SRE Technical Assessment

Below is a basic technical assessment for the SRE role. Perform the tasks as you would if you were doing this in a secure production environment keeping with best practices.

The instructions are limited by design to provide you an opportunity to show your abilities.

1. Create an Ansible playbook that configures the following for an existing minimal install CentOS Linux VM:
    a. Nginx reverse proxy for Apache Tomcat (Tomcat is using default config)
    b. Ensure SSH access is disabled for the root user
    c. Add further configurations you believe are suitable for a production server of this type.

2. Write a Dockerfile for Nginx reverse proxy for Apache Tomcat (Tomcat is using default config)
    a. Create a non-privileged user that can be used to login interactively.
    b. What is the command used to build this image?
    c. What is the command to run the image?