



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Experiment Name: DNS Server Configuration

Experiment No: 8

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1 Objective

The objective of the lab is create a DNS server. For this We will create two dns server and two web server. Then we will try to connect to this webserver using the pc available to us.

2 Network Diagram

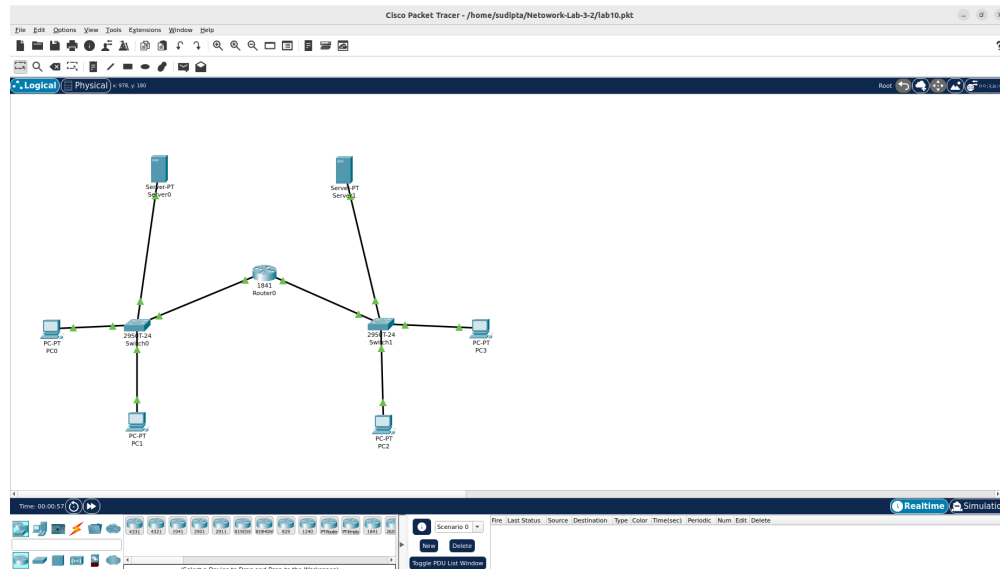


Figure 1: The Network Diagram

3 Procedure

We will create two dns server and two website here. We will manually select the dns server address to each individual pc. The HTML code for both the website is written below.

3.1 www.du.edu

```
<html>
<head>
  <title>University of Dhaka</title>
</head>
<body>
  <header>
    <h1>Welcome to University of Dhaka</h1>
  </header>
  <nav>
    <ul>
      <li>About</li>
      <li>Academics</li>
      <li>Admissions</li>
      <li>Contact</li>
    </ul>
  </nav>
  <main>
```

```

    <h2>About Us</h2>
    <p>Welcome to University of Dhaka. Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
    <h2>Academics</h2>
    <p>Our university offers a wide range of academic programs in various fields of study.</p>
    <h2>Admissions</h2>
    <p>Interested in joining University of Dhaka? Learn more about our admissions process.</p>
    <h2>Contact Us</h2>
    <p>For any inquiries or assistance, please feel free to contact us.</p>
    <address>
        University of Dhaka<br>
        Dhaka, Bangladesh<br>
        Phone: +880-2-55165359<br>
        Email: info@du.ac.bd
    </address>
</main>
<footer>
    <p>© 2024 University of Dhaka. All rights reserved.</p>
</footer>
</body>
</html>

```

3.2 www.ju.edu

```

<html>
<head>
    <title>Jahangirnagar University</title>
</head>
<body>
    <header>
        <h1>Welcome to Jahangirnagar University</h1>
    </header>
    <nav>
        <ul>
            <li>About</li>
            <li>Academics</li>
            <li>Admissions</li>
            <li>Contact</li>
        </ul>
    </nav>
    <main>
        <h2>About Us</h2>
        <p>Welcome to Jahangirnagar University. Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
        <h2>Academics</h2>
        <p>Our university offers a wide range of academic programs in various fields of study.</p>
        <h2>Admissions</h2>
        <p>Interested in joining Jahangirnagar University? Learn more about our admissions process.</p>
        <h2>Contact Us</h2>
        <p>For any inquiries or assistance, please feel free to contact us.</p>
        <address>
            Jahangirnagar University<br>
            Savar, Dhaka 1342<br>
            Bangladesh<br>
            Phone: +880-2-7791045<br>

