How to Install Red Hat Enterprise Linux (RHEL)

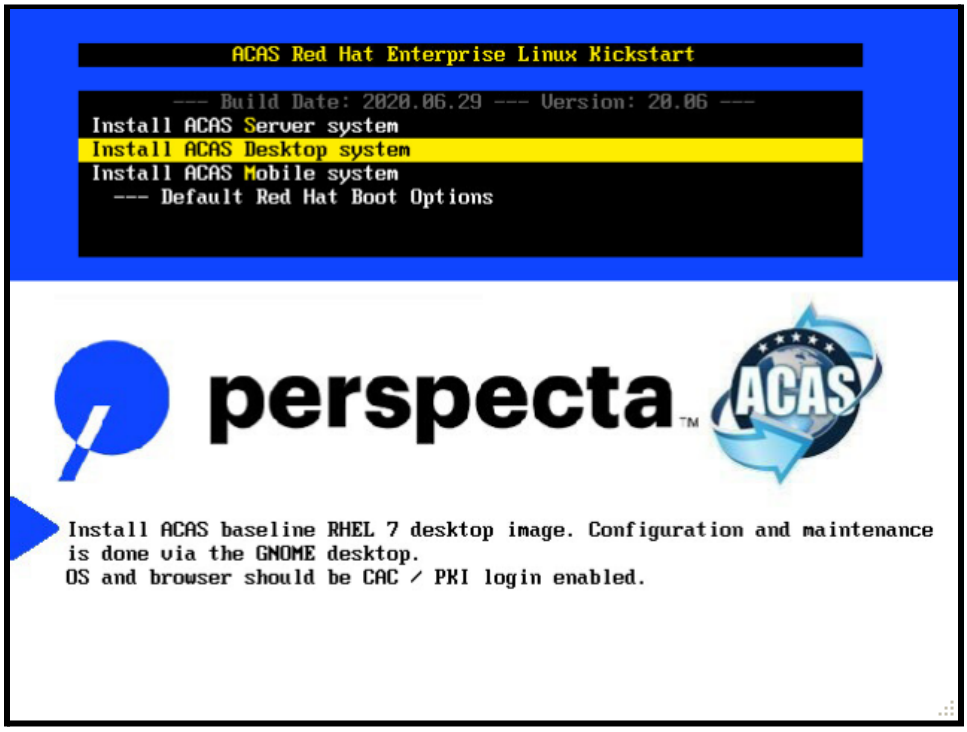
Task. Install RHEL.

Purpose. RHEL is a Linux distribution developed by Red Hat and one of the Operating Systems capable of running Tenable.sc and the Nessus vulnerability scanner.

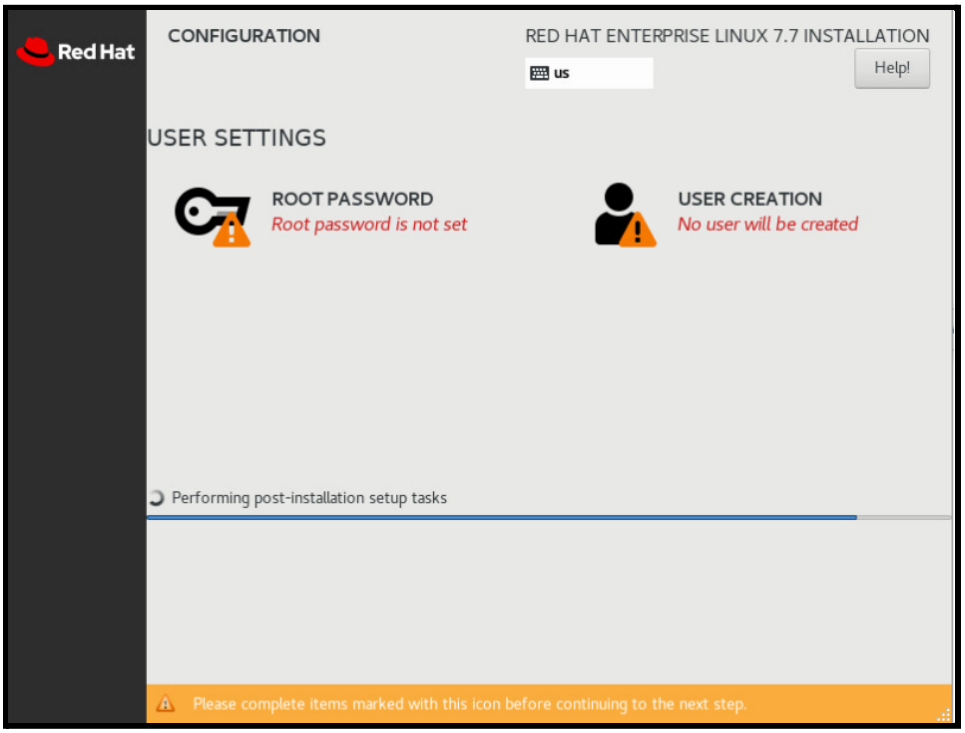
Conditions. You have access to a bootable DVD disc or USB drive with RHEL on it (this How-To does not cover how to create a bootable DVD disc or USB drive).

Standard. You were able to install RHEL.

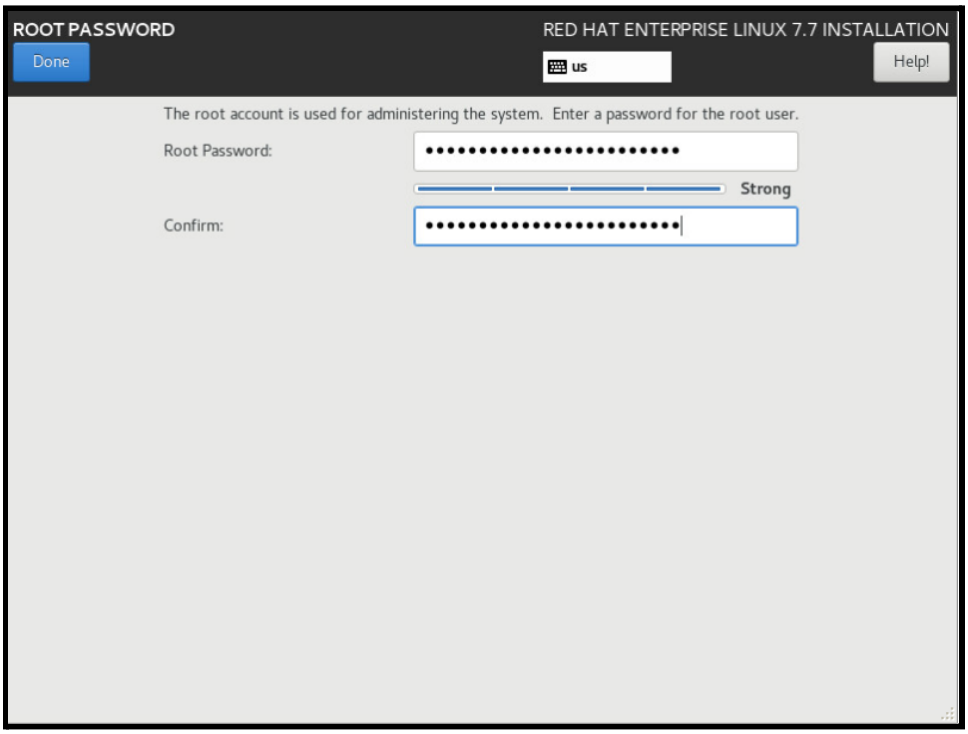
Step 1. Boot your computer using the bootable DVD disc or USB drive with RHEL on it. Select "Install ACAS Desktop system."



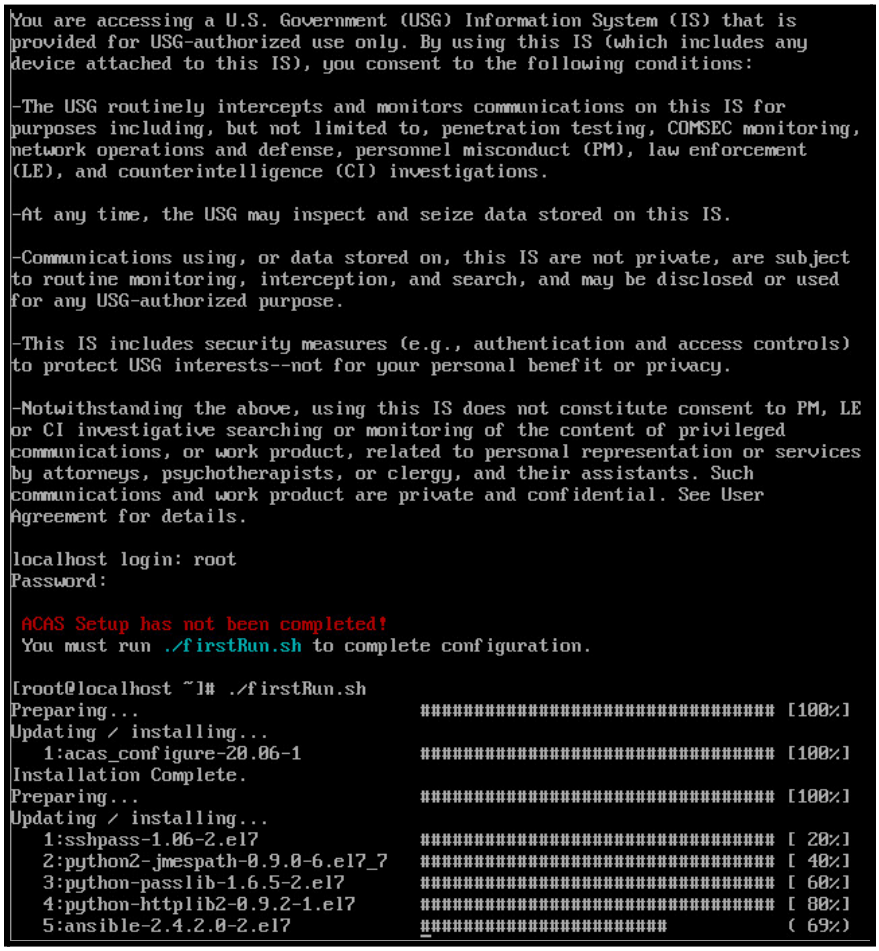
Step 2. Once your point of view looks like the screenshot below, click “Root Password.”



