



Assignment2: Cloud computing Virtualization

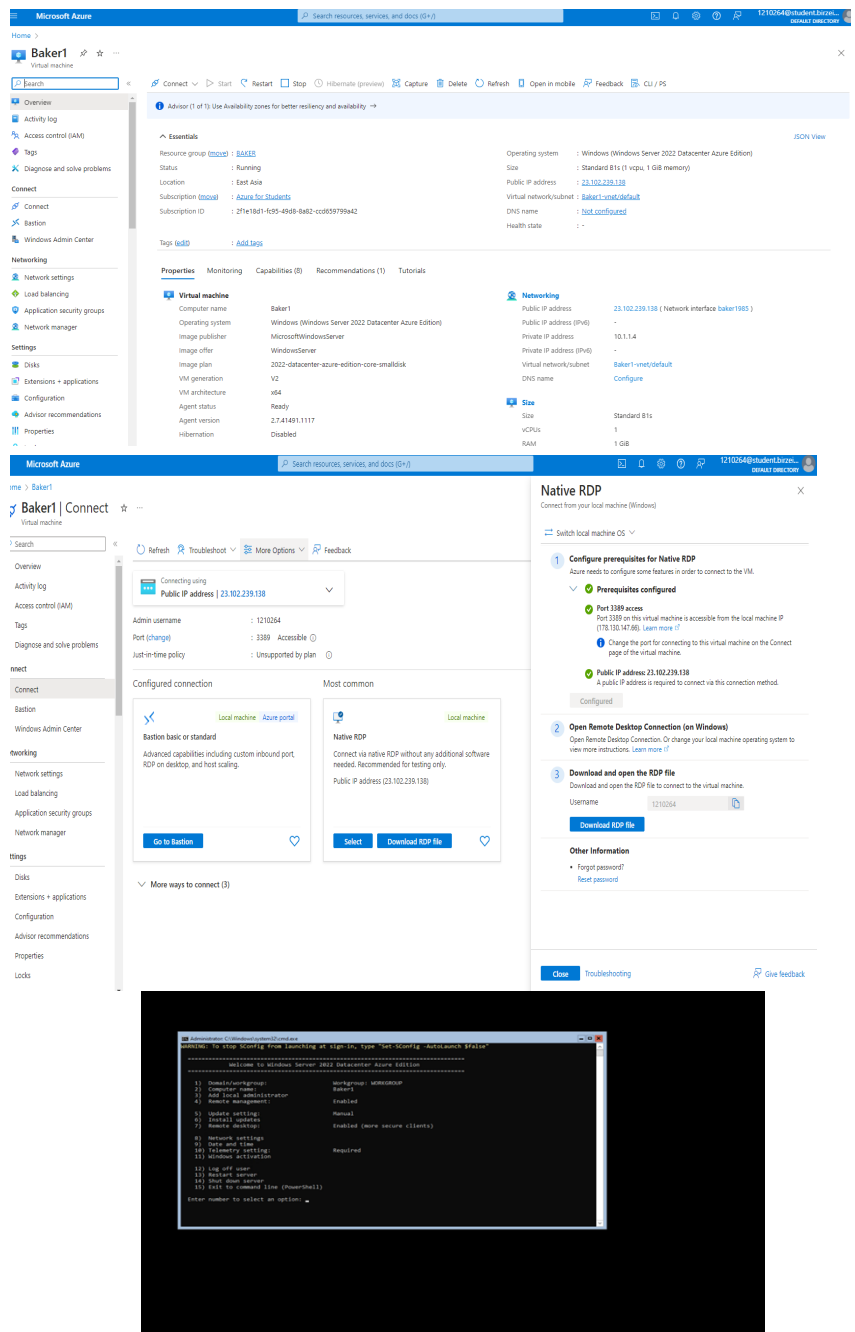
SCREENSHOT FOR EACH STEP.
“PUBLIC IP: 20.248.125.138”.

1. **Create a Virtual Machine (VM):**
 - Log in to the Azure portal.
 - Navigate to the Virtual Machines section.
 - Fill in the required information.
2. **Connect to your VM:**
 - Once the VM is created, locate it in the Azure portal.
 - Click on the “Connect” button and choose RDP.
 - Download the RDP file and open it to connect to my VM using Remote Desktop Connection.

