**Part 1: Locate the FTP Account Credentials for Mary’s Laptop**

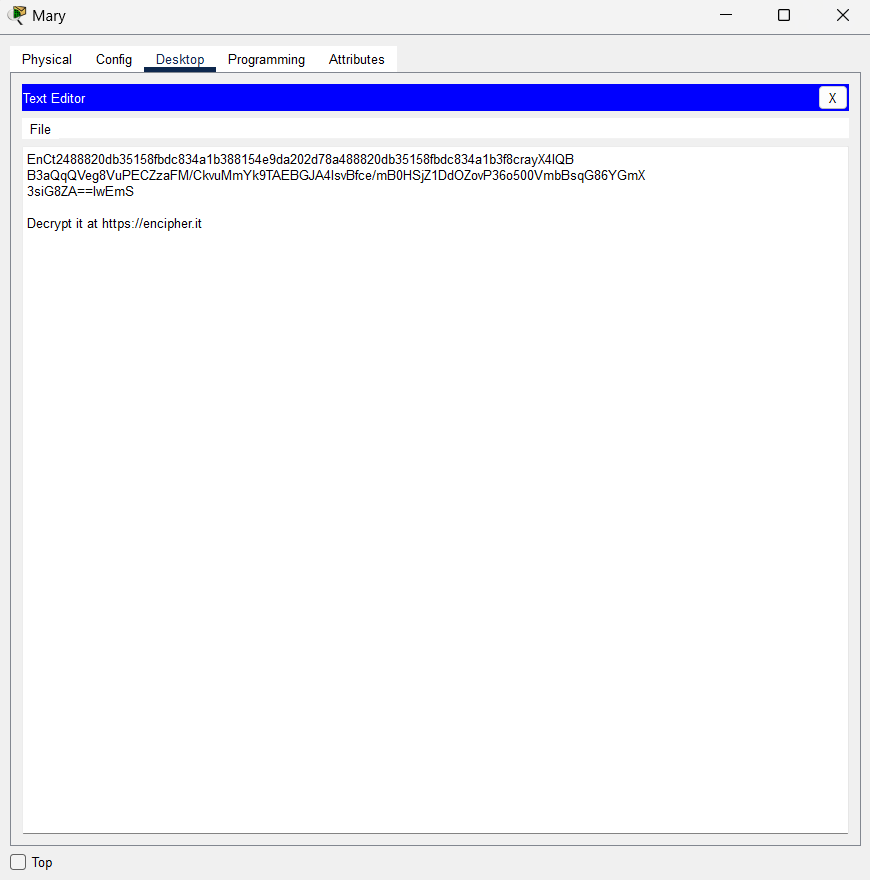
**Step 1: Access the text document on Mary’s laptop.**

a.     Click the **Healthcare at Home**site and then click the laptop **Mary**.

b.    Click the **Desktop** tab and then click **Text Editor**.

c.     In the Text Editor window, click **File** > **Open**.

d.    Click the document **ftplogin.txt** and click **OK**.



**Step 2: Decrypt Mary’s FTP account information.**

a.     Highlight all the text from the **ftplogin.txt** file and copy it.

b.    Open a web browser on your personal computer and browse to the website [https://encipher.it](https://encipher.it/)

c.     Click the **whitespace on the right of the website and paste in the encrypted text**.

Click the **Decipher It** button and use the decryption password **maryftp123** to decrypt the encrypted text. Click **Decrypt**.

What is the username and password for Mary’s FTP account?

Username= mary

Password= cisco321

**Part 2: Upload Confidential Data using FTP**

**Step 1: View the confidential document on Mary’s Laptop.**

a.     Click the **Healthcare at Home**site and then click the Laptop **Mary**.

b.    Click the **Desktop** tab and then click **Text Editor**.

c.     In the Text Editor window, click **File** > **Open**.

d.    Click on the document **clientinfo**.txt and click **OK**.

What form is the data in?

Encrypted form

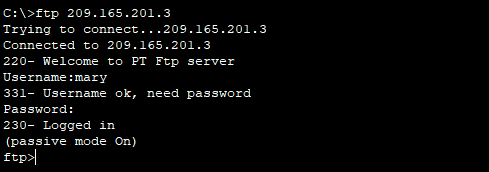
**Step 2: Remotely connect to the FTP server.**

a.     Within the **Healthcare at Home**site, click the Laptop **Mary**.

b.    Click the **Desktop** tab and then click **Command Prompt**.