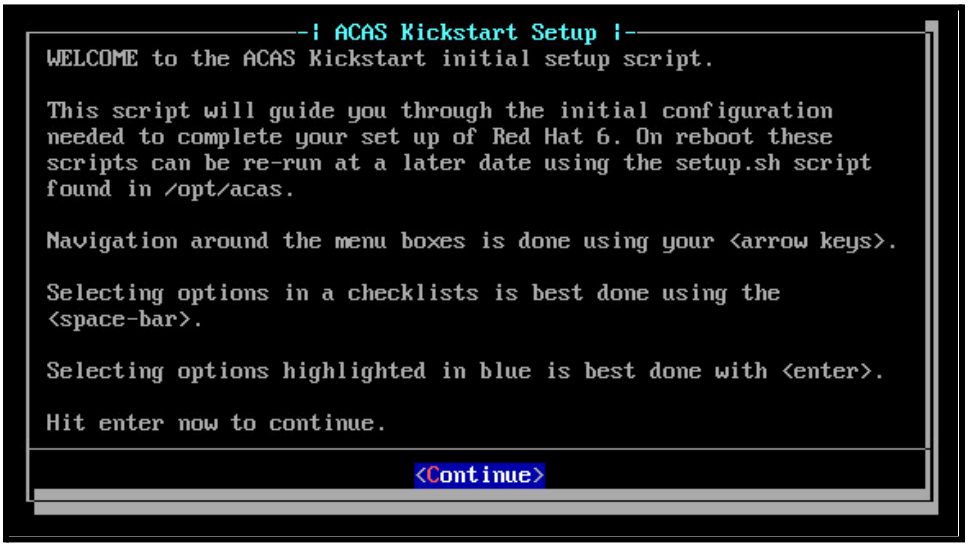
Step 3. Type a strong password in the “Root Password” and “Confirm” fields. Click “Done” and wait for the computer to restart.



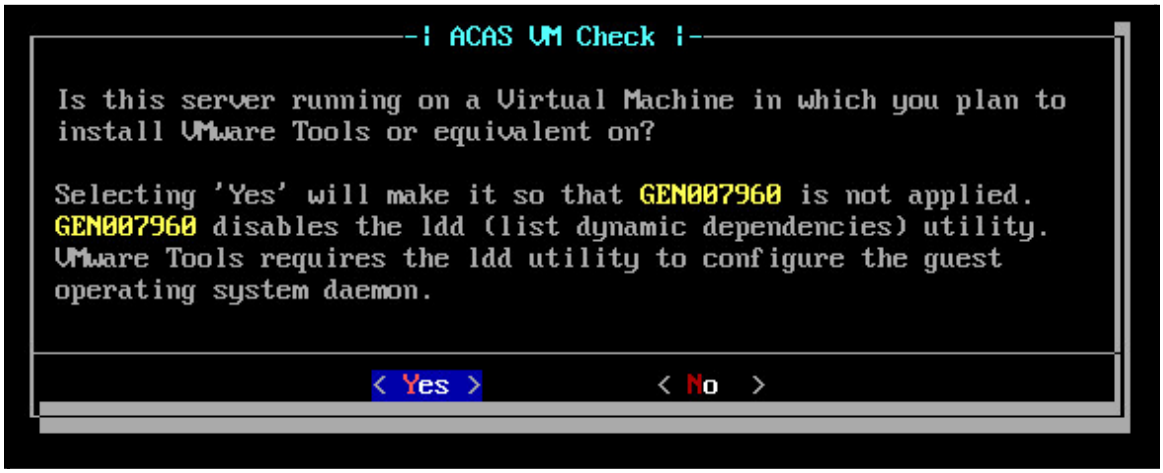
Step 4. Type “root” and press “Enter”. Type the password you configured and press “Enter.” Type “./firstRun.sh” and press “Enter.”



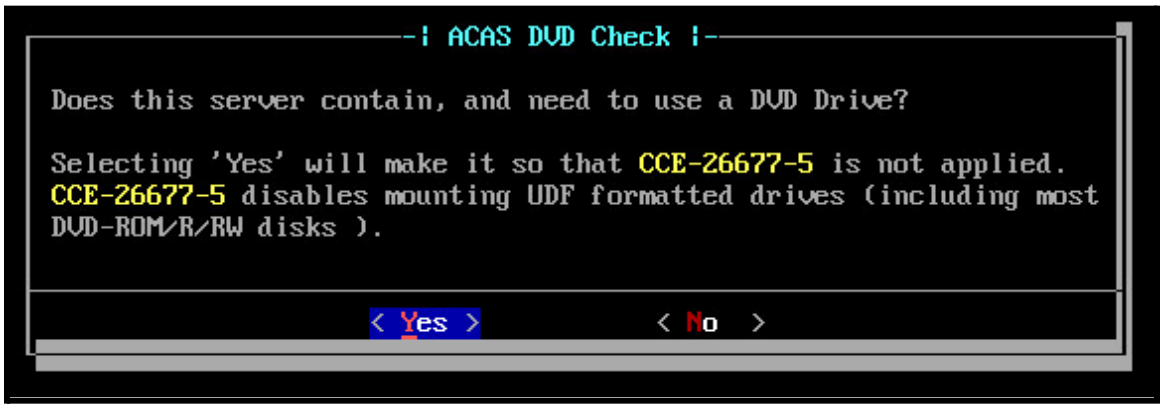
Step 5. Press “Enter.”



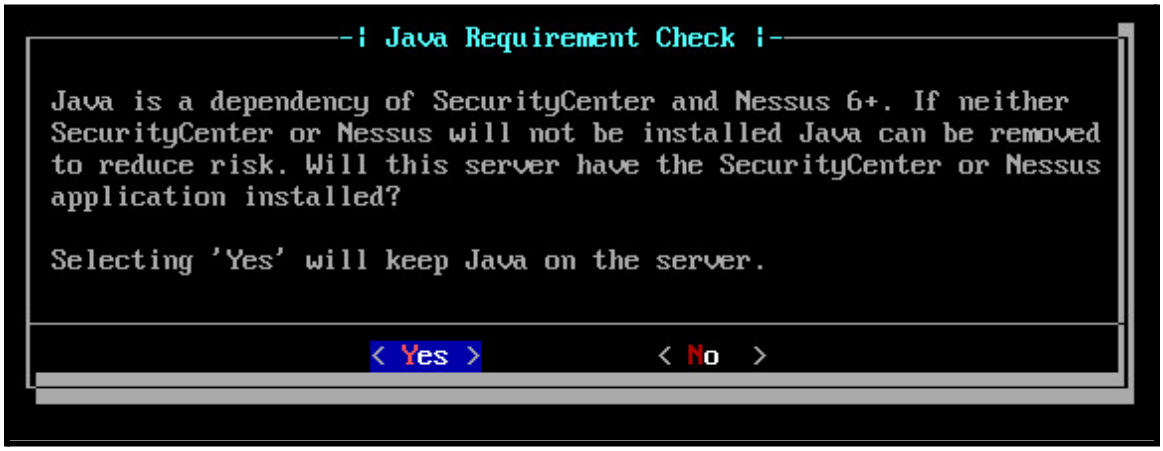
Step 6. If you are installing RHEL on a Virtual Machine, select “Yes” otherwise select “No.”



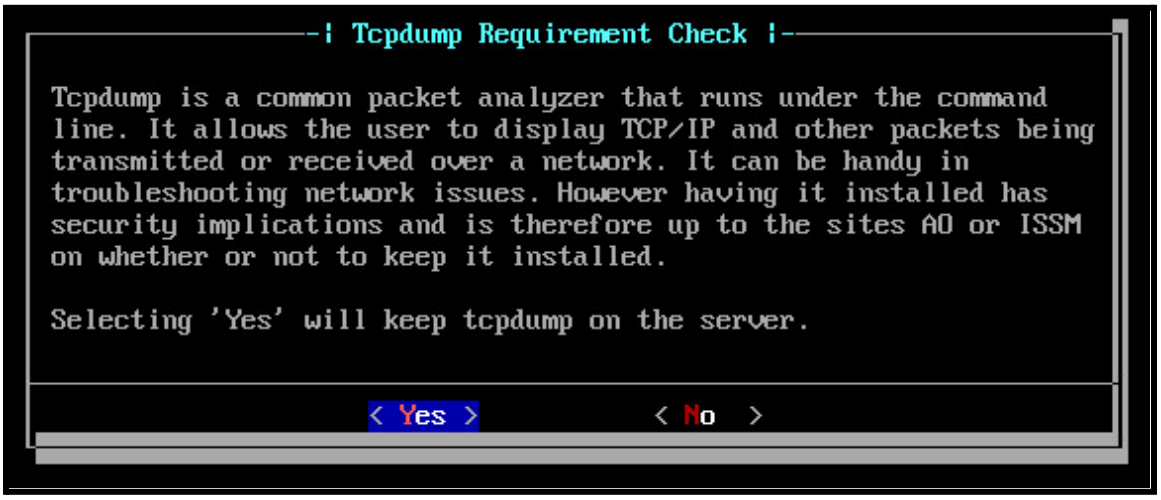
Step 7. Select “Yes” and press “Enter.”



