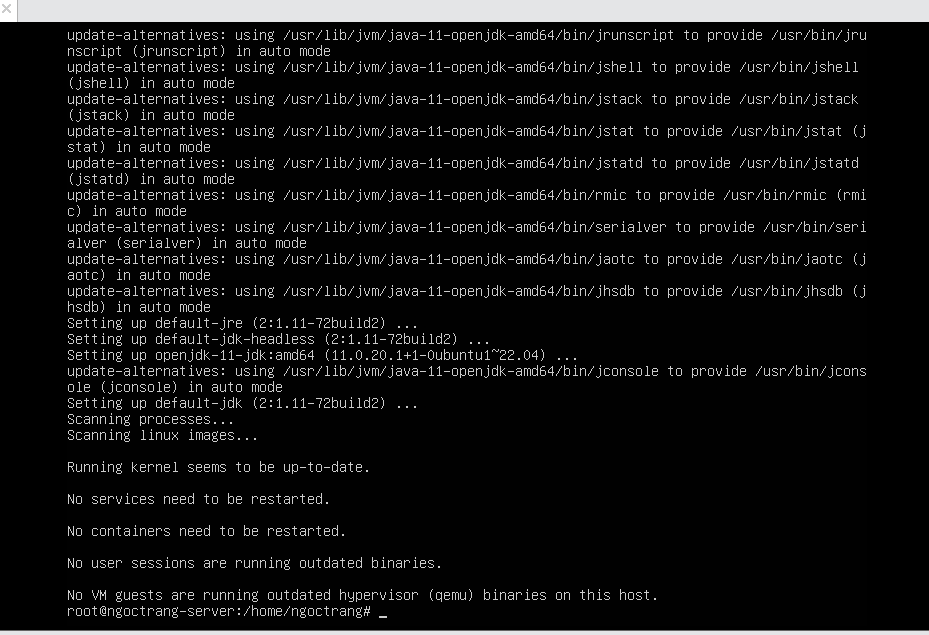
1. **Cài đăt open JDK**

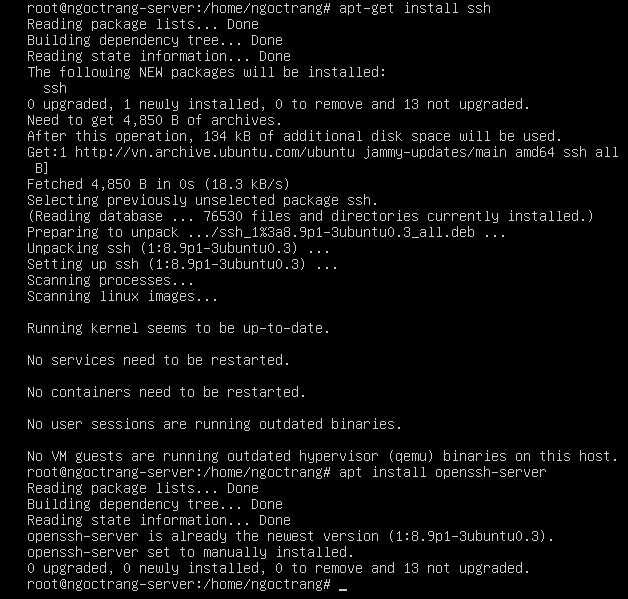
**apt update**

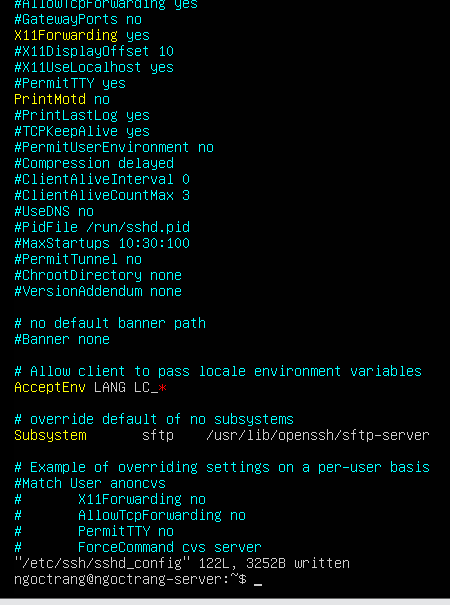