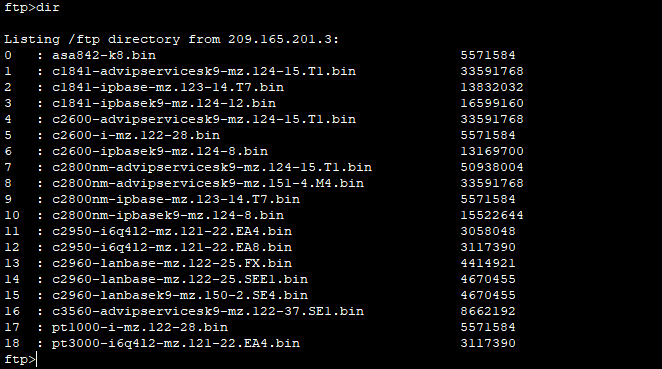
c.     Connect to the **FTP/Web** server at **Metropolis Bank HQ**by entering **ftp 209.165.201.3**in the command prompt.

d.    Enter the username/password credentials located in Part 1 Step 2

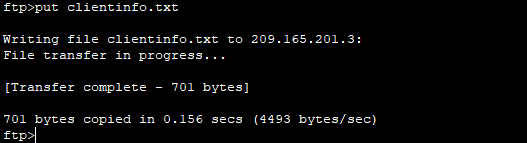


**Step 3: Upload a file to the FTP server.**

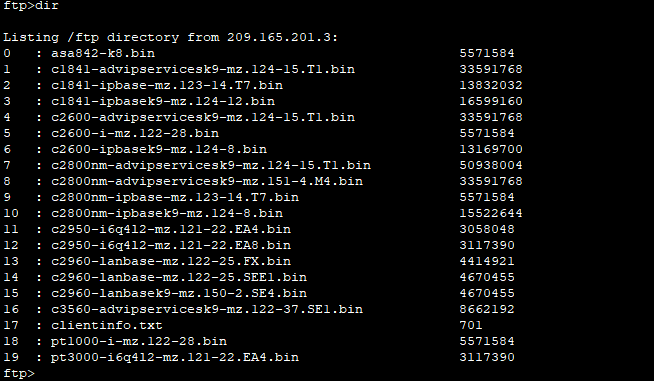
a.     At the **ftp>** prompt, enter the command **dir** to view the current files stored on the remote FTP server.



b.    Mary has a file containing encrypted healthcare client information. Upload the **clientinfo.txt** file to the FTP server by entering the command **put clientinfo.txt**.



c.     At the **ftp>** prompt, enter the command **dir** and verify the **clientinfo.txt** file is now on the FTP server.



If cyber criminals were to capture the file transfer crossing the Internet, what would be in clear text?

The username: mary, password: cisco321 for the FTP connection are in clear text but the contents of the document are encrypted.

**Part 3: Locate the FTP Account Credentials for Bob’s PC**

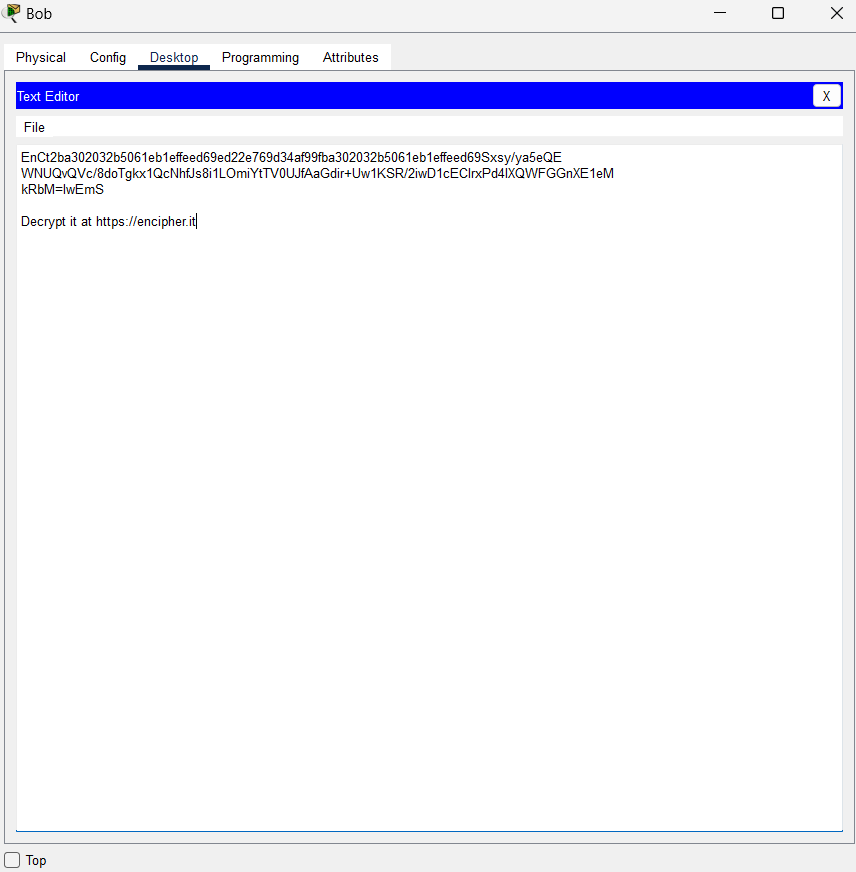
**Step 1: Access the text document on Bob’s PC.**

a.     Click the **Metropolis Bank HQ**site and then click the PC **Bob**.

b.    Click the **Desktop** tab and then click **Text Editor**.

c.     In the Text Editor window, click **File** > **Open**.

d.    Click the document **ftplogin.txt** and click **OK**.