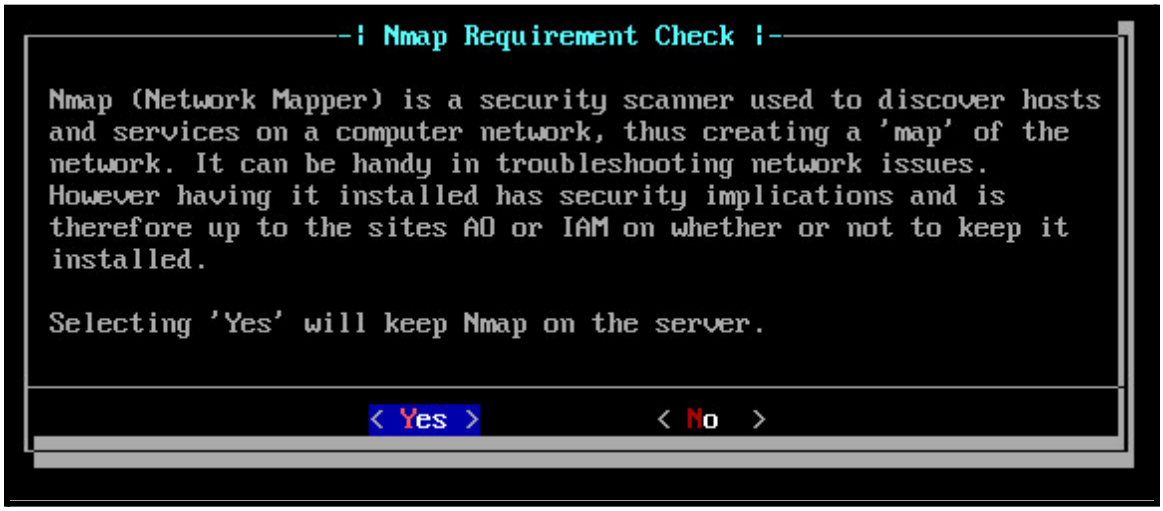
Step 8. Select “Yes” and press “Enter.”



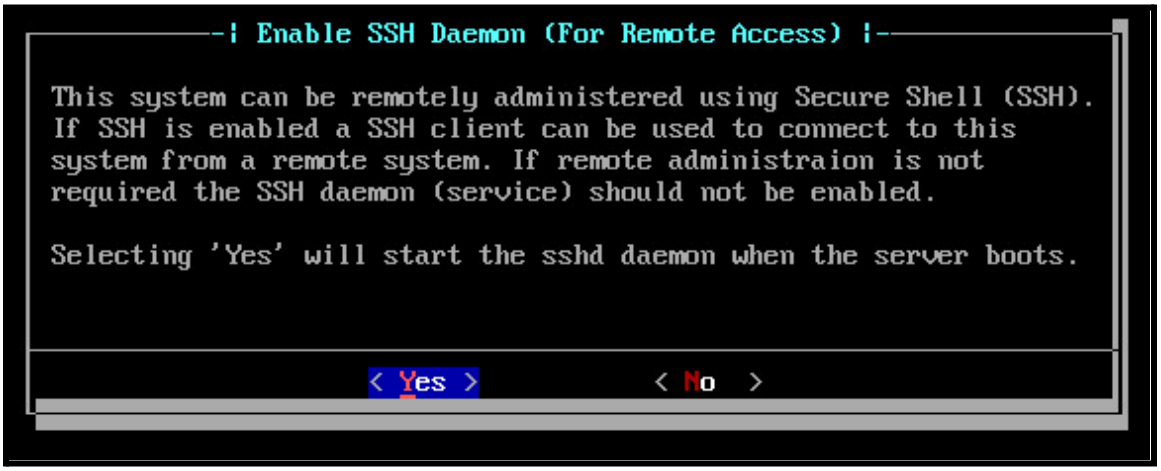
Step 9. Select “Yes” and press “Enter.”



Step 10. Select “Yes” and press “Enter.”

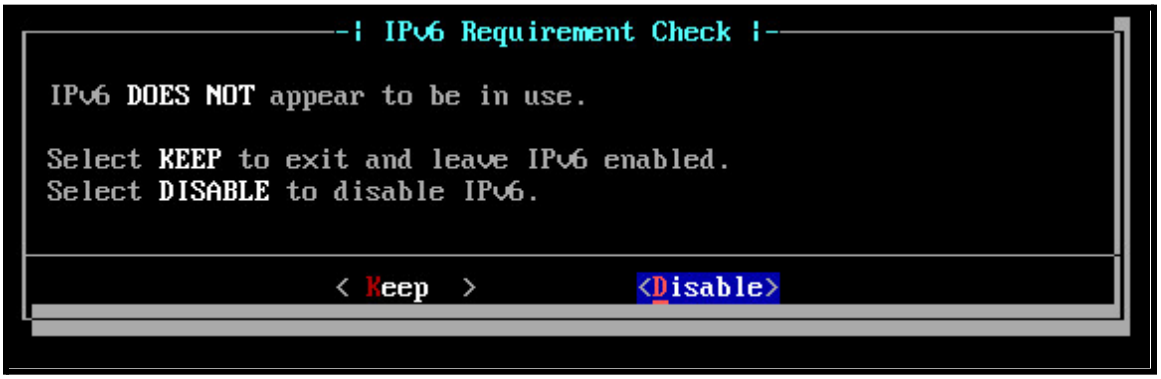


Step 11. Select “Yes” and press “Enter.”

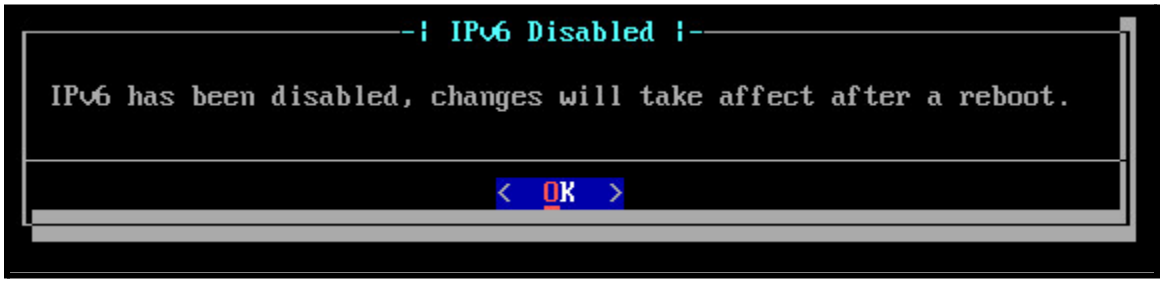


Step 12. Press “Enter.”

Step 13. Select “Disable” and press “Enter.”

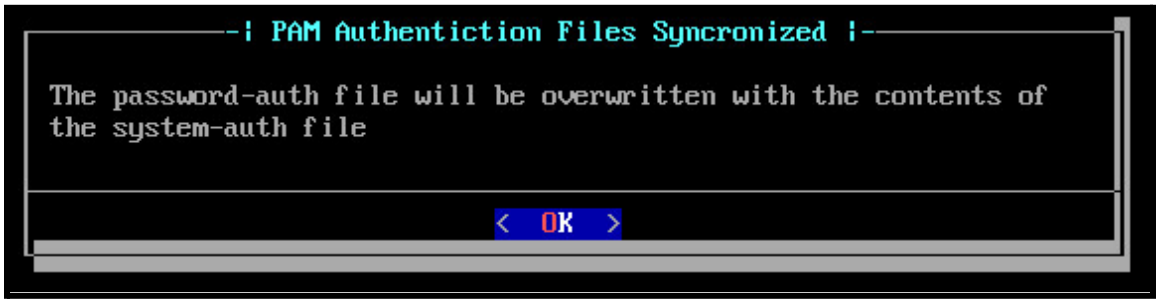


Step 14. Press “Enter.”

