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**Designing and Deploying a BlackBerry Solution in A
Microsoft Exchange Environment**

Version 3.1

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Topic 1, Nextair Corporation Scenario

Nextair Corporation

Company profile

You are a system administrator and you have been hired by Nextair Corporation. The company is looking at implementing the BlackBerry solution into their International offices. The company has a total of 1,500 potential BlackBerry device users spread out among various locations.

The Head Office in New York: 800

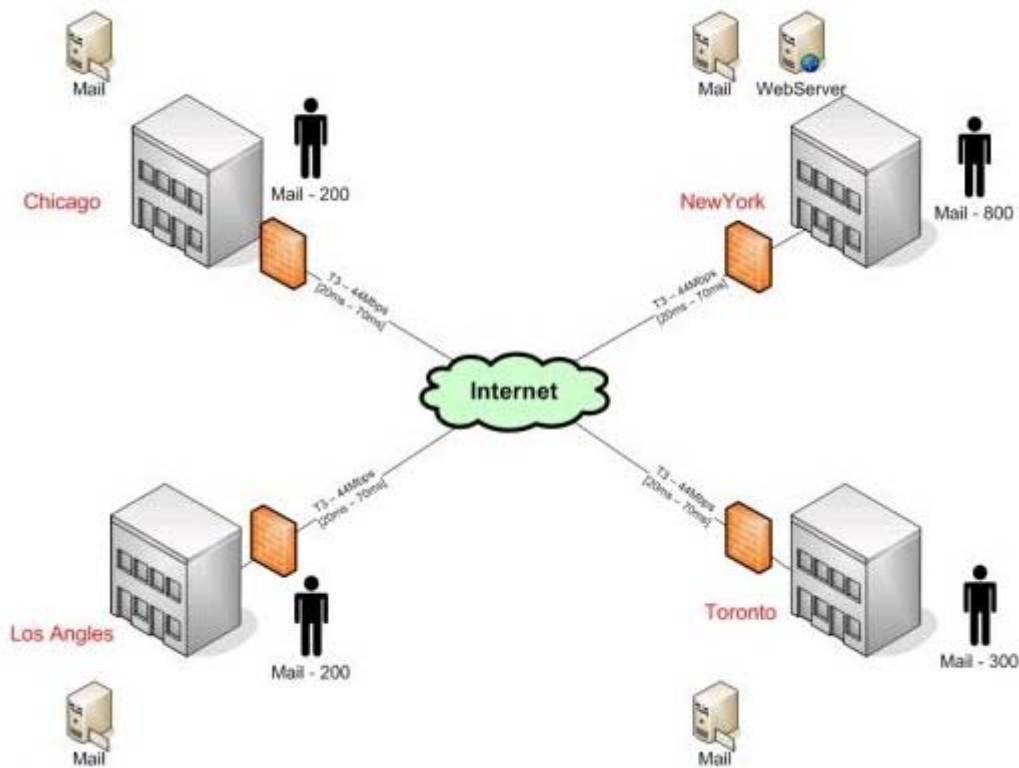
Other Offices include:

Toronto: 300 Chicago:200 Los Angeles:200

Requirements and considerations:

- The company has an internal intranet website based out of New York which contains sales information and a sales application. This sales application must be available to all sales employees on the BlackBerry.
- The three other offices have a WAN network connection to the New York office with a ping response time of 20 ms to 70 ms.
- Each location has its own Microsoft Exchange Server and Microsoft SQL server.
- All potential BlackBerry device users require the use of the following features:
- Instant Messaging
- BlackBerry MDS browsing (Internal/External)
- Email messaging
- Custom applications (The sales application contained on the application server in New York)
- Over the next three years, the company plans to expand its BlackBerry device users by 20%.
- All BlackBerry Enterprise Server administration will be done in one central location (New York). In addition, each remote location will have an administrator that reports to the New York office.
- Due to budget constraints, BlackBerry Enterprise Servers can only be installed in two locations at this time.
- For security purposes, all BlackBerry Routers must be located in the DMZ.

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**QUESTION NO: 1**

Nextair Corporation plans to keep running BlackBerry Enterprise Server software version 4.1.6 in Chicago and install version 5.0 in Los Angeles. They plan on performing a phased migration between the two sites. Both BlackBerry Enterprise Server instances will share an SQL database. What must be considered for this upgrade? (Choose one)

- A. It requires an additional SRP
- B. All users on BlackBerry Enterprise Server software version 4.1.6 are disabled until migrated
- C. Each BlackBerry Enterprise Server instance will have its own BlackBerry Domain
- D. All BlackBerry device users are migrated at the same time

Answer: A

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QUESTION NO: 2

Given the scenario, what is the proper role to assign the head administrator in the New York office?
(Choose one)

- A. Enterprise Administrator
- B. Security Administrator
- C. Monitoring System Administrator
- D. Senior Helpdesk Administrator

Answer: B

QUESTION NO: 3

Given the scenario, which BlackBerry Enterprise Server component should be installed in New York to allow for management of the BlackBerry solution? (Choose one)

- A. BlackBerry Monitoring Service
- B. BlackBerry Alert Service
- C. BlackBerry Administration Service
- D. BlackBerry Policy Service
- E. BlackBerry Manager

Answer: C

QUESTION NO: 4

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Since the sales application is mission-critical, what can be done to ensure its content is always delivered to the BlackBerry device users? (Choose one)

- A. Configure a secondary pool of BlackBerry MDS Connection Services
- B. Configure one primary pool of BlackBerry MDS Connection Services
- C. Put the MDS Integration Service Database in a separate server
- D. Create a pool of BlackBerry MDS Integration Services

