

BPC170 Skills-Based Exam Review

Hands-On Final Exam Study Topics

This document is a simplified guide as to what you *might* have to complete successfully during your practical hands-on assessment for IT Essentials/BPC170. You will need to perform specific tasks and activities in order to successfully pass your hands-on test.

1. The first portion of this hands-on practical will include your taking apart your lab computer and then putting it back together. If you do not believe that you are prepared for this, you might figure out a way that you can practice disassembling and reassembling a computer system. You will also need to identify components on the motherboard. Give a good look to the system you have been working on so you can identify things like RAM slots, chipset, CMOS battery, PCI-e x1, PCI-e x16, PCI, CPU, etc. Good luck!!

2. Things you should know:

a. how to configure the boot sequence in BIOS and change settings that affect the hardware (port configuration and such)


b. how to configure the computer to get on the Internet using both static IP *and* DHCP

c. how to use the Device Manager to find a Device Description and Resources for a component

d. how to get to the command line interface and GUI in to view IP configurations and MAC addresses (physical addresses)

e. what the troubleshooting “ping” command is used for

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C:\Users\dave>
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g. how to open and use the Microsoft Management Console (right click on Computer and choose *Manage*)

h. how to use the Microsoft Management Console to change a device’s drive letter

i. how to access Event Viewer through the Microsoft Management Console to *show* events for applications, services, and security

j. how to create a user account several ways—Users Applet in the Control Panel as well as the Microsoft Management Console

k. how to enable the

l. how to create a folder and share it

m. how to use tools such as Check Now or Defrag

n. how to schedule a task

o. where to find system information and set a restore point

p. how to create a shortcut on the desktop or to *pin* something to the Taskbar

q. how to view other Workgroup computers as well as how to share files and folders

r. how to access msconfig (System Configuration)

s. how to use Windows Easy Transfer

t. how to use Remote Desktop to access another computer

u. know the six steps in the troubleshooting model

3. Disclaimer: All the other things you had to do in classroom labs may be found on the exam. So . . . review all your **LABS**.