MS-100

Planning the Transition to Microsoft 365

Paper-based Lab Exercise

Module 1 – Lesson 7

You have taken on the persona of Holly Spencer, the new Enterprise Administrator for Adatum Corporation. You have been tasked with moving Adatum to Microsoft 365 as its cloud solution. The CEO has requested that you create a transition timeline that includes suggestions on how the new infrastructure will be utilized.

Adatum is an enterprise level business with multiple satellite offices spread across the country. Its Sales team typically works remotely from home, and it has several warehouses from which it ships and receives material across the globe. The company assets are listed below.

|  |  |  |
| --- | --- | --- |
| **Number of Employees:** | 2500 |  |
| **Domains owned:** | adatum.com | contoso.com |
| **Types of devices:** | Company Android phones: 500 units | Windows 7, 8, 10 PC’s: 5000 units  Personal computers: unknown |
| **Number of Locations:** | 9 |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Locations:** | HQ1 | HQ2 | WH1 | WH2 | WH3 | Retail1 | Retail2 | Retail3 | Remote workers |

## **Headquarter 1 (HQ1)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** | **Additional domain** |
| 2 Domain Controllers  3 Exchange 2013 servers  Planned additions:   * Miscellaneous peripheral devices | 800 Windows 10 PC’s  150 Windows 7 PC’s  50 Window 8.1 PC’s | 2500 mailboxes, public folders, and mail enabled groups | adatum.com | contoso.com |

# **Headquarter 2 (HQ2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| 1 Domain Controller  1 Exchange 2010 server  Planned additions:   * Miscellaneous peripheral devices | 1000 Windows 7 PC’s | 500 mailboxes, and mail enabled groups | contoso.com |

# **Warehouse 1 (WH1)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ1 | 50 Window 10 PC’s | All mailboxes reside within HQ1 | adatum.com |

**Warehouse 2 (WH2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ2 | 25 Window 10 PC’s | All mailboxes reside within HQ2 | contoso.com |

**Warehouse 3 (WH3)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ2 | 25 Window 10 PC’s | All mailboxes reside within HQ2 | contoso.com |

**Retail1 (R1)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ2 | 25 Window 10 PC’s | All mailboxes reside within HQ2 | contoso.com |

**Retail 2 (R2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ2 | 25 Window 10 PC’s | All mailboxes reside within HQ2 | contoso.com |

**Retail 3 (R3)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ1 | 25 Window PC’s | All mailboxes reside within HQ1 | adatum.com |
|  |  |  |  |

**Remote workers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Number of Devices** | **Mailboxes** | **Primary domain** |
| Remote site VPN’d to HQ1 and HQ2 | 325 Window 10 PC’s | All mailboxes reside within HQ1/HQ2 | contoso.com/adatum.com |

Even though Adatum is moving to a Microsoft 365 cloud solution, its CEO is concerned about maintaining control of the company’s environment; therefore, he has requested that confidential and proprietary company assets be maintained internally. He wants the cloud solution to be implemented within the next four months, and he wants it field tested in a pilot project before being implemented company wide.

**Step 1.** Each student should review the company asset information and answer the following questions in the space provided below:

* Identify any common issues that may arise along with any critical events that could delay the deadline.
* After reviewing the information provided above, what other type of information could help determine the progression of the project?

* Which administrators will play a key role in determining the assessment timeline?
* What location(s) would be the best test subjects in the pilot project, and why?

**Step 2.** After completing the assessment, exchange your solution with another student and review each other’s assessment. Use the following space to identify the key differences between your two proposals.

**Step 3.** Once you are finished collaborating with your fellow student, discuss the assessment as a class and come to a final solution for Adatum.