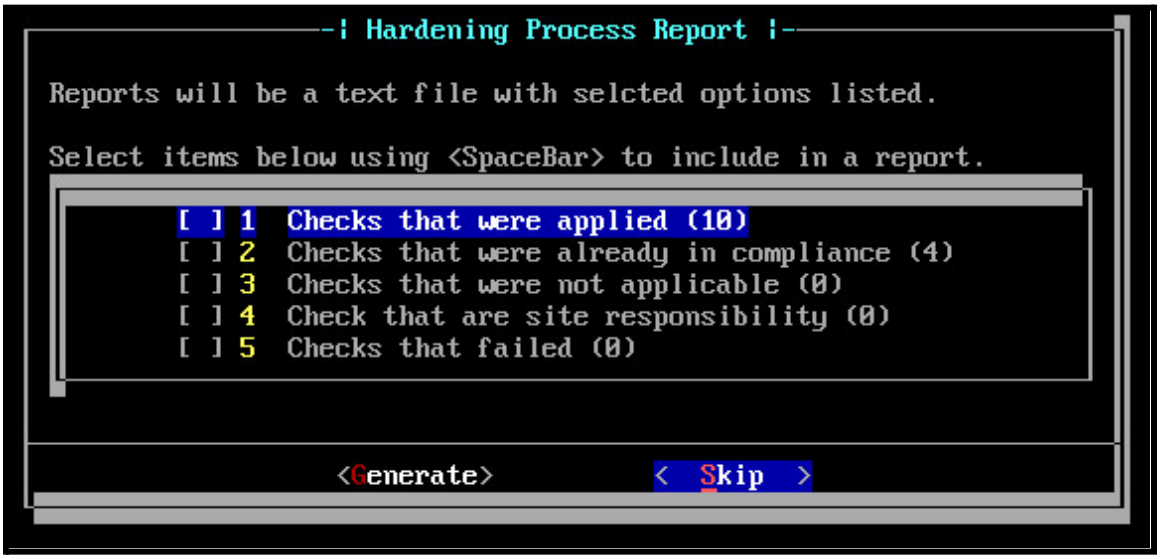


Step 15. Type “a” and press “Enter.” Wait for the hardening tasks to finish.

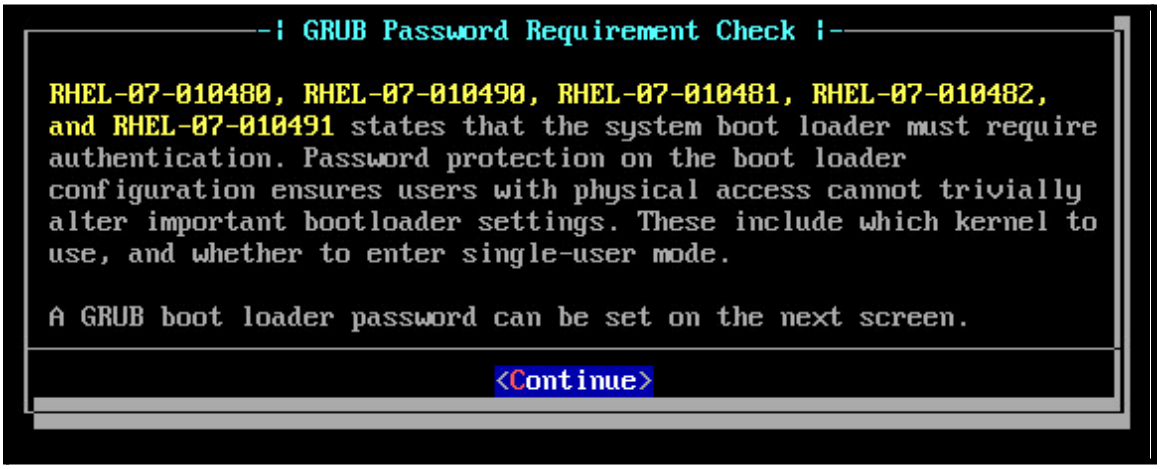
Step 16. Press “Enter.”



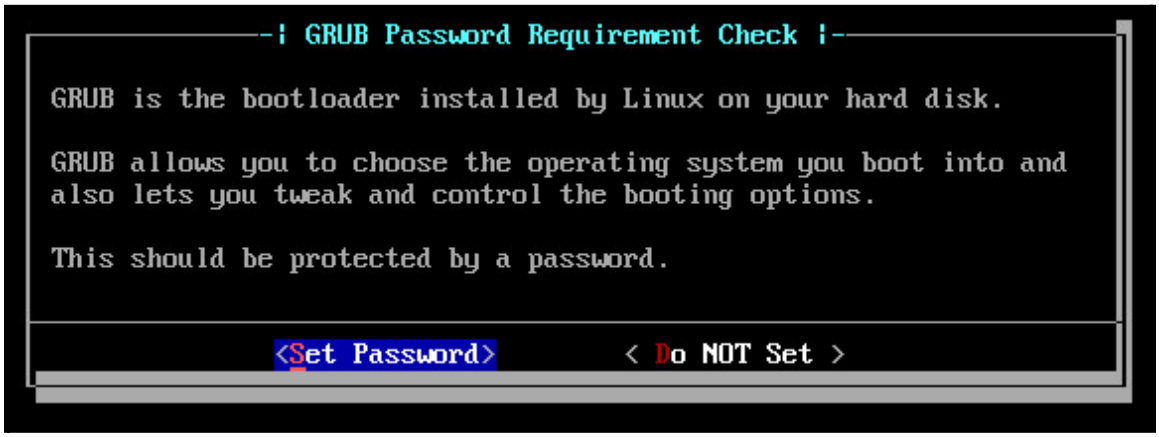
Step 17. Select “Skip” and press “Enter.”



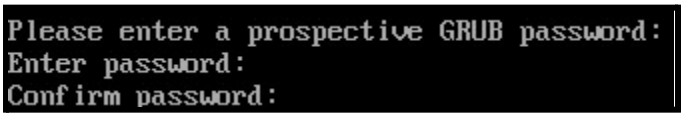
Step 18. Press “Enter.”



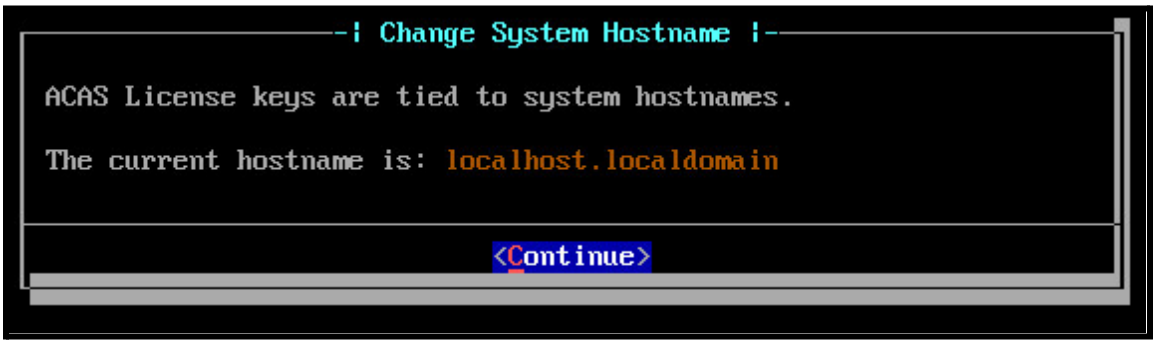
Step 19. Select “Set Password” and press “Enter.”



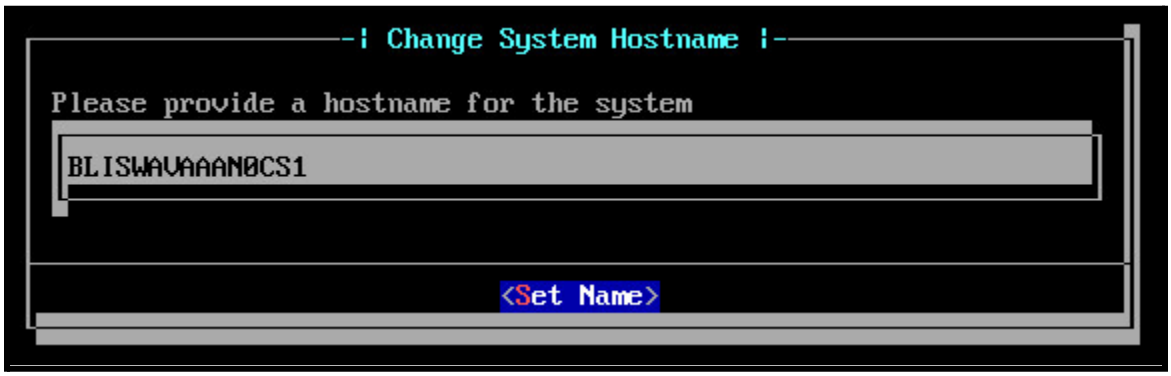
Step 20. Type and confirm a password when prompted.



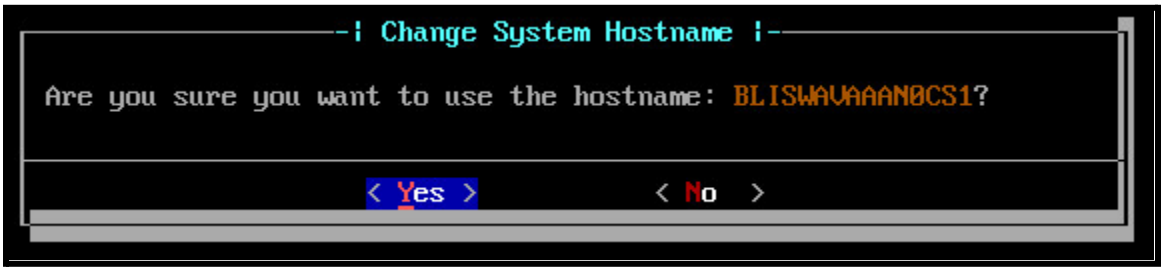
Step 21. Press “Enter.”



