

final workshop ansible:

1. Explain in your own non-ChatGPTed words what's the pros of using Ansible as opposed to an AMI template.
2. Explain in your own non-ChatGPTed words what's the cons of using Ansible as opposed to an AMI template.


answer combined: i will answer the questions combined because its doesnt have a right answer and ill expain you why, in the cons of using ansible ill will say it is slow - if you deploy a large and complex system it can take easily a ot of time to run. i read on a blog that that someone wrote that he is worry that ansible playbook may fail because the packages downloaded from open-source repository and they may have deleted or changed (like we had in the class exercises lately) but i dont think it is need to be a worry for him or anybody, linux package managers pull from these open source repos every single day its unlikely that it will happen. the repos are frequently well maintaind. managing AMI is faster and easier is only true in a small scale of what you need to do, when you have smallers scales its probably not worth to do everything with IaC. but, today when companies are looking to grow, more complexity needs to be added. that why IaC become more popular its have many advantages that I can say now, but in conclusion, it all depends on your scale and the best approach is the one that fits your and your company's needs.

command to create the instances throw the aws ci:

```
91 aws ec2 run-instances --image-id  
ami-0ad554caf874569d2 --instance-typ  
e t3.micro --key-name GalPEM --security-group-ids  
sg-0b7e14558d2c65b6b --sub  
net-id subnet-02305e9ebc28f7414 --tag-specifications  
'ResourceType=instance,  
Tags=[{Key=Name,Value=mysql-test-aws-01_GalK},{Key=Servi  
ce,Value=mysql},{Key  
=Version,Value=5.7},{Key=Restart,Value="Sunday at 6:00  
am"}]' --count 1
```

```
92 aws ec2 run-instances --image-id  
ami-0ad554caf874569d2 --instance-typ  
e t3.micro --key-name GalPEM --security-group-ids  
sg-0b7e14558d2c65b6b --sub  
net-id subnet-02305e9ebc28f7414 --tag-specifications  
'ResourceType=instance,  
Tags=[{Key=Name,Value=nginx-test-aws-06_GalK},{Key=Servi  
ce,Value=nginx},{Key  
=Version,Value=1.17},{Key=Restart,Value="Saturday at  
midnight"}]' --count 1
```

Instances (1/3) [Info](#)


Last updated  less than a minute ago













[Connect](#) [Instance state ▼](#) [Actions ▼](#)

[Launch instances ▼](#)

[All states ▼](#)

[galk](#) [X](#) [Clear filters](#)

< 1 > 

	Name 	Instance ID	Instance state 	Instance type
<input checked="" type="checkbox"/>	mysql-test-aw...	i-0fcb18e0a0ec457f1	 Running  	t3.micro
<input type="checkbox"/>	GalK_ansibleEX	i-063dc3d045cdb5912	 Running  	t2.medium
<input type="checkbox"/>	nginx-test-aws...	i-0e9baf975a45746c5	 Running  	t3.micro

הרצת הפלייבוק לאחר תיקונים (ניתן לראות שלא נשבר) -

```
PLAY RECAP *****
****
localhost : ok=5    changed=2    unreachable=0    failed=0
           skipped=0    rescued=0    ignored=0
```