**reboot**

**apt install default-jdk**

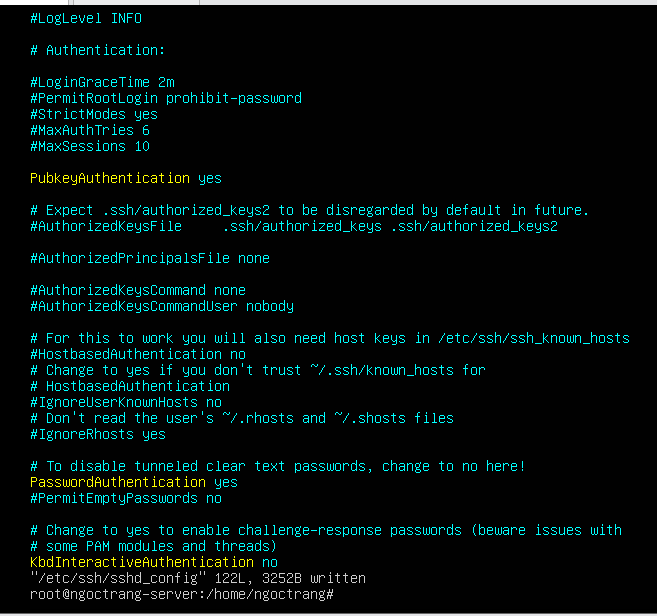


1. **Cài đặt SSH**

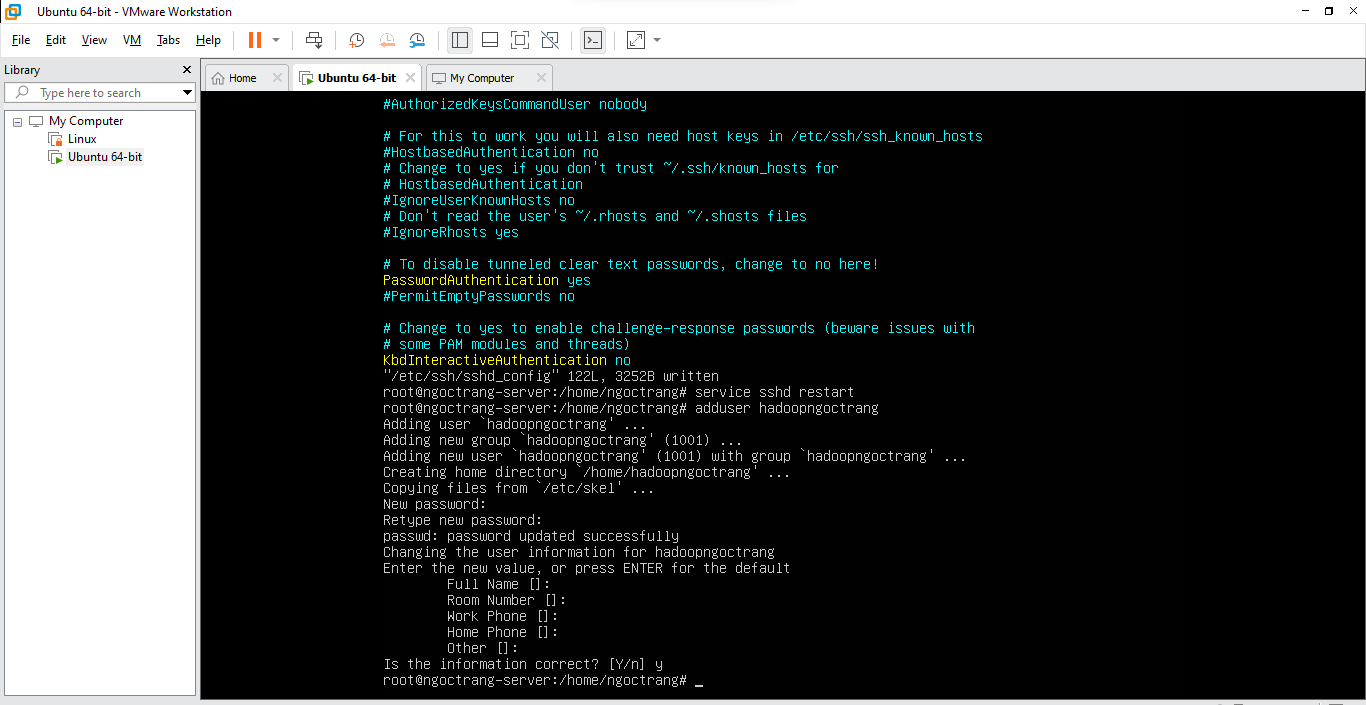




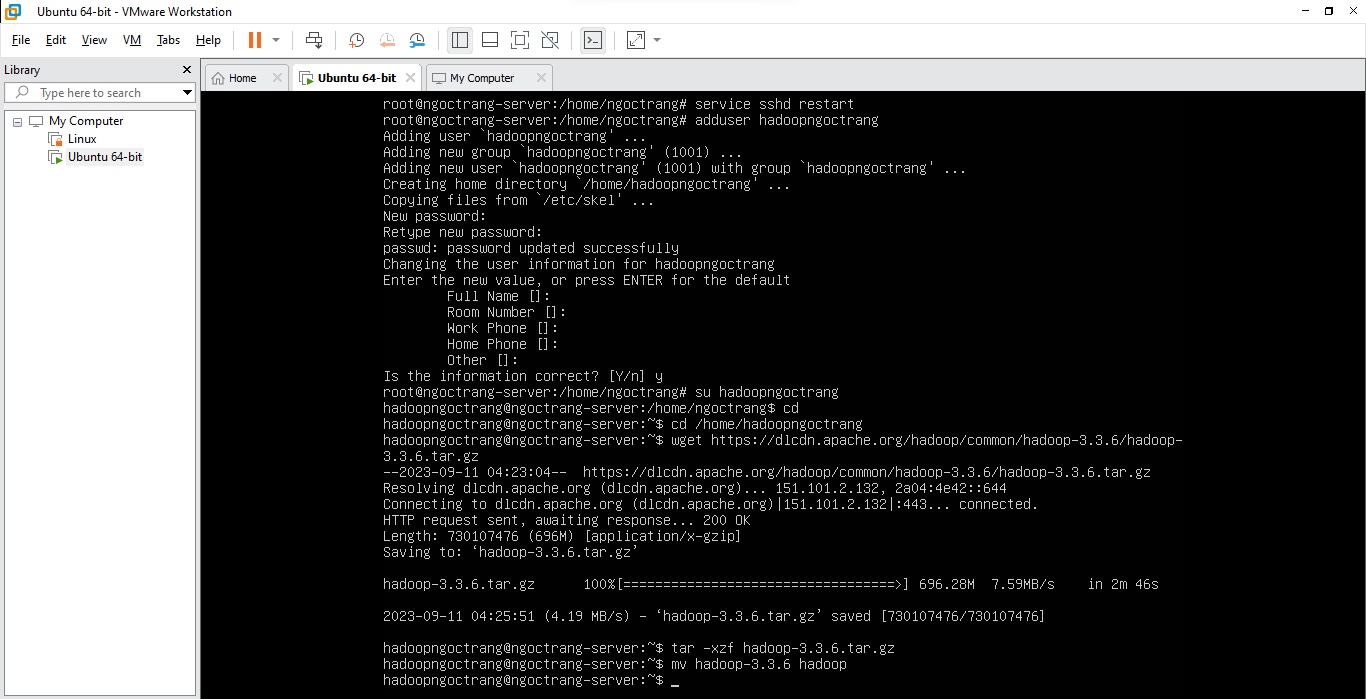