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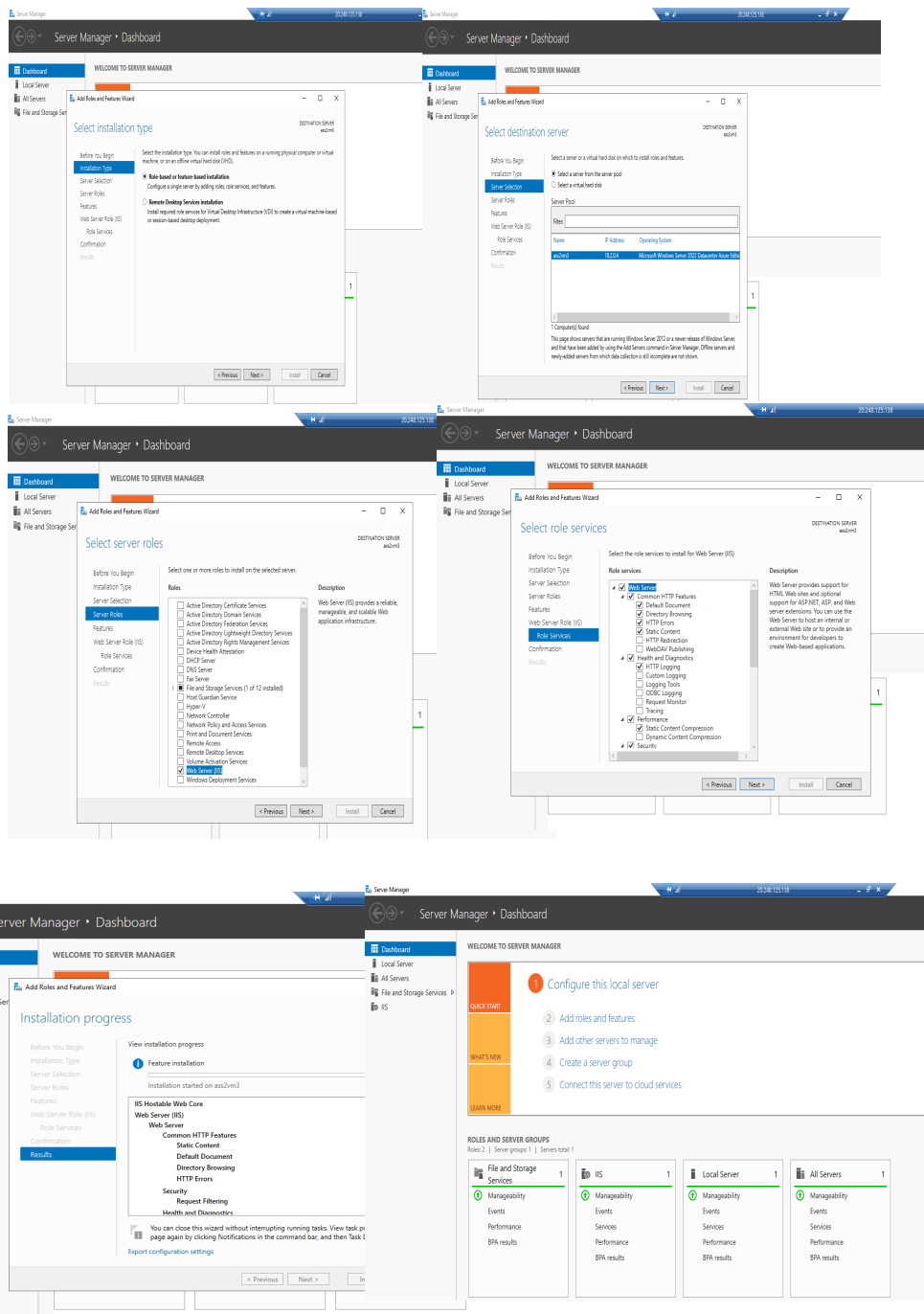


BRIEF EXPLANATION FOR EACH STEP

3. Install a Web Server (IIS):

- After connecting to my VM via RDP, open Server Manager.
- Click on “Manage” > “Add Roles and Features”.
- Select “Role-based or feature-based installation”.
- Choose my server from the server pool.
- Select “Web Server (IIS)”, Once installed, close Server Manager.