Answer: B

QUESTION NO: 5

Nextair Corporation has configured push application access to be above the failover threshold but below the promotion threshold. Which situation will cause a failover? (Choose one)

- A. BlackBerry MDS Connection Service is healthy on the secondary BlackBerry Enterprise Server instance
- B. BlackBerry MDS Connection Service is healthy on the primary BlackBerry Enterprise Server instance
- C. BlackBerry MDS Connection Service fails on the secondary BlackBerry Enterprise Server instance
- D. BlackBerry MDS Connection Service fails on the primary BlackBerry Enterprise Server instance

Answer: D

QUESTION NO: 6

Management has requested that the ability to activate BlackBerry devices on the BlackBerry Enterprise Server be restricted to approved BlackBerry device models only. What can be used to accommodate this request? (Choose one)

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- A. IT Policy
- B. PIN to Model Mapping
- C. Enterprise Service Policy
- D. Application Control Policy
- E. Group Filter

Answer: C

QUESTION NO: 7

Nextair Corporation. has limited hardware resources available and is planning to perform an in-place upgrade of BlackBerry Enterprise Server software version 4.1.6 to version 5.0. What are two disadvantages of this approach? (Choose two)

- A. All other locations with 4.1.6 BlackBerry Enterprise Servers must be upgraded immediately
- B. It will be more difficult to rollback
- C. There is additional cost of another SRP
- D. The SQL database must be hosted on two separate BlackBerry Enterprise Servers
- E. They will experience more downtime

Answer: B,E

QUESTION NO: 8

Nextair Corporation plans to keep running BlackBerry Enterprise Server software version 4.1.6 in New York and install version 5.0 in Toronto. They plan on performing a phased migration between the two

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sites. Both BlackBerry Enterprise Server instances will use their own Microsoft SQL Server hosted in their respective location. What is an advantage of this upgrade? (Choose one)

- A. Both BlackBerry Enterprise Server instances can be managed in the same BlackBerry Domain
- B. It allows time for testing before migrating all BlackBerry device users
- C. BlackBerry devices will not require new service books
- D. The cost of an additional SRP Identifier is saved

Answer: B

QUESTION NO: 9

Given the scenario that VIP users require access to internal applications daily, you have decided to configure the BlackBerry MDS Connection Service for high availability. What is the minimum number of BlackBerry MDS Connection Service instances you need to install? (Choose one.)

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: B

QUESTION NO: 10

Nextair Corporation wants to be able to efficiently manage the BlackBerry solution at all times. How can this be accomplished if a BlackBerry Enterprise Server is installed in two different cities? (Choose one)

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- A. Set up one of the BlackBerry Enterprise Server instances as a standby instance
- B. Create a pool of BlackBerry Administration Service instances
- C. Enable automatic connections failover
- D. Setup BlackBerry MDS Integration Service in a round robin configuration

Answer: B

QUESTION NO: 11

Given the scenario, any new applications developed for the sales application will need to be published again. Which service should be installed in New York to allow for timely uploads and publishing? (Choose one)

- A. BlackBerry MDS Connection Service
- B. BlackBerry MDS Integration Service
- C. BlackBerry Collaboration Service
- D. BlackBerry Synchronization Service

Answer: B

QUESTION NO: 12

Nextair Corporation has determined the hardware running BlackBerry Enterprise Server software version 4.1.6 will be insufficient to handle version 5.0. They plan to perform a cutover upgrade using the existing SQL database. What is an advantage of implementing this strategy? (Choose one)

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- A. There is no downtime for other BlackBerry Enterprise Server software version 4.1.6 instances sharing the same SQL database
- B. They will save the cost of an additional SRP Identifier
- C. There is no need to back up the database prior to upgrade
- D. The SQL database must be hosted locally to the BlackBerry Enterprise Server

Answer: B

QUESTION NO: 13

Nextair Corporation has determined that the hardware running BlackBerry Enterprise Server software version 4.1.6 will be insufficient to handle version 5.0. They plan to perform a cutover upgrade using a new SQL database. What is the primary advantage of implementing this strategy? (Choose one)

- A. The SQL database can be hosted locally to the BlackBerry Enterprise Server
- B. The SQL database can be hosted on two separate Microsoft SQL Servers
- C. BlackBerry device users are automatically migrated to BlackBerry Enterprise Server software version 5.0 during the installation
- D. In an emergency, it is easier to roll back to the previous version

Answer: D

QUESTION NO: 5

One thousand BlackBerry 8830 devices have been sent to the employees in the regional offices and the BlackBerry device users will be issued enterprise activation passwords next week. Management would like to prevent unneeded wireless data charges. What can be done to ensure this mass enterprise activation process uses as little wireless data as possible? (Choose one)

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- A. Set the 'Disable Wireless Activations' IT policy to 'True'
- B. Set the 'Disable Wireless Bulk Loads' IT policy to 'True'
- C. Set the 'Disable Enterprise Activation Progress' IT policy to 'True'
- D. Set the isable Wireline Activations' IT policySet the ?isable Wireline Activations' IT policy to 'True'

Answer: B

QUESTION NO: 6

What can be deployed to reduce the financial cost of the BlackBerry solution in each office location when the BlackBerry device users are traveling around the campus? (Choose one)

- A. BlackBerry Web Desktop Manager
- B. A WLAN configuration set
- C. BlackBerry Desktop Manager
- D. A remote BlackBerry Router

Answer: B

QUESTION NO: 7

Given the scenario, what is the proper role to assign the head administrator in the New York office? (Choose one)

- A. Enterprise Administrator
- B. Security Administrator