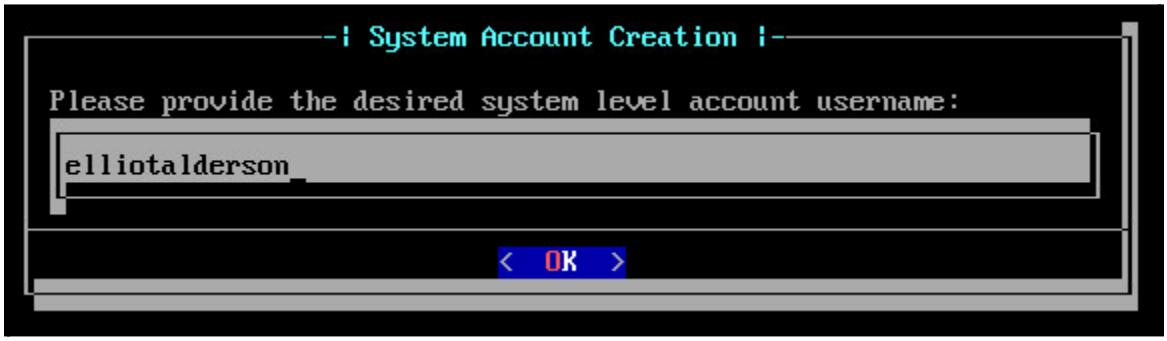
Step 22. Type a hostname and press “Enter.” NOTE: if you plan to use this instance of RHEL for Tenable.sc (ACAS), the hostname must match what you declared in your license request. Naming convention information for the Department of the Army can be found here: https://army.deps.mil/netcom/sites/resourcecenter/pages/cinamingconventions.aspx



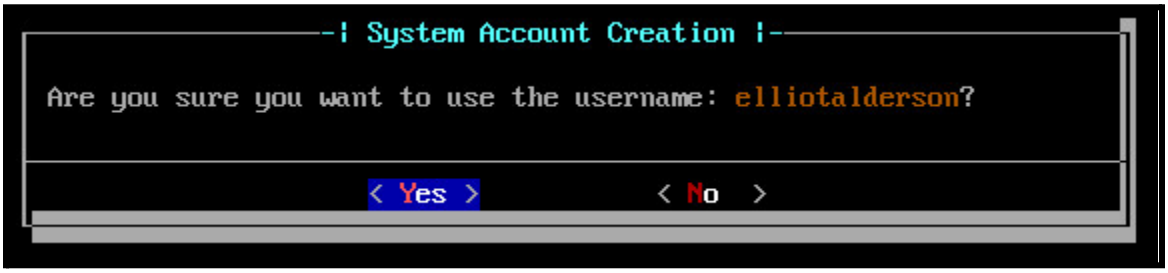
Step 23. Select “Yes” and press “Enter.”



Step 24. Type a username for the person who will administer this instance of RHEL and press “Enter.”



Step 25. Select “Yes” and press “Enter.”

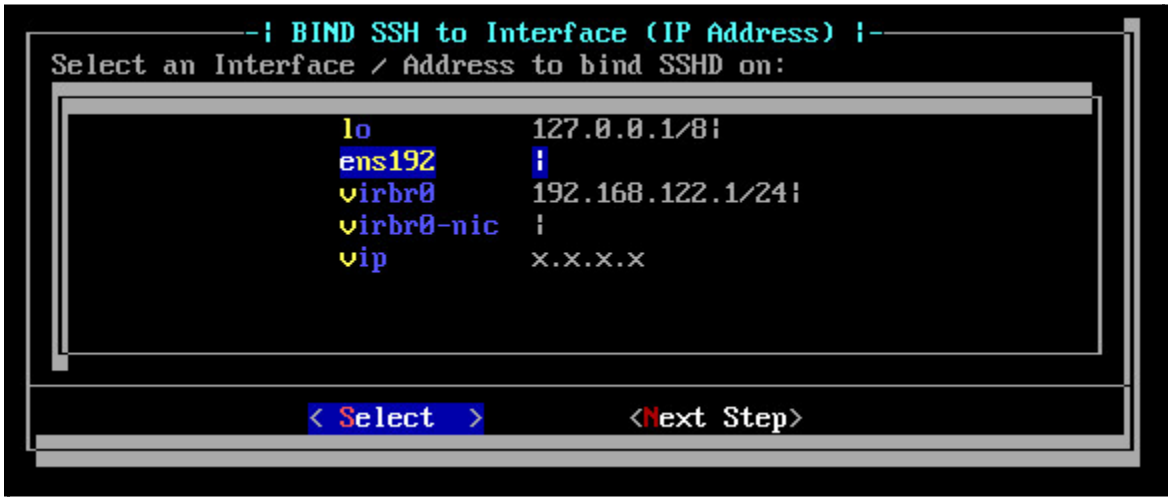


Step 26. Type a password for the person who will administer this instance of RHEL and press “Enter.”

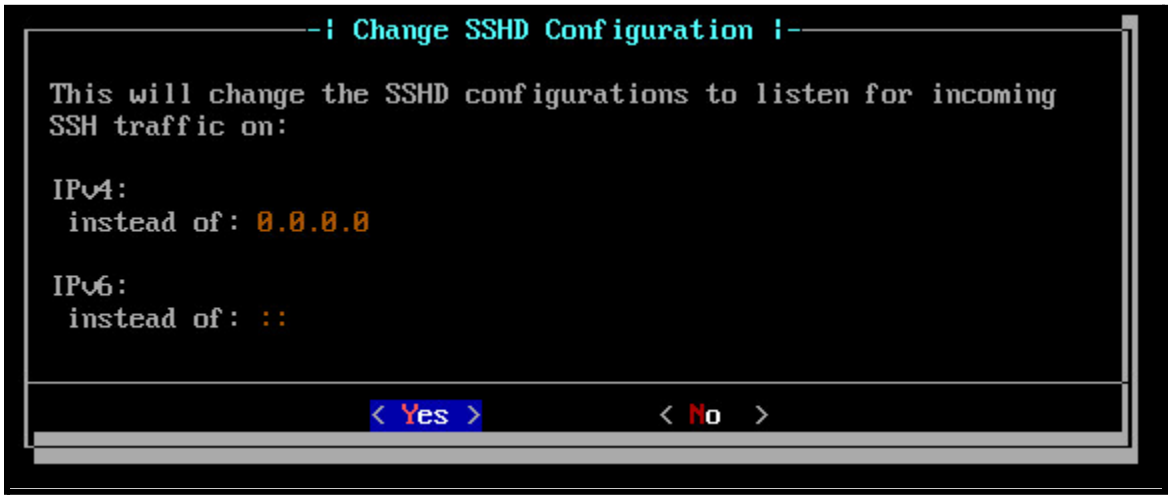
Step 27. Type the same password again to confirm it and press “Enter.”

Step 28. Press “Enter.”

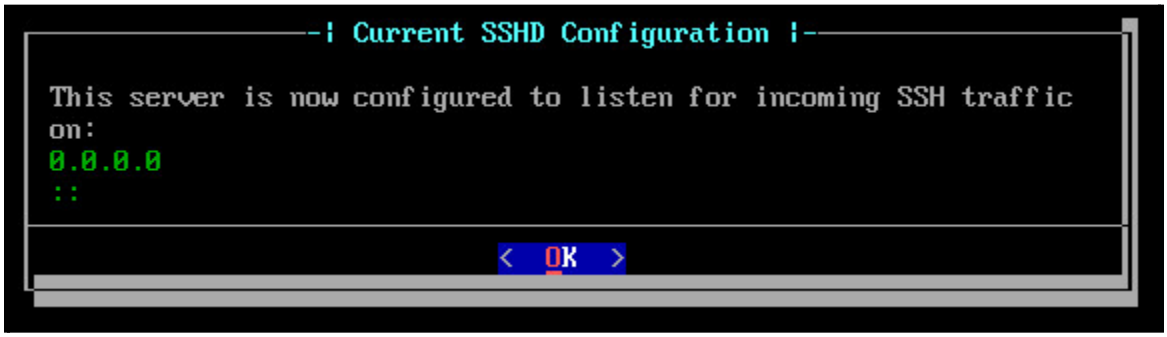
Step 29. Select your physical Network Interface Card and press “Enter.”



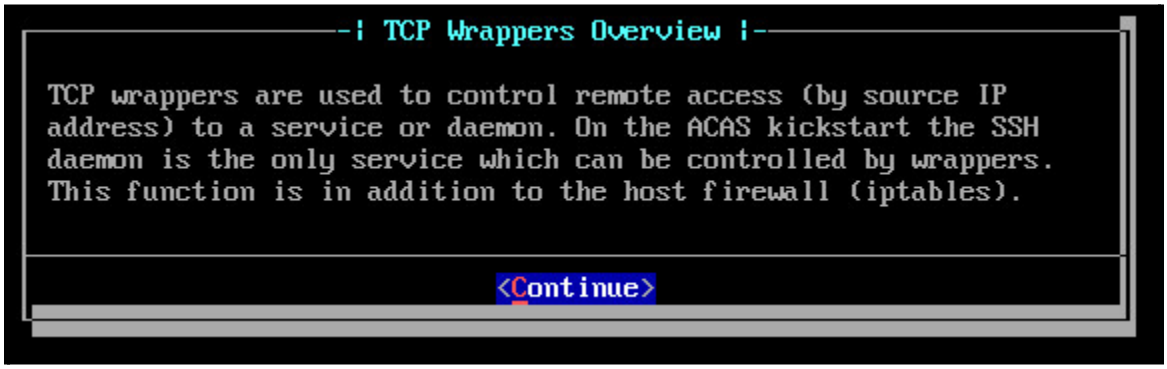
Step 30. Select “Yes” and press “Enter.”



