

System Hardening Lab Form

Name: []

Date: []

1. What was the administrator's password originally set to on the HMI system? Why was this so password so easy to crack?
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2. Hydra can use brute force (try every combination of characters) to crack passwords. Given that a four-character password consisting of only lower-case alpha characters can have up to 4503599627370496 combinations which do you think is more secure, a shorter password made up of randomly selected characters or a long password which uses a word found in rockyou.txt dictionary? (HINT: If you would like to see the number of entries in the dictionary file type the command "wc -l rockyou.txt" at the terminal on the Kali system)
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3. Post the screen shot taken in the "Demonstrate the Importance of Software Patches" section of the lab here.
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4. Post the screen shot taken in the "Remove or Disable Unnecessary System Services" section of the lab here.
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5. Post the first screen shot taken in the "Enable a Host Firewall" section of the lab here.
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6. Post the second screen shot taken in the "Enable a Host Firewall" section of the lab here.
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