

- Router Management, Lab -

Router Management – Lab

Router Number (assigned by the Instructor): _____

1. What are configuration registers? What do they control on Cisco routers?

2. Check the current value of the configuration register on your router, and write it below.
What command did you use?

3. Will your current configuration-register allow you to upgrade the IOS on your router? Why or why not?

4. What *should* your configuration-register be set to, in order to upgrade the IOS? What command did you use?

5. Back up your current IOS to a tftp server. What command did you use?

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Router Management – Lab (continued)

6. When backing up your IOS, what additional information were you asked to specify?

7. Copy that same IOS image *back* to the router. What command did you use?

8. Set the appropriate config-register to have your router boot normally, but with flash locked as read-only. What command did you use? Did you need to restart your router?

9. Back up your startup configuration to the tftp server. What command did you use?

10. Verify that CDP is enabled on your router. What command did you use? How often does your router send CDP packets?

11. Check the status of your connected neighbors. What CDP command did you use?

12. Disable CDP. What command did you use?

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