MS-203

Planning a Mail Migration to Microsoft 365

Paper-based Lab Exercise

Learning Path 7

May 2023

You have been hired as the Messaging Administrator for Fabrikam, Inc. Fabrikam is an enterprise-level business that has several employees who work from home. The company specializes in fabricating new products commissioned by other companies for the purpose of integrating into their existing product lines.

Fabrikam is in the process of planning its transition to Microsoft 365. Farikam's Enterprise Administrator has requested that you review the company’s footprint and then develop a plan for migrating a group of on-premises mailboxes to Microsoft 365 as part of its mail migration pilot project. As part of that analysis, he has asked that you address some specific issues that concern him.

The following information is the blueprint for Fabrikam’s migration. Review this information and then answer the questions at the end of the document to make your assessment.

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| --- | --- |
| **Number of Employees** | 50,000 |
| **Domains owned** | 1 (Fabrikam.com) |
| **Total Number of Exchange Servers** | 7 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Exchange Server names** | EX1 | EX2 | EX3 | EX4 | EX5 | EX6 | EX7 |

|  |  |  |
| --- | --- | --- |
| **Exchange Server versions** | Exchange 2010 SP3  14.3.313.2 | Exchange 2016 CU16  15.1.1979.3 |
| **Number of servers per version** | 3 | 4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Exchange Server name** | **Server build version** | **Number of Mailboxes** | **Types of Mailboxes** | **Domain** |
| EX1 | SP3  14.3.313.2 | 500 | User mailbox, public folders, group mailboxes | Fabrikam.com |
| EX2 | SP3  14.3.313.2 | 500 | User mailboxes, group mailboxes, resource mailboxes | Fabrikam.com |
| EX3 | SP3  14.3.313.2 | 500 | User mailboxes, group mailboxes, resource mailboxes | Fabrikam.com |
| EX4 | CU16  15.1.1979.3 | 200 | User mailboxes, group mailboxes, resource mailboxes | Fabrikam.com |
| EX5 | CU16  15.1.1979.3 | 1000 | User mailboxes, group mailboxes, resource mailboxes | Fabrikam.com |
| EX6 | CU16  15.1.1979.3 | 1000 | User mailboxes, group mailboxes, resource mailboxes | Fabrikam.com |
| EX7 | CU16  15.1.1979.3 | 1000 | User mailboxes, group mailboxes, resource mailboxes | Fabrikam.com |

Even though Fabrikam is moving to a Microsoft 365 cloud solution, its Enterprise Administrator 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 would like the mail migration portion of the project implemented in the next two months. He wants each aspect of the implementation, including the mail migration, to be 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 affect the progression of the project?

* What administrators would play a key role in determining the assessment timeline?
* What types of users and groups would you recommend for test subjects during Fabrikam’s mail migration pilot project?
* How can you secure Fabrikam’s messaging and segregate emails so that possible conflicts do not arise due to improper routing?

**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 assessment for Fabrikam’s mail migration plan.