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|  | 420-536 Windows Networking |  | Worth 3.5% |
| Winter 2017 |  |  |

Assignment #1c: Installing Windows Server

# Preamble

In this portion you will be researching some basic question about Server installation.

# Mindset

In many cases, organizations purchase servers without operating systems installed—sometimes called *bare metal servers*—either because they have an existing license agreement or because they intend to purchase the OS through another channel. In these cases, you perform what is known as a *clean operating system installation*, which is a procedure that creates a new server with its default operating system settings.

# Questions

**Question #1**: What should you do if the Windows installer doesn’t list any drives or partitions?

**Question #2**: What should you do during the Windows Server 2012r2 installation process if the drive on which you want to install already has a partition on it with an operating system and data you do not need?

**Question #3**: Windows Server can be installed using either a new install or upgrade install process. Under what conditions is the upgrade option not available?

**Question #4**: Instead of doing an upgrade install, you can use the Windows Server Migration Tool with a fresh install. How is this different from an upgrade install? What is WSMT doing?

# Deliverables:

1. A zip file (**no other formats!**) containing:
   1. An MS-Word or PDF document (**no other formats!**) with answers to the four research questions in the lab.
   2. A Powershell script that does the following:
      1. Create a local group called ***teachers***
      2. Create a user called ***Jim*** (note the exact case and spelling). Add the account to the ***teachers*** group and local administrators groups. Set the password to something secure – ***take note of it***.
      3. Create a local ***students*** group and create all the usernames found on the first page of this assignment. Set the passwords to “Password123” for now. Modify the minimum password age policy to allow users to change their password immediately

**NOTES**:

* Use a single for loop to create and configure the student accounts.
  1. A file called password.txt containing nothing but the password for the ***jim*** administrator account.

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| --- |
| User Names |
| Ahmed |
| Buchanan |
| ElHindawi |
| Grondin |
| Jasiukajc |
| Jette |
| Lazarek |
| McKenzie |
| Roy |
| Tardy |
| Bhardwaj |
| Brazeau |
| Cote |
| Findleton |
| Hakala |
| Landovskis |
| Lefebvre |
| Leveille |
| Mavrick |
| Mecksavanh |
| Merariu |
| Moscovitch |
| Nakhuda |
| Patel |
| Petion |
| Pinard |
| Rafters |
| Roux |
| Said |
| Shah |
| Therrien |
| Ve |
| Verma |

Once completed, submit the zip file to Lea. I will log into machines individually to check the ***jmatthews*** account, so please test that it works. If I can’t login, I cannot assess many assignments through the semester!

Late submissions will not be graded but subsequent assignments as well as the project will require a configured server.