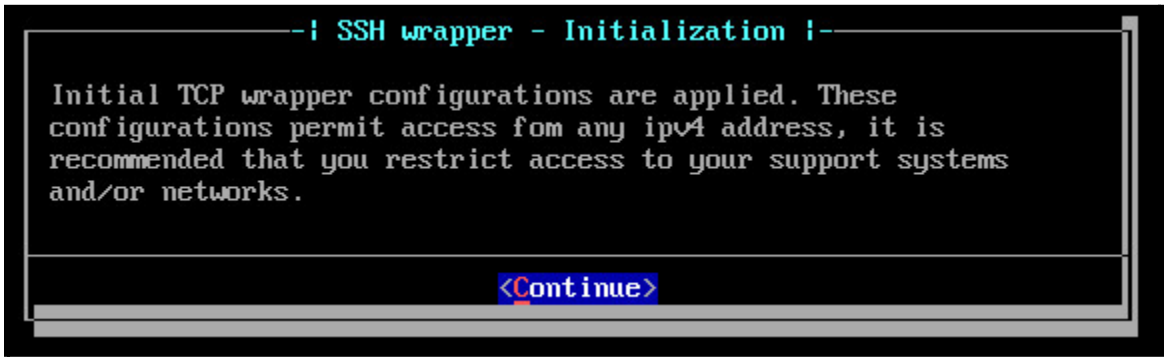
Step 31. Press “Enter.”



Step 32. Press “Enter.”

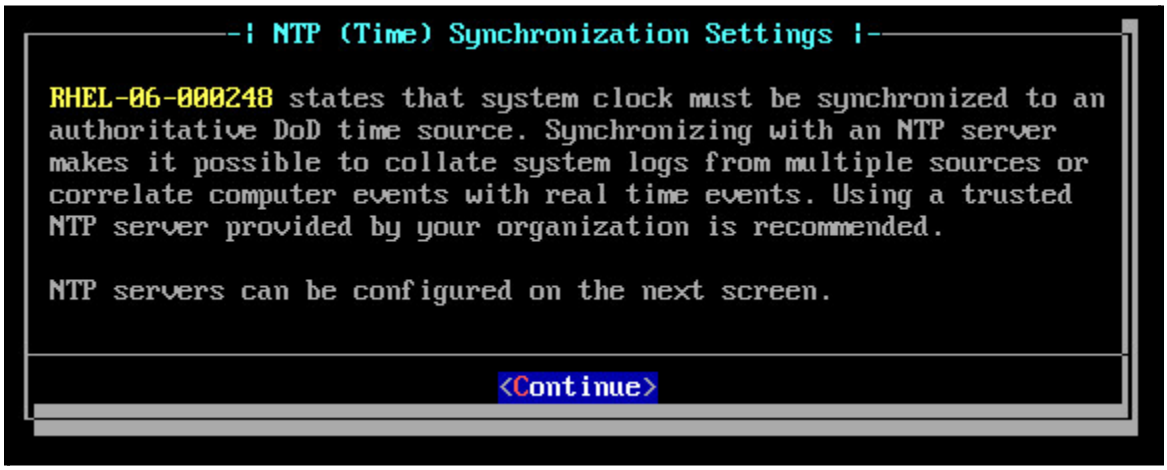


Step 33. Press “Enter.”

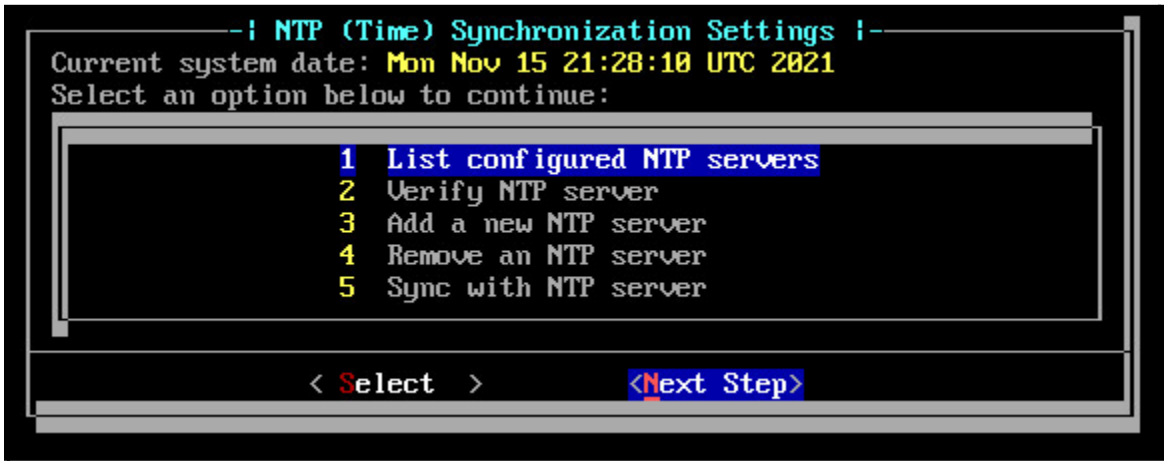


Step 34. Select “Next Step” and press “Enter.”

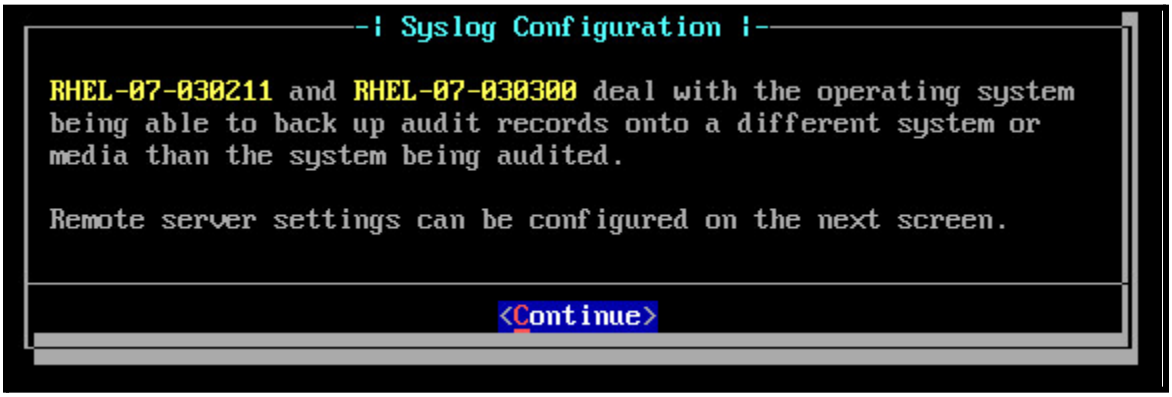
Step 35. Press “Enter.”



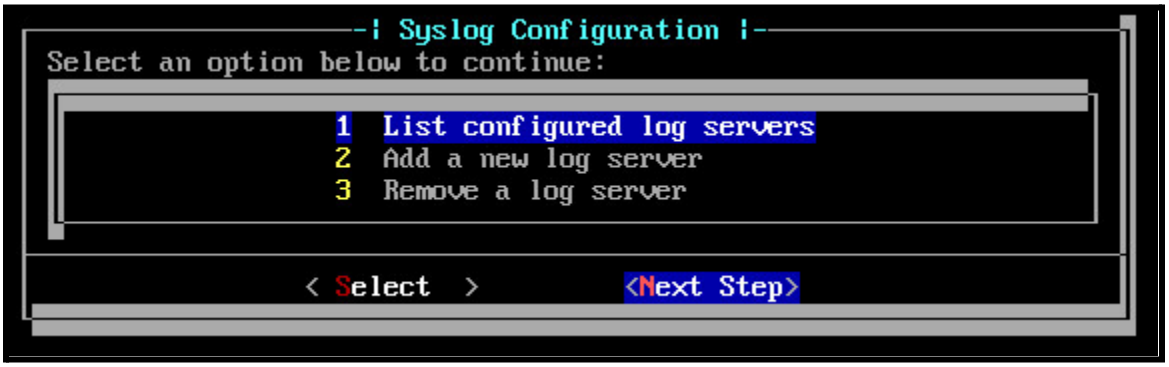
Step 36. Select “Next Step” and press “Enter.”



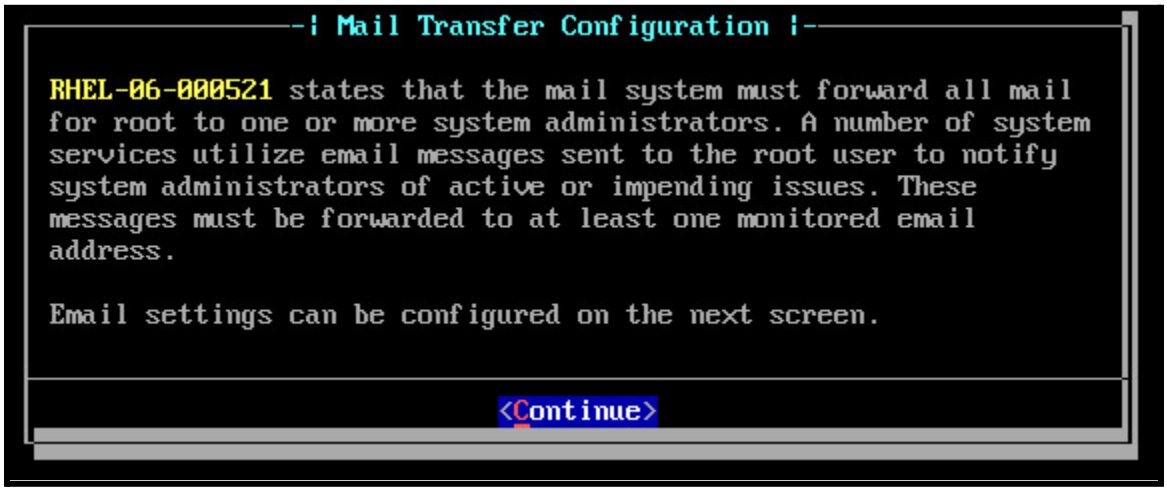
Step 37. Press “Enter.”