```

```

        Email: info@juniv.edu
    </address>
</main>
<footer>
    <p>&copy; 2024 Jahangirnagar University. All rights reserved.</p>
</footer>
</body>
</html>

```

4 Result

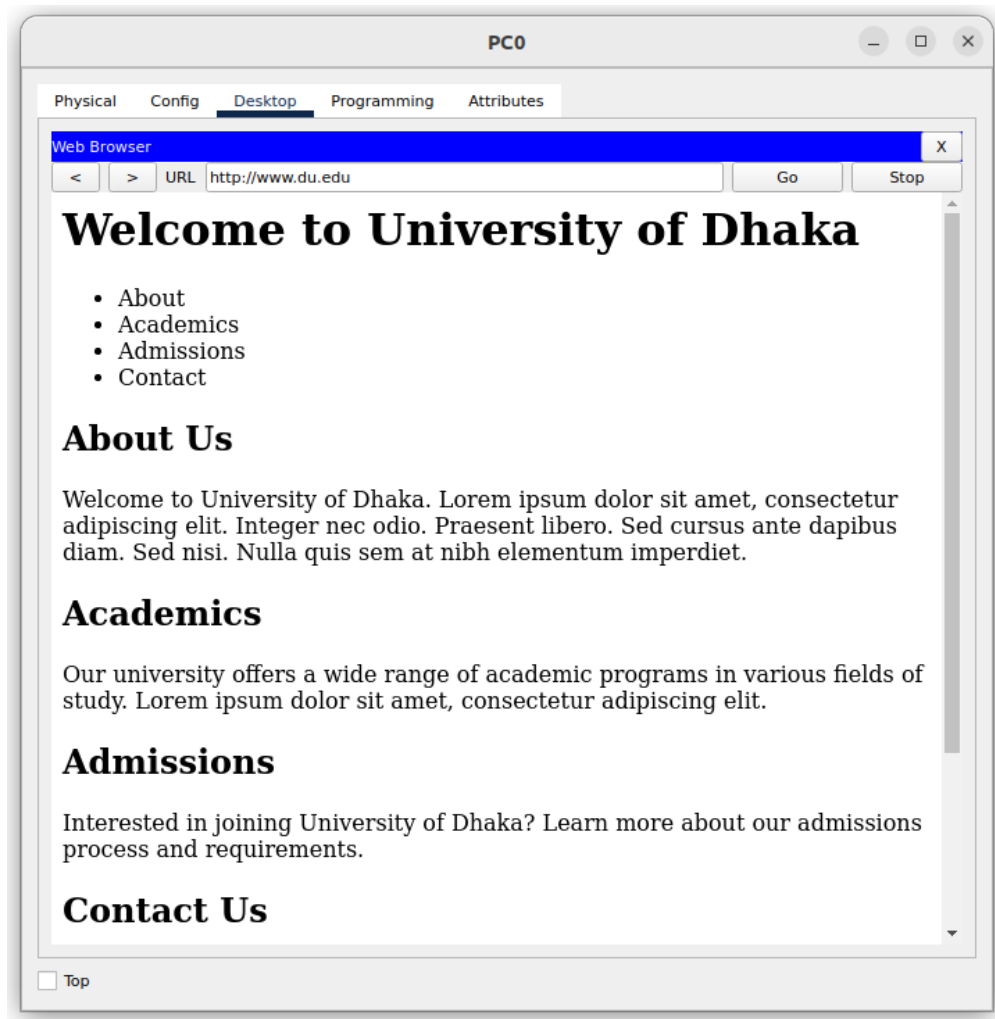


Figure 2: www.du.edu is accessible from any pc



Figure 3: www.ju.edu is accessible from any pc