20412D Mock Practical
Notes: * is a number will be given by trainer during assessment.

Do not screenshot these preparation steps. And you should prepare these steps before you come for actual assessment.

On LON-DC1, install iSCSI Target. Create disk1 with 1GB in E drive as a new target1 pointing to 172.16.0.10. Then you will enable "Ethernet 2" network adapter.

On LON-SVR1, restart the virtual machine.

**Question 1**
Situation: On LON-SVR1, you are required to create a new iSCSI disk called HDD_XX of 3GB in E drive in target1.

Create screen shot on the screen showing the "confirm selections" before you click "create".

**Question 2**
Situation: You are required to connect both LON-SVR3 and LON-SVR4 to LON-SVR1 172.16.0.21 via iSCSI. On LON-SVR3, bring ALL Disks online, initialize and format disks as SIMPLE Volume, NTFS type. Your manager wants both LON-SVR3 and LON-SVR4 to be failover cluster. The cluster name is group_XX.adatum.com with IP 172.16.0.250. LON-SVR4 will host File Server Role with IP 172.16.0.200 and select cluster disk 1.

Create a screen shot showing the summary of creating “new simple volume wizard” for each disks.
Create a screen shot in LON-SVR4 showing that all disks are online.
Create a screen shot showing both LON-SVR3 and LON-SVR4 can open “failover cluster manager”.
Create screen shot on settings in “Summary” when creating failover clustering.
Create screen shot on the Summary screen when creating file server role.

**Question 3:**
Situation: Your Company has setup a new branch in Polytechnic and would like it to be link with the existing site (called “Default-First-Site-Name”) in ITE. The new names are POLY-SITE and ITE-SITE for Polytechnic and ITE respectively. Your network manager wants a new subnet 172.16.100.0/24 and 172.16.101.0/24 for ITE and Polytechnic respectively. The replication interval is every 6 hours with cost of 20 and replicate only during office hour 9am to 5pm weekdays.

Create screen shot on the main page of the tool (expand necessary item showing those requirements above in a single screen shot).
Create screen on the replication interval and the cost.
Create screen shot of summary page on the replication schedule.
Question 4
Revert LON-SVR3 & LON-SVR4; DO NOT START

Revert LON-SVR2, START, LOGON, REARM, RESTART and LOGON again

Situation: Your Company needs to setup web server with hostname web_xx.adatum.com and IP 172.16.0.200. Two web servers, LON-SVR1 and LON-SVR2 are used to perform network load balancing during heavy traffic.

*Note for mock and practical assessment: You should not forget to create A record (Web_xx & 172.16.0.200) in LON-DC1 DNS.

You need to create one web server certificate (refer to below for the required settings) from LON-SVR1 (from MMC Certificate local computer).

<table>
<thead>
<tr>
<th>Common name</th>
<th>Web_xx.adatum.com</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNS</td>
<td>LON-SVR1.adatum.com</td>
</tr>
<tr>
<td></td>
<td>LON-SVR2.adatum.com</td>
</tr>
<tr>
<td></td>
<td>Web_xx.adatum.com</td>
</tr>
</tbody>
</table>

Create screen shots that show all the steps configuring the "Subject tab" and "Private key tab"

Create screen shot showing on create the new record in LON-DC1

Export the certificate as Personal Information Exchange – PKCS #12 (.PFX) and save as C:\Webcert.pfx.

Create screen shot showing steps on exporting the certificate

In LON-SVR2, you need to import that certificate into the Personal Store. The key has to be exportable.

Create screen shots showing steps on importing the certificate

In LON-SVR1 & LON-SVR2, you need to bind the certificate to default web site

Create screen shot showing steps on binding certificate to both LON-SVR1 and LON-SVR2

Your manager wants to test from LON-DC1. He will open browser and access URL:

https://LON-SVR1.adatum.com
https://LON-SVR2.adatum.com

Create screen shots of both web pages
Question 5

Situation: As stated above, you need to provide network load balancing in LON-SVR1 and LON-SVR2. The new cluster is Webbalance_xx.adatum.com with IP 172.16.0.201. *Note: You should not forget to create the same A record in LON-DC1 DNS.

Create screen shot showing on configuring the new cluster
Create screen shot showing on create the new record in LON-DC1

In LON-SVR1, using notepad create a file name c:\inetpub\wwwroot\default.html

The content is as follow:

<html>
<body>
<p>LON-SVR1 - Confidential document.</p>
<p>You will pass the assessment if you know what to do</p>
<p>Else, the trainer will be very upset.</p>
</body>
</html>

In LON-SVR2, using notepad create a file name c:\inetpub\wwwroot\default.html

The content is as follow:

<html>
<body>
<p>LON-SVR2 - Confidential document.</p>
<p>Congratulation to you. You are on the way to complete MCSA3</p>
</body>
</html>

Your manager wants to test from LON-DC1 browser that he can access url https://webbalance_XX.adatum.com/default.html

Create screen shot on the website