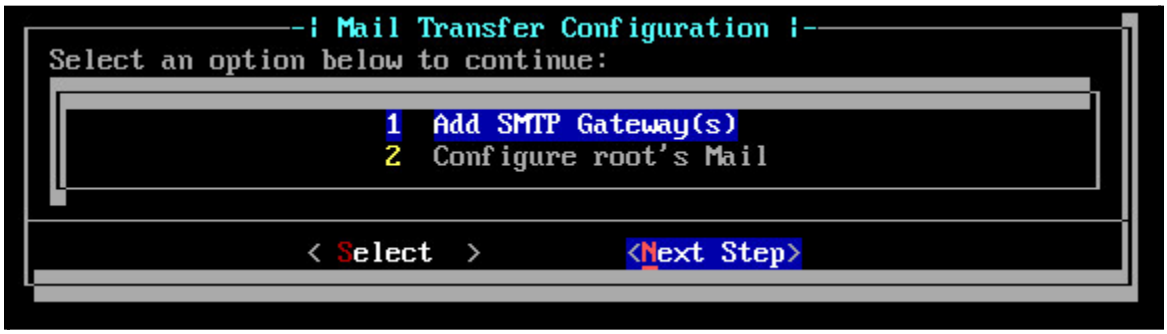
Step 38. Select “Next Step” and press “Enter.”



Step 39. Press “Enter.”

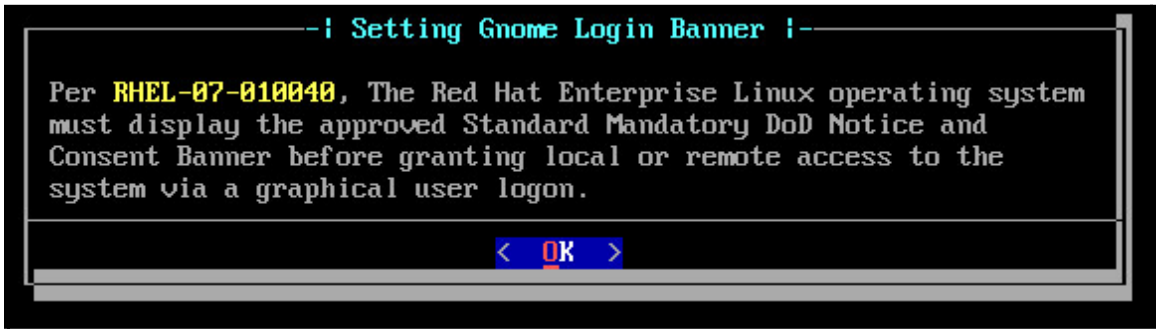


Step 40. Select “Next Step” and press “Enter.”

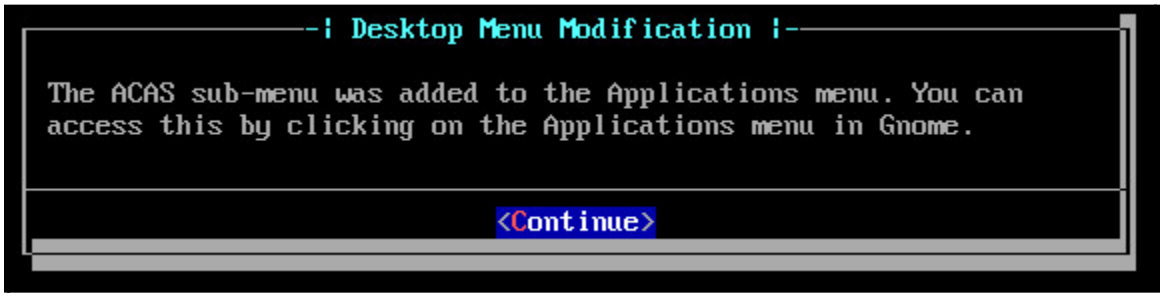


Step 41. Select the correct “Classification Banner” and press “Enter.”

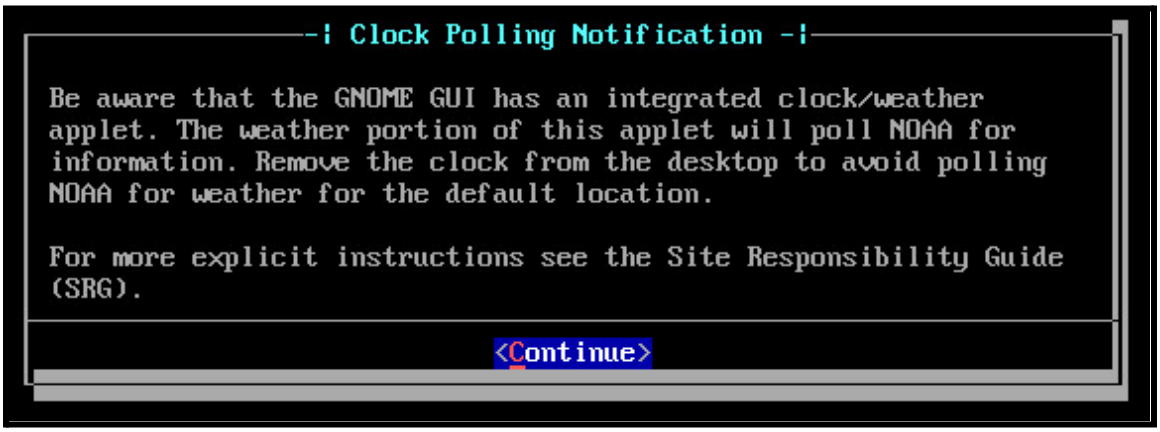
Step 42. Press “Enter.”



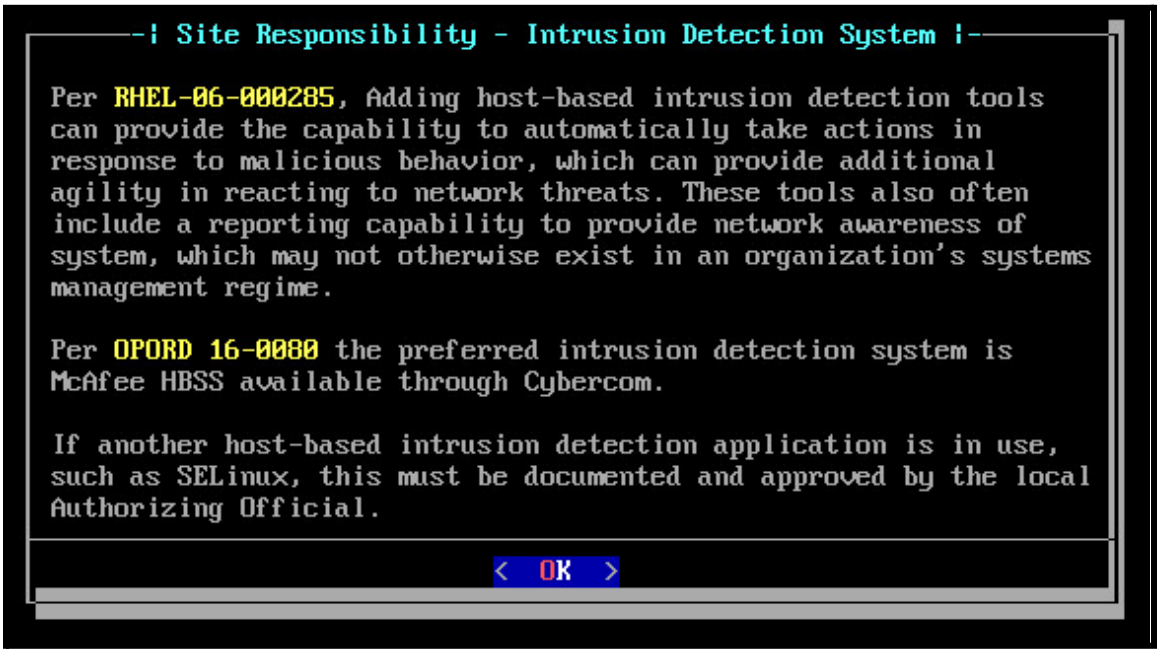
Step 43. Press “Enter.”



