SYST8111 – Server Virtualization

Assignment 3: Building our VM Solution

Overview

This is your third assignment for server virtualization. It is based on lab work committed so far; as such, Labs 1A, 1B, 2A, 2B, Lab 3 must be completed before committing to this effort. Here you will prepare a number datastores for use by the ESXi cluster and transfer an ISO image to the cluster for deployment of two web servers, and one database server. The second web server will be done at a latter date as part of another lab.

NOTE

* This is an individual assignment.
* It will be assessed against existing bodies of work.
* This assessment is out of 15 marks.

Task

In this assignment you must compile your answers in one DOCX, or PDF file. Make sure to number your answers by properly referring part numbers and sub question number.

Part A – Lab 4 – Datastores

1. Create two more LUNs provisioned for use by the ESXi cluster, and initialize them for use with VMFS.
2. Screen shot of the three datastores with the correct naming convention.

Part B – Lab 5 – VM creation

1. Create a folder to store ISO files in, and provide a screen shot of the uploaded CentOS image.
2. Build out the web server.
3. Build out the database server.

Rubric

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| **Section** | **Expectations** | **Marks** |
| **A** | * Document creation additional datastores | 6 |
| **B** | * Document upload of ISO image file. * Document creation of two new Linux servers. * Document DNS adds of two new servers in your DNS configuration. * Show that each server is on the production network and is reachable, by opening a CMD shell on your INFRA machine and ping each host by name, not IP address. | 9 |
| **Total** |  | 15 |