="cm-meta">:</span></spa
><br/><span role="presentation"><span class="cm-meta">  - </span>init</span></pre>

```

对于上述例子：

- 默认情况下，Ansible 将尝试并行管理 playbook 中所有的机器。对于滚动更新用例，可以使用 serial 关键字定义 Ansible 一次应管理多少主机
- 将 serial 关键字指定为百分比，表示每次并行执行的主机数占总数的比例
- 将 serial 关键字指定为数字，如 2，表示每次并行执行的主机数为 2，多批次直到执行完成。