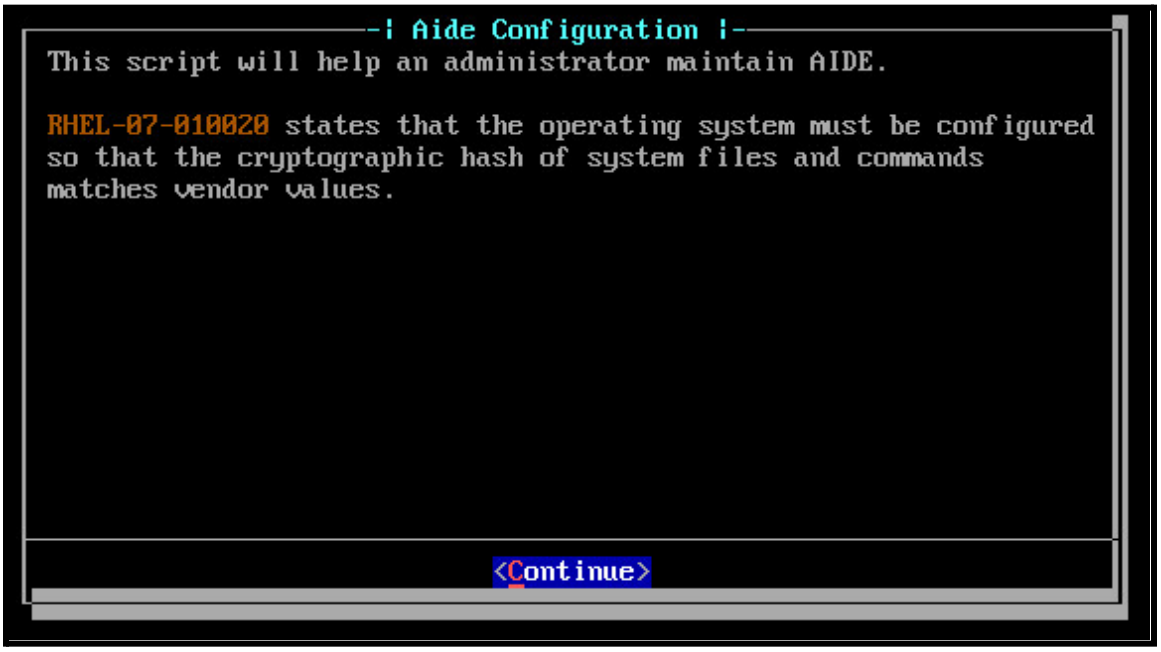
Step 44. Press “Enter.”



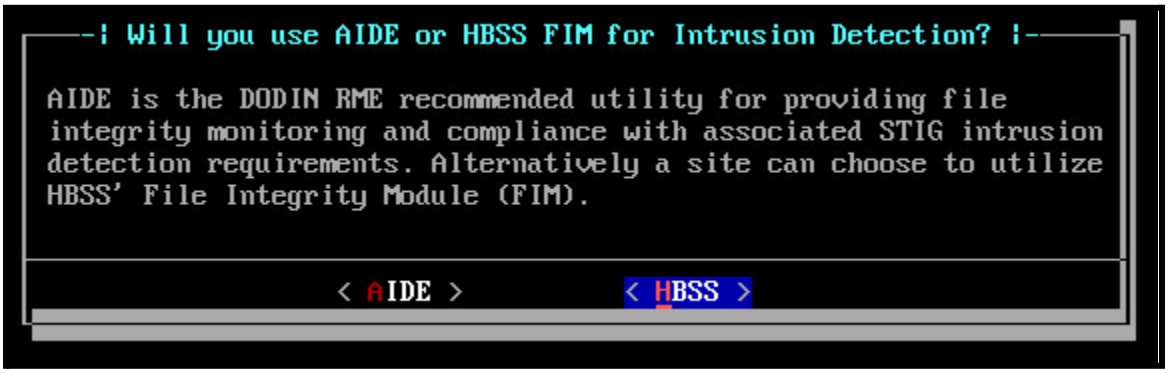
Step 45. Press “Enter.”



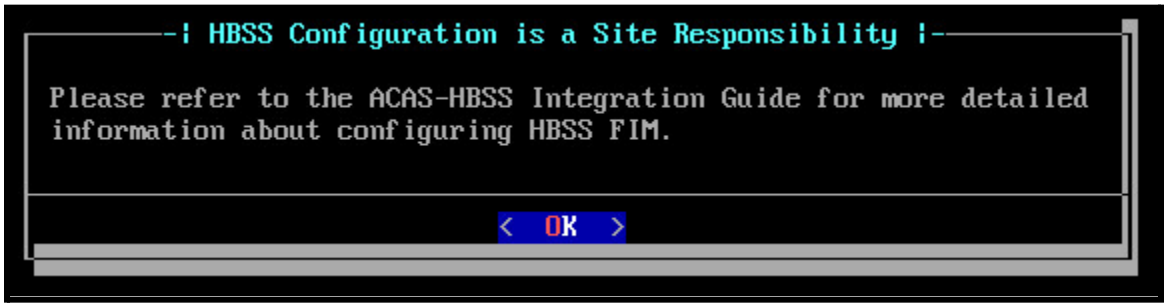
Step 46. Press “Enter.”



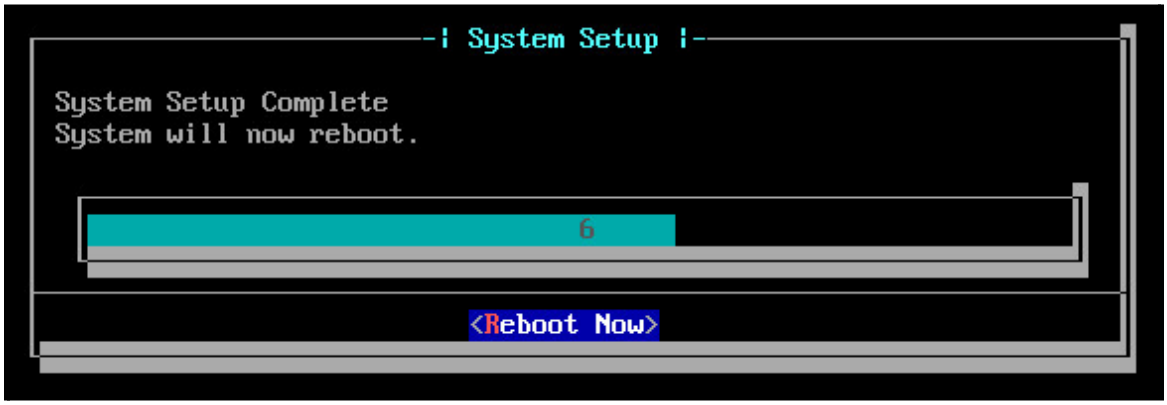
Step 47. Select “HBSS” and press “Enter.”



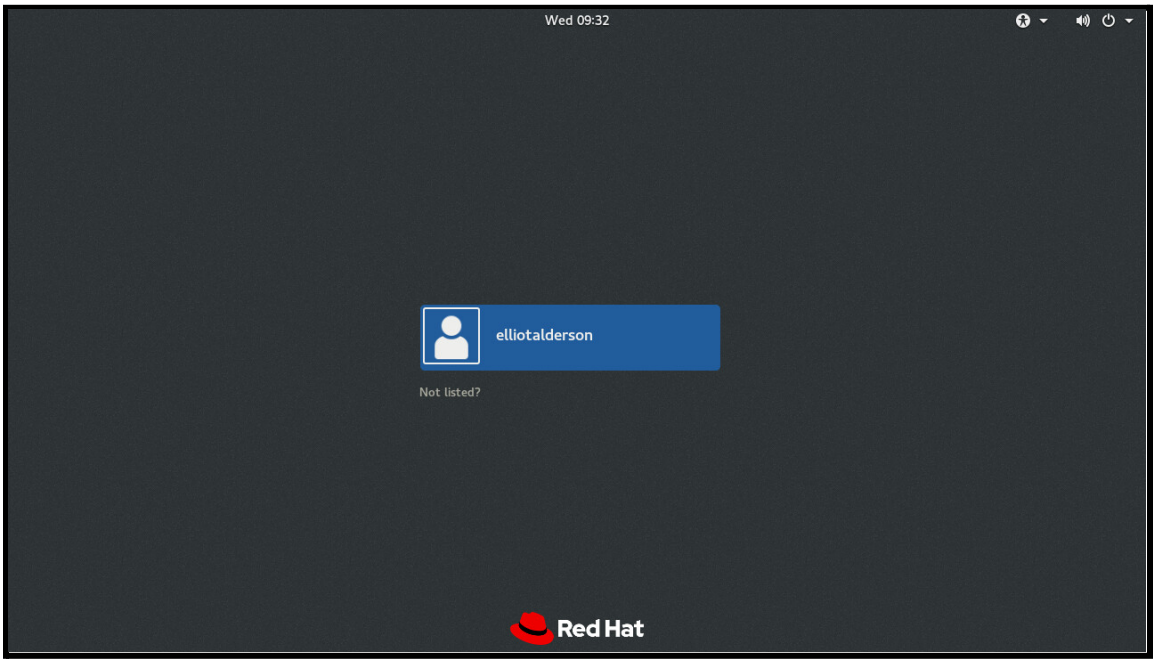
Step 48. Press “Enter.”



Step 49. Press “Enter” and wait for the computer to reboot.



Step 50. Once the computer reboots, your point of view should look like the screenshot below.



Helpful Links
Department of the Army Naming Conventions
https://army.deps.mil/netcom/sites/resourcecenter/pages/cinamingconventions.aspx

Defense Information Systems Agency (DISA) Assured Compliance Assessment Solution (ACAS) License Request Portal
https://disa.deps.mil/ext/cop/mae/netops/acas/Requests/index.aspx#/

Department of Defense Patch Repository
https://patches.csd.disa.mil/