vim /etc/ssh/sshd\_config

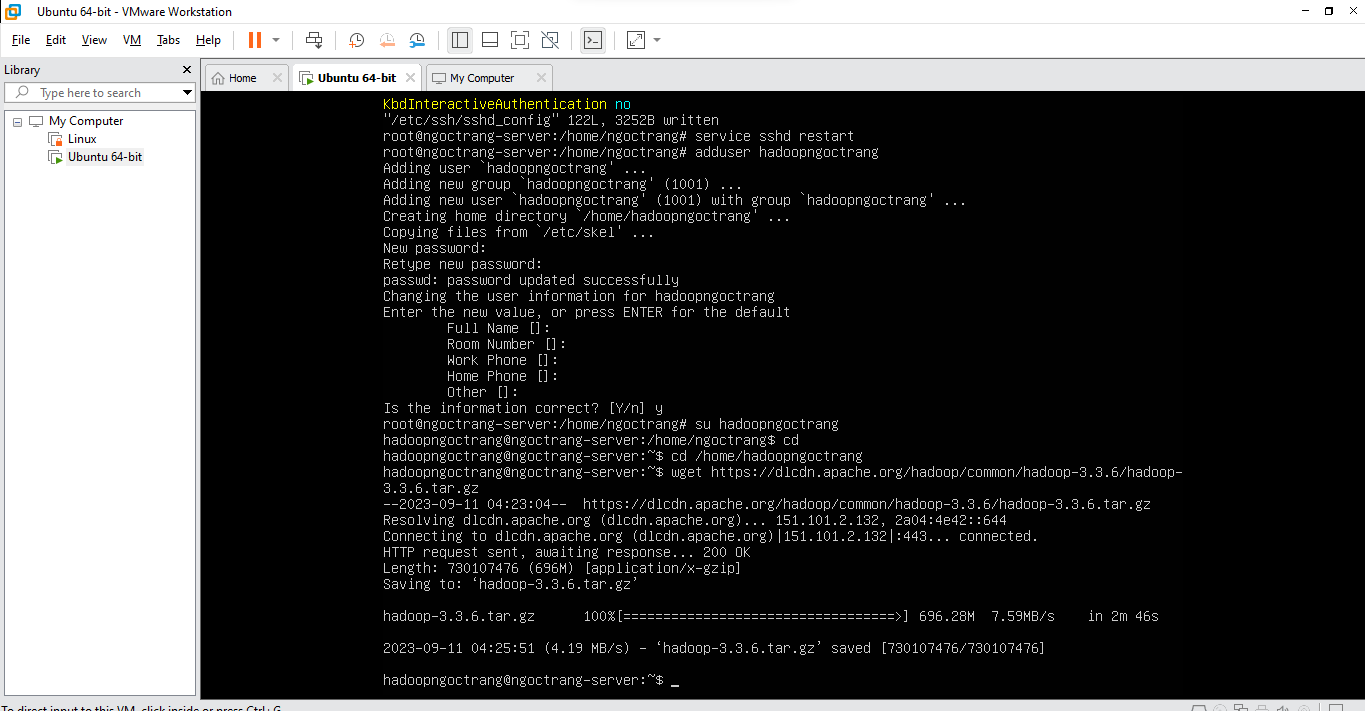


1. **Tạo user hadoop**

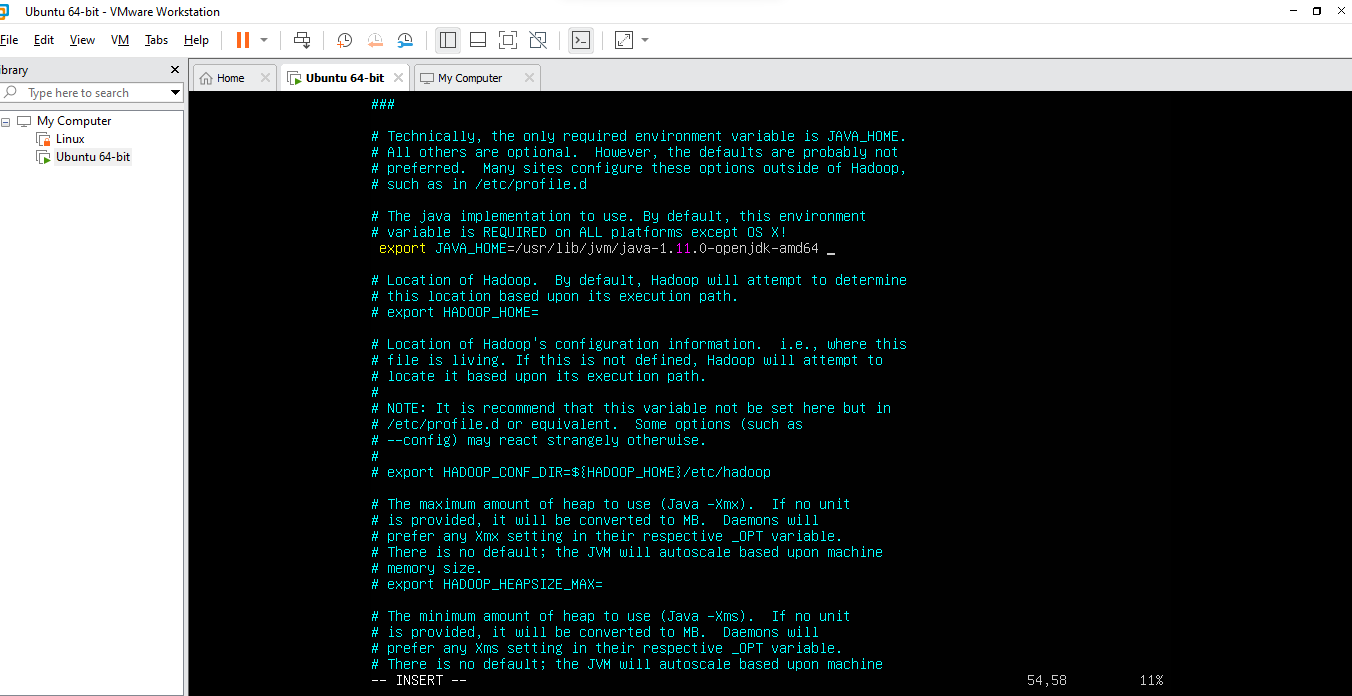
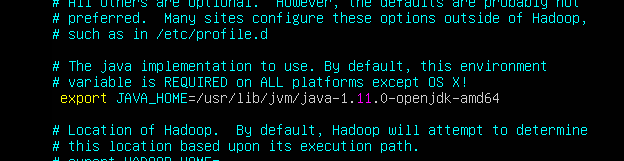