SCREENSHOT FOR EACH STEP. “PUBLIC IP: 20.248.125.138”.



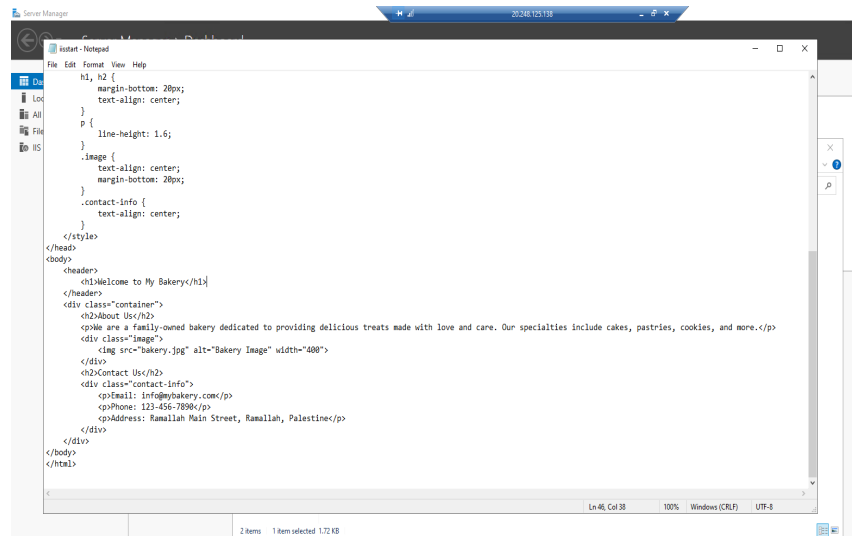
BRIEF EXPLANATION FOR EACH STEP

4. Create a Simple Webpage:

- Use a text editor Notepad on my VM.
- Create an HTML file with my bakery information.
- Save the file in the appropriate directory with a .html

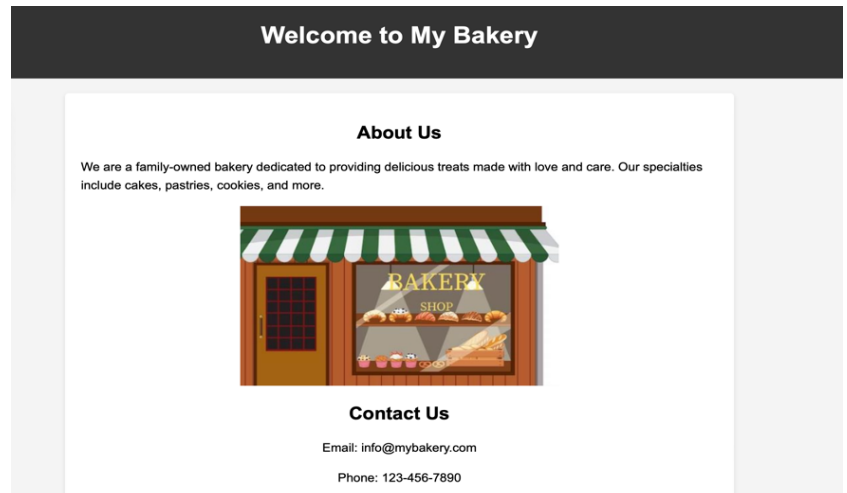
SCREENSHOT FOR EACH STEP.

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```
File Edit Format View Help
h1, h2 {
  margin-bottom: 20px;
  text-align: center;
}
p {
  line-height: 1.6;
}
.image {
  text-align: center;
  margin-bottom: 20px;
}
.contact-info {
  text-align: center;
}
</style>
</head>
<body>
<header>
<h1>Welcome to My Bakery</h1>
</header>
<div class="container">
<h2>About Us</h2>
<p>We are a family-owned bakery dedicated to providing delicious treats made with love and care. Our specialties include cakes, pastries, cookies, and more.</p>
<div class="image">

