

## Exercise 1 – Configuring Send Connectors

### Objective:

- Configure **send connectors**

### Tasks:

#### 1. Using the Exchange Admin Center

a) Create a new **send connector** with the following settings:

- Name: **ITMT Consultation**
- Type: **Partner**
- Network Parameter: **MX Registration**
- Address Space
  - ✓ Add a new **SMTP** domain
  - ✓ FQDN Name: **itmt.ca**
  - ✓ Cost: **10**
- Server Source: Select your **Exchange server**.
- Save the new send connector.

#### 2. Using the PowerShell Exchange Management Shell (EMS)

- List the existing **send connectors** in your Exchange organization.
- Create a new **Internet** Send Connector for all **Address Spaces \***.
- List the send connectors to verify that the **Internet** send connector has been created.
- Disable the **ITMT Consultation send connector**.
- Check that the **ITMT Consultation send** connector has been disabled.
- Delete the **ITMT Consultation send connector**.
- Verify that the ITMT Consultation send connector has been removed.

## Exercise 2 – Configuring Receive Connectors

### Objective:

- Configure the **receive connectors**.

### Tasks:

#### 1. Using the Exchange Admin Center

- a) Check the existing **receive connectors**.
- b) Create a new **receive connector** with the following settings:
  - Name: **SharePoint**
  - Role: **Hub Transport**
  - Type: **Custom**.
  - **Network Adaptor Binding:**
    - ✓ Remove: **All IP Addresses**
    - ✓ Add: The IP address of your server's NIC: **192.168.X.1** port **2525**
  - **Remote network Settings**
    - ✓ All IP Addresses
- c) Save the new receive connector.
- d) Open the new **SharePoint** receive connector and select:
  - **Basic authentication**.
  - Permission Groups: **Exchange users**.

#### 2. Using the PowerShell Exchange Management Shell (EMS)

- a) List the existing **receiving connectors** in your Exchange organization.
- b) Create a new **receive connector** with the following settings:
  - Name: **Internet**
  - Usage: **Internet**
  - Binding: **192.168.X.0** port **2525**
  - Remote network settings: **0.0.0.0-255.255.255.255**
- c) Change the setting of the new **Internet** connector to allow use of the connector by **anonymous users**.
- d) Verify that the new setting has been changed.
- e) Delete the **SharePoint** receive connector.
- f) Verify that the **SharePoint** receive connector has been successfully deleted.

## Exercise 3 – Configuring Transport rules

### Objective:

- Configure **Transport rules**.

### Tasks:

#### 1. Using the Exchange Admin Center

- a) Create a new **rule** → **Filter messages by size**.
- b) Use the following settings:
  - Name: **Block Large Messgaes**
  - Apply this rule if → The message size is greater than or equal **20000 KB**
  - → Block messages → Reject messages and include an explanation → specifies rejection reason: **Size greater than 20MB**
  - Save.

#### 2. Using the PowerShell Exchange Management Shell (EMS)

- a) List the existing **Transport rules** for your Exchange organization.
- b) Create a transport rule for the deployment of a **Disclaimer** like the one created in the presentation.
- c) List **transport rules** to verify that the **Disclaimer** transport rule has been created.
- d) Remove the **Block Large Messages** rule.
- e) List the transport rules to verify that the **Block Large Messages** rule has been removed.

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### **Lab Deliverables**

You should submit a **lab report** including the **screenshots** of the **GUI configuration**, **PowerShell commands** used and its **results**.