1. **Cài đặt Hadoop 3.3.4**

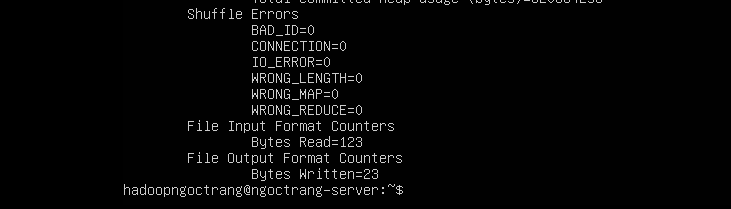


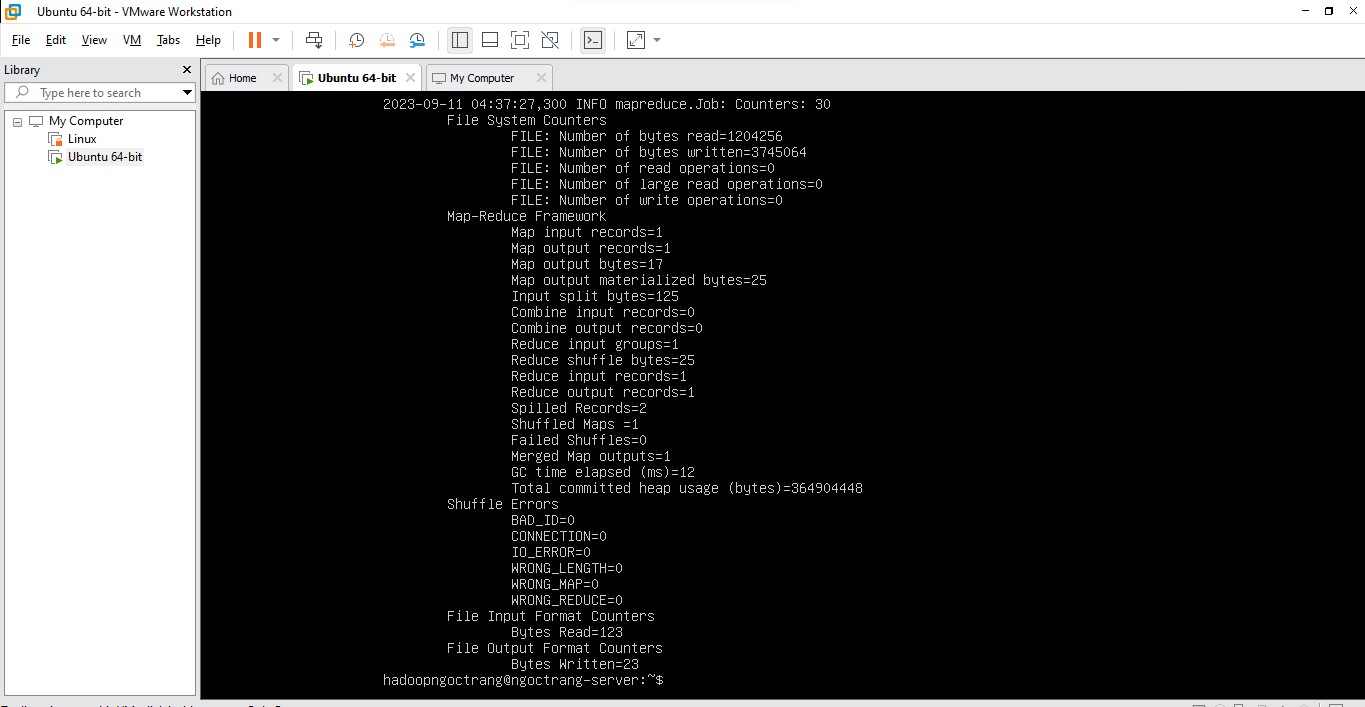


1. **Thiết lập JAVA\_HOME**

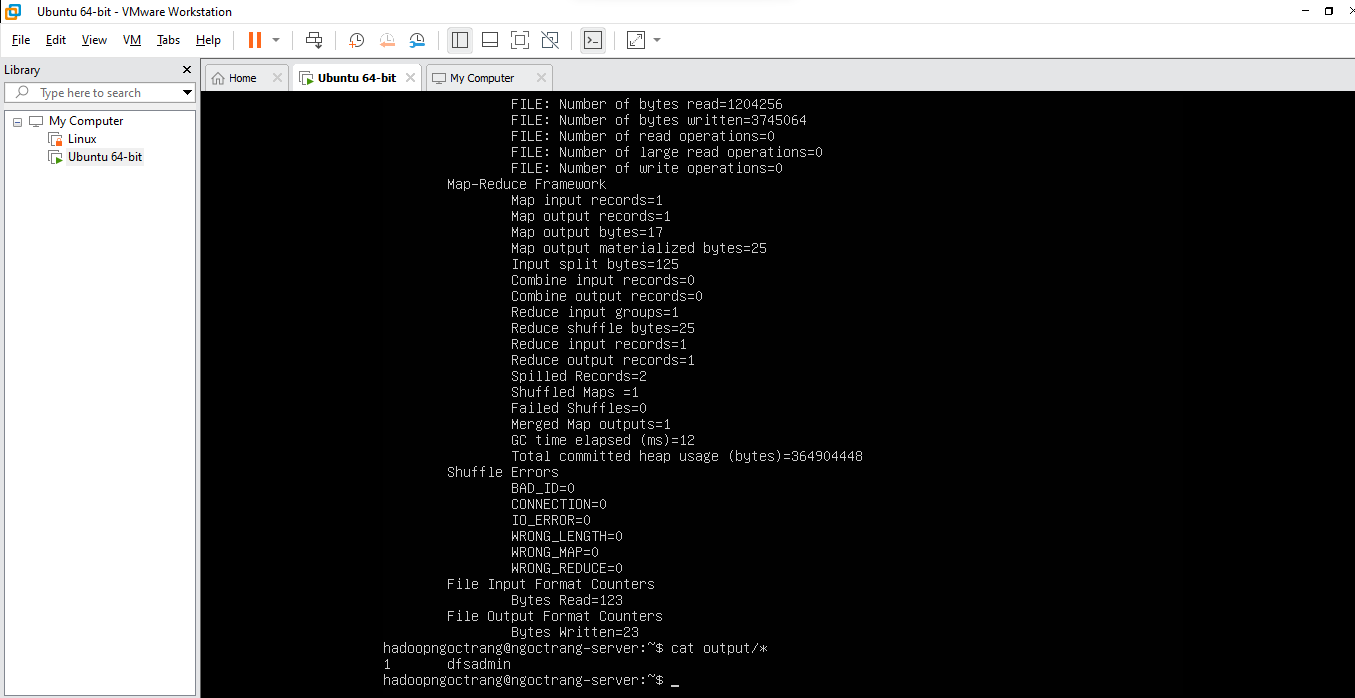
 

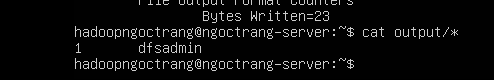
1. **Standalone Operation**





