

MIS 5122 Project



[Date]

student Name

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## Scenario

This is based on Project Part 1 from week 6.

Part 1 of your project, you will write a proposal for the purchase of three servers. The details are as follows

1. The company has 1000 users, the users are hosted on a active directory system.  All users files and data is stored on this server
2. The company has a database for over 300 external customers, the database is connected to a Web server which host all the contents of the website.  Customers normally login to the Web Site hosted on the Web Server and input information
3. All data and services must be secure from both external threats and internal threats.

## Hardware

Give a list of the hardware components of your server, again this is based of your proposal purchase for 3 servers in the Scenario. Only give the components for one server

## Operating System

What operating systems did you choose and why

## Installed Services

List the installed services and take screen shot to show it is installed. For example AD, IIS and MySQL workbench

## Applied Skills

### Active directory

1. What is the name of your AD domain for example class.com
2. What is the name of OUs, user and groups you created?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Domain | Class.com | | | |
|  |  | Groups | Users | User Logon Name |
| OU | Sales | NYSales | Tom Jones | TJones |
| Marketing | NYMarketing | Earl James | EJames |

### MySQL Workbench

1. Create a database
2. Create table in the database
3. Add at least 2 records in the tables
4. Issue a select statement to show the records in the database

## Command and Shell Prompt

1. List at least 4 commands from the Windows command prompt give a simple explanation
2. List at least 4 commands from the Linux Shell prompt and give a simple explanation

## Security

1. What security features would you suggest or employ in your AD environment. For example
   1. Password policy
   2. File and folder security
2. What security features would you suggest or employ in your database or web environment. For example
   1. Access to records
   2. Backup and restore database

## Auditing

1. What audit features would you suggest or employ for your
   1. Operating system
   2. Hardware resources
   3. AD(Active Directory)
   4. Database environment

## Conclusion

Challenges and benefits from this course.