**Step 2: Decrypt Bob’s FTP account information.**

a.     Highlight all the text from **ftplogin.txt** file and copy it.

b.    Open a web browser on your personal computer and browse to the website [https://encipher.it](https://encipher.it/)

c.     Click the **whitespace on the right of the website and paste in the encrypted text.**

d.    Click **Decipher It** button and use the decryption password **bobftp123** to decrypt the encrypted text. Click **Decrypt**.

What is the username and password for Bob’s FTP account?

Username= bob

Password= ninja123

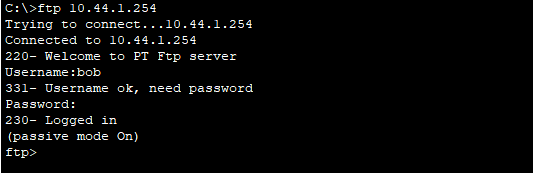
**Part 4: Download Confidential Data using FTP**

**Step 1: Remotely connect to the FTP server.**

a.     Within the **Metropolis Bank HQ**site, click the PC **Bob**.

b.    Click the **Desktop** tab and then click **Command Prompt**.

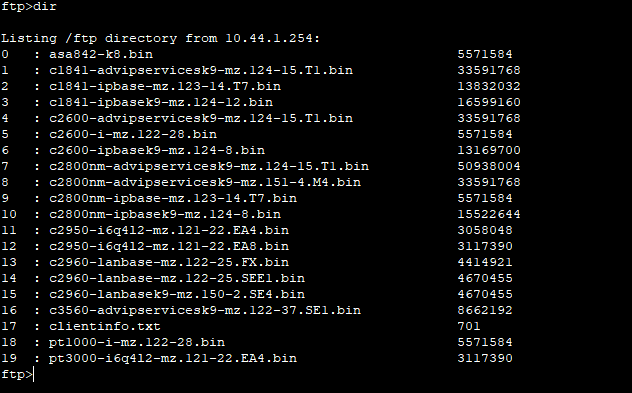
c.     Connect to the **FTP/Web** server within the **Metropolis Bank HQ**by entering **ftp 10.44.1.254**in the command prompt.



d.    Enter the username/password credentials located in Part 3 Step 2

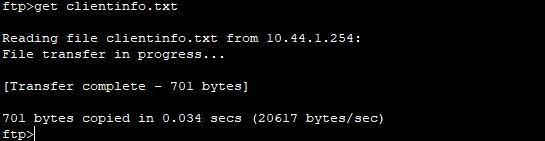
**Step 2: Download the file to Bob’s PC.**

a.     At the **ftp>** prompt, enter the command **dir** to view the current files stored on the remote FTP server.



b.    Mary had uploaded the clientinfo.txt file containing encrypted healthcare client information.

Download the **clientinfo.txt** file to Bob’s PC by entering the command **get clientinfo.txt**.



c.     At the **ftp>** prompt, enter the command **quit**.

d.    At the **PC>** prompt, enter the command **dir** and verify the **clientinfo.txt** file is now Bob’s PC.



If cyber criminals were to capture the file transfer crossing the Internet, what would be in clear text?

The username: bob, password: ninja123 for the FTP connection are in clear text but the contents of the document are encrypted

**Part 5: Decrypt the Contents of the clientinfo.txt File**

**Step 1: Receive the decryption key from Mary.**

a.     Within the **Metropolis Bank HQ**site, click the PC **Bob**.

b.    Click the **Desktop** tab and then click **Email**.

c.     In the Email window, click **Receive**.

d.    Click on the Email with the subject “Decryption Key” and record the decryption key below.

What is the decryption key to access the confidential information in the clientinfo.txt file?

cisco123

**Step 2: Decrypt the contents of the clientinfo.txt file.**

a.     Within the **Metropolis Bank HQ**site, click the PC **Bob**.

b.    Click the **Desktop** tab and then click **Text Editor**.

c.     In the Text Editor window, click **File** > **Open**.

d.    Click the document **clientinfo.txt** and click **OK**.

e.     Highlight all the text from the **clientinfo.txt** file and copy it.

f.     Open a web browser on your personal computer and browse to the website [https://encipher.it](https://encipher.it/)

g.    Click the **whitespace on the right of the website and paste in the encrypted text**.

Click **Decipher It** button and use the decryption password from Mary’s email to decrypt the encrypted text. Click **Decrypt**.

What is the first account name in the clientinfo.txt file?

Plato X. Riggs