cat output/\*

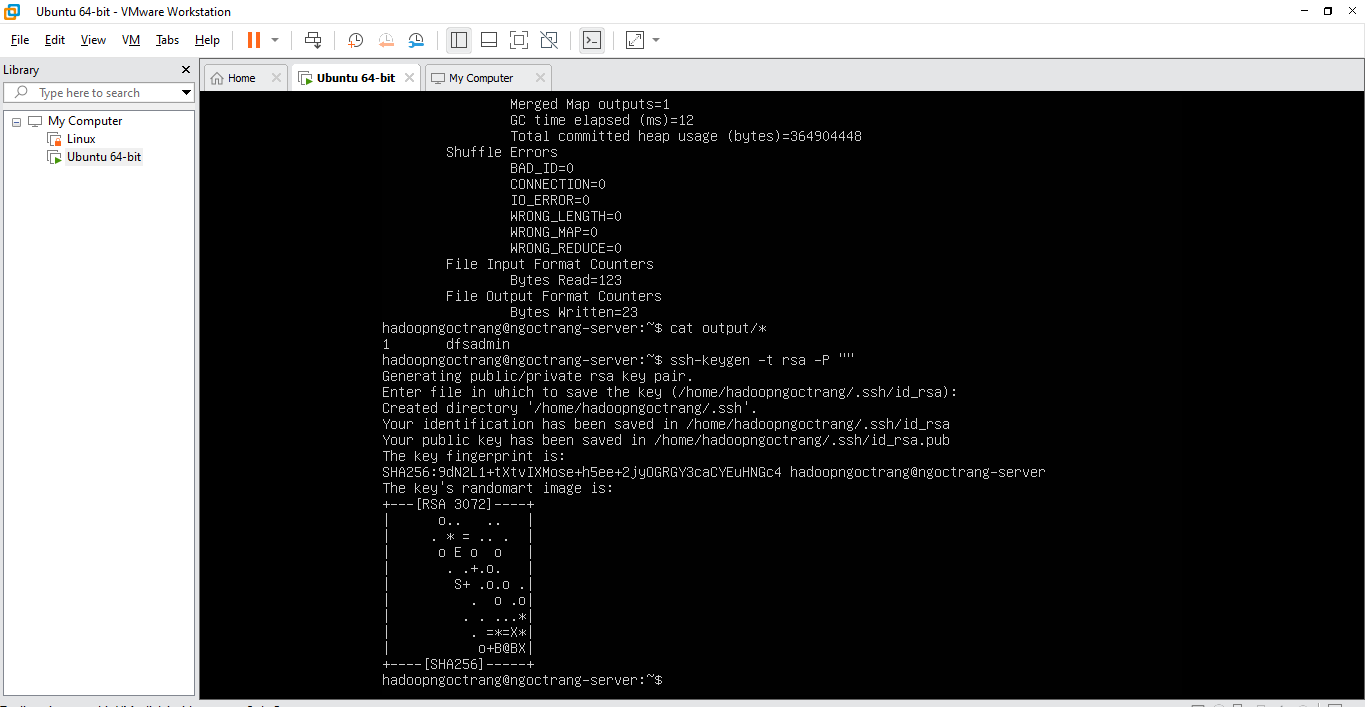


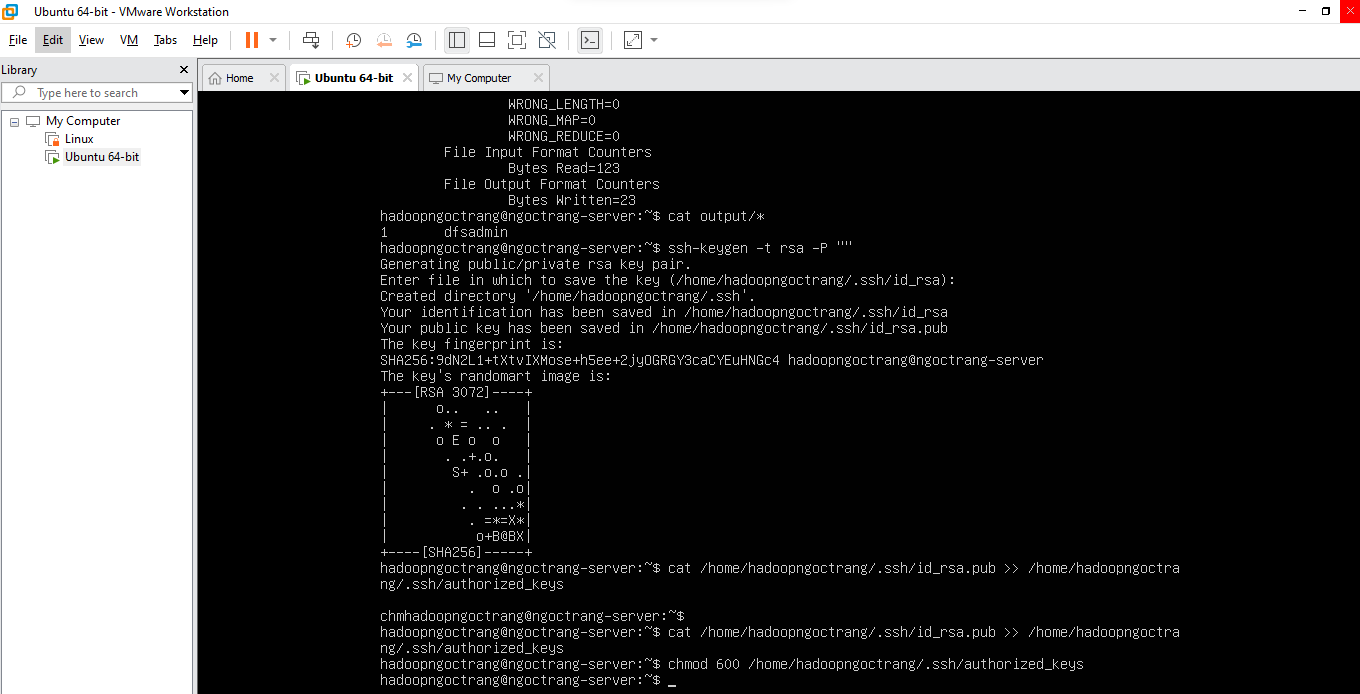


**7. Pseudo-Distributed Operation**

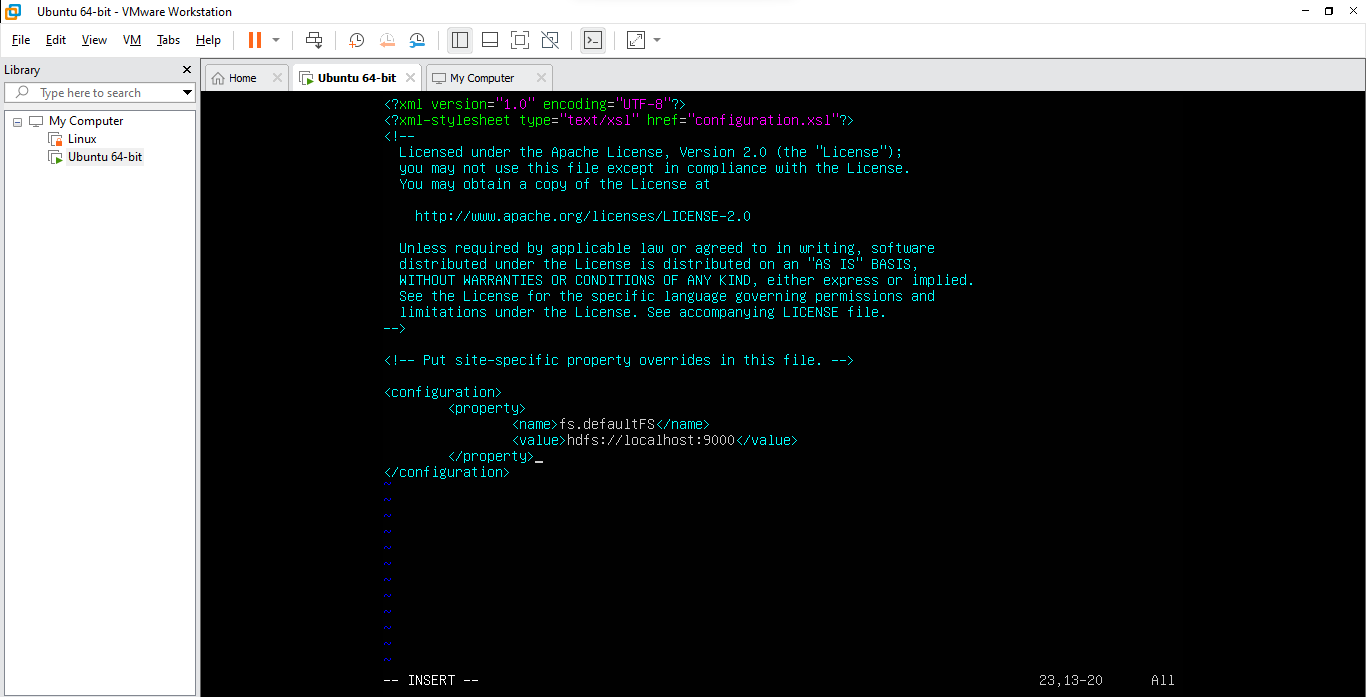
**7.1. Cài ssh key**

**ssh-keygen -t rsa -P ""**

****