</div>
<h2>Contact Us</h2>
<div class="contact-info">
<p>Email: info@mybakery.com</p>
<p>Phone: 123-456-7890</p>
<p>Address: Ramallah Main Street, Ramallah, Palestine</p>
</div>
</div>
</body>
</html>
```



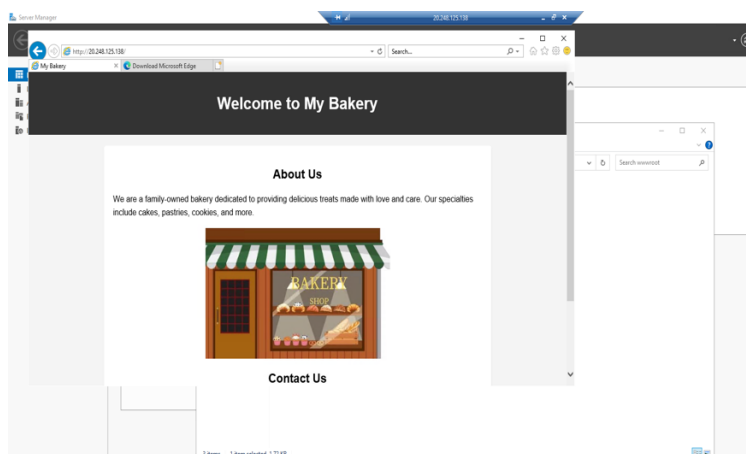
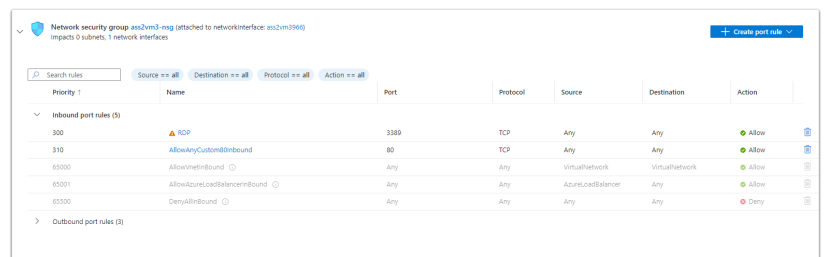
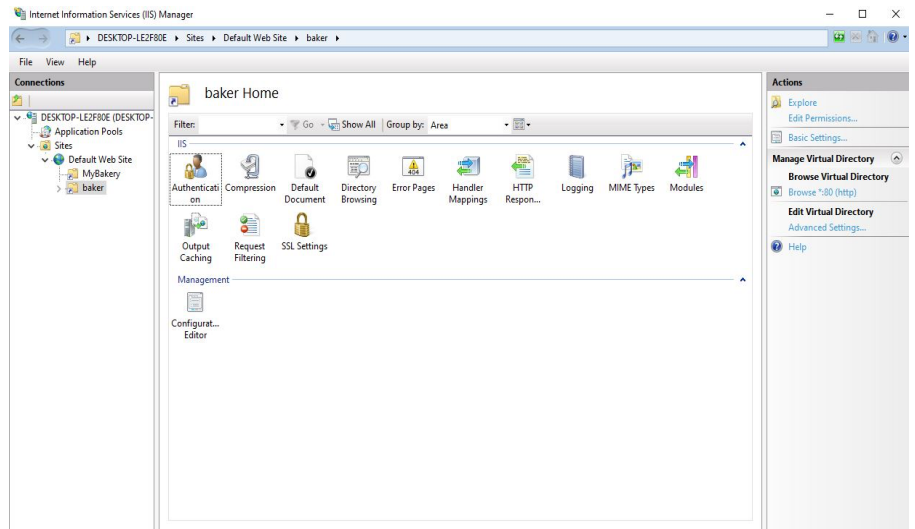
BRIEF EXPLANATION FOR EACH STEP

5. Configure the Web Server:

- Open Internet Information Services (IIS) Manager.
- Expand your server node and navigate to "Sites".
- Right-click on "Default Web Site" and choose "Add Virtual Directory".
- Specify a name for the virtual directory and the physical path to my HTML file.
- CLOSE IIS MANAGER.

SCREENSHOT FOR EACH STEP.

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BRIEF EXPLANATION FOR EACH STEP

6. Test my website:

- Open a web browser on my VM and enter "localhost" to see if the website loads.
- To test from another device, open a web browser and enter the public IP address of my VM. I see my bakery website.

NOTE: I change the password to {NourZayed1234}

SCREENSHOT FOR EACH STEP.

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