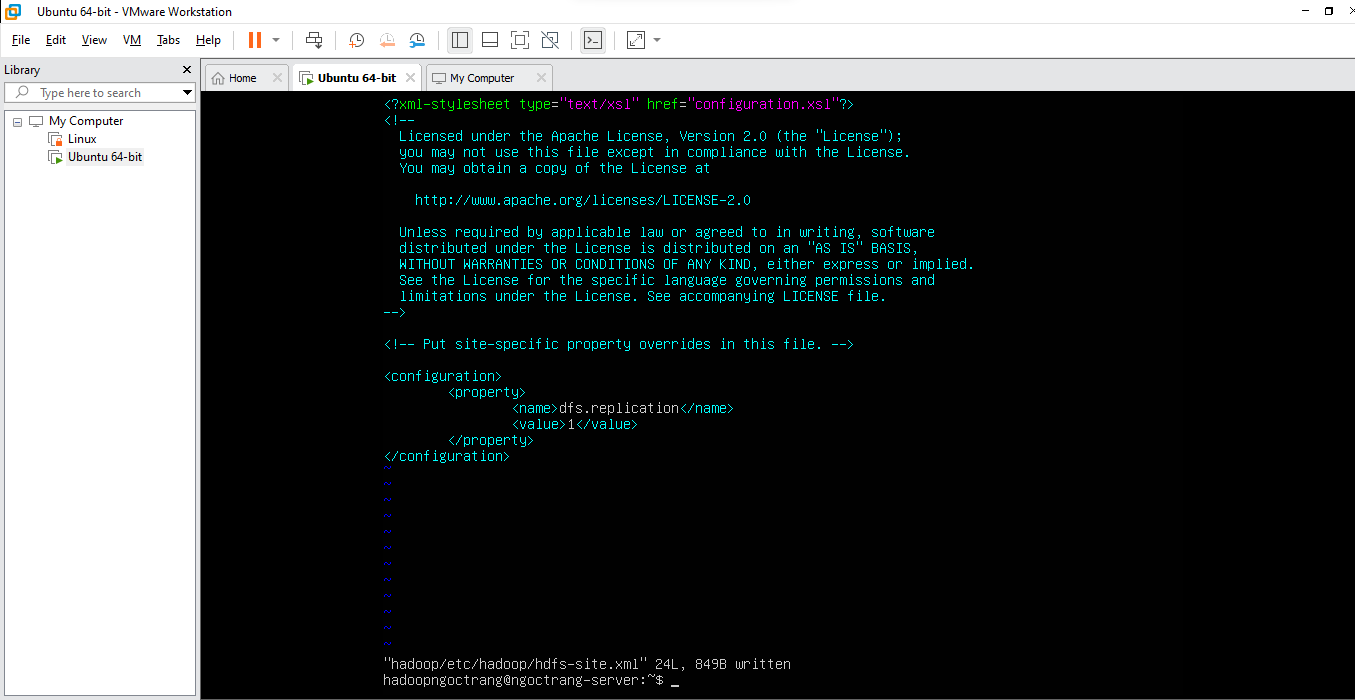
****

**7.2. Cấu hình file cỏe-site.xml**

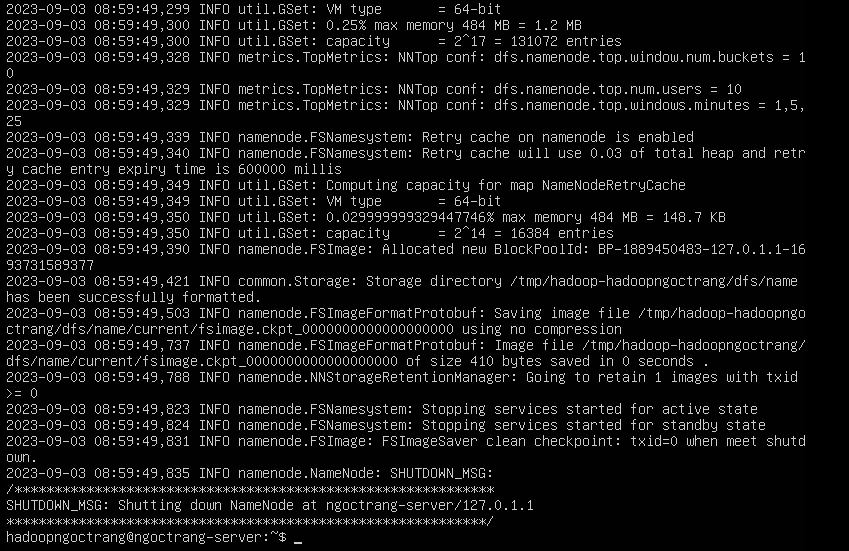
****

**7.3 Cấu hình file-site.xml**

**vim ~/hadoop/etc/hadoop/hdfs-site.xml**

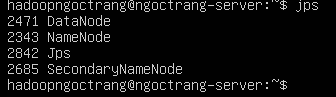


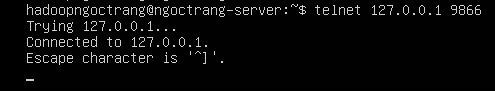
7.4 **Format hệ thống**



7.5 **Start NameNode daemon và DataNode daermon**

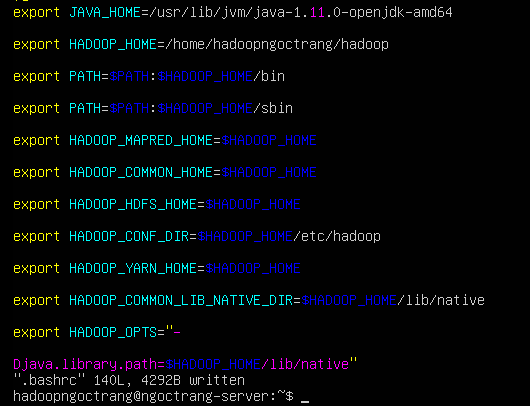




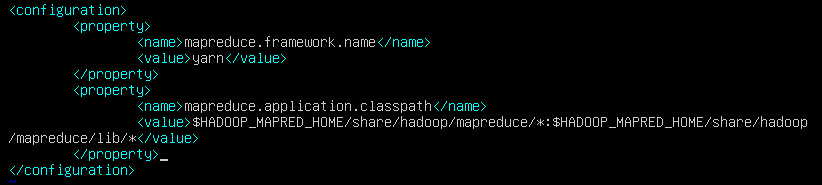




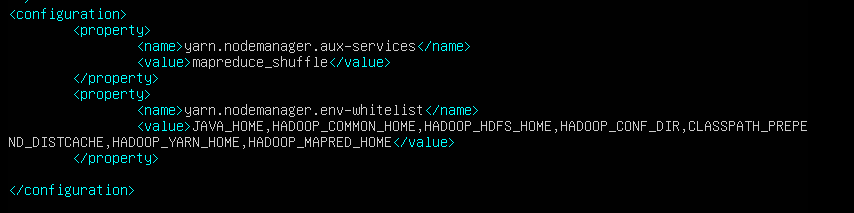
7.6 Cấu hình file .báhrc



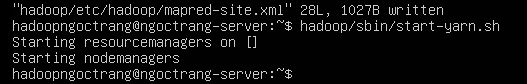
7.7 Cấu hình file mapred-site.xml



7.8 Cấu hình file yarn-site.xml



7.9 Chyaj các daemon



7.10 Chạy lại ví dụ demo trên, xóa các thư mục và tập tin đã tạo lúc trước (nếu có)



