



UNIVERSIDAD DE DAGUPAN
SCHOOL OF INFORMATION TECHNOLOGY EDUCATION
Systems Administration and Maintenance



Important Reminders

- Each group must assign a **unique RDSEVER1** name
 - Duplicate naming will result in **zero points** for the activity.
- Each group must assign a **unique ClientComputer** VM name
 - Duplicate naming will result in **zero points** for the activity.
- **Maximum of 5 members per group**
- For every additional member beyond 5:
 - **-5 points** per extra member
 - Example:
 - 6 members → **-5 points**
 - 7 members → **-10 points**

Scenario

You are the system administrator of a fictional organization. Your task is to deploy and configure Remote Desktop Services (RDS) on a Windows Server 2022 environment using a **Session-Based Desktop Deployment**. You will configure RDS using a **Quick Start** deployment, install **Remote Desktop Licensing** on your uniquely named **RDSEVER1**, and test Remote Desktop access using a **non-domain joined** workstation on your uniquely named **ClientComputer**.

Pre-requisites

1. **Domain Controller Server Virtual Machine (VM)**
 - Active Directory Domain Services installed
 - At least one domain user created
(Refer to Lab Activity 2)
2. **RDSEVER1 Virtual Machine (VM)**
 - Joined to the Active Directory Domain
 - Static IP configuration recommended
 - Must be uniquely named per group
3. **ClientComputer Virtual Machine (VM)**
 - Joined to the Active Directory Domain
 - Static IP configuration recommended
 - Must be uniquely named per group

Step 1 - Install Remote Desktop Services (Quick Start Deployment)

1. On **RDSEVER1**, open **Server Manager**.
2. On **Server Manager** → **Add Roles and Features**.
3. On **Installation Type**, select:
 - **Remote Desktop Services installation**
4. On **Deployment Type**, choose:
 - **Quick Start**
5. On **Deployment Scenario**, select:
 - **Session-based desktop deployment**



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6. Confirm that **Connection Broker**, **RD Web Access**, and **RD Session Host** roles will be installed on RD SERVER1.
7. Check **Restart the destination server automatically if required**.
8. Click **Deploy** and wait for installation and configuration to finish.

After deployment, a **Quick Session Collection** should be automatically created.

Step 2 - Install and Configure Remote Desktop Licensing

1. On **RD SERVER1**, ensure Server Manager is open to **Remote Desktop Services**.
2. Click the **green + sign** beside **RD Licensing**.
3. Select **RD SERVER1** as the licensing server → Click the **arrow button** to add.
4. After installation completes:
 - o Go to **Tasks** → **Edit Deployment Properties**.
 - o Select the **RD Licensing** tab.
 - o Ensure **RD SERVER1** appears in the server list.
 - o Select **Per User** as Licensing Mode.
5. Click **Apply** → **OK**.

Step 3 - Test Remote Desktop Session

On **ClientComputer (VM)**:

1. Search **Remote Desktop Connection** on the start menu → select it.
2. In **Remote Desktop Connection**, enter:
 - o **RD SERVER1 hostname or IP address**
3. Click **More choices** → **Use a different account**
4. Enter the domain user credentials created in Active Directory:
 - o Format: **username@domain** (example: jflores@corp.local)
5. Click **OK** and wait for the secure connection to establish.

Once connected, verify:

- Session opens properly on the RD SERVER1
- RemoteApps (Calculator, Paint, WordPad) are present



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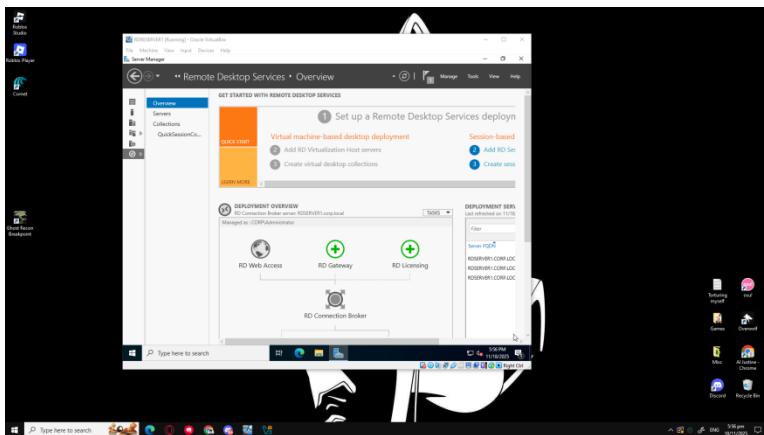
Date:18/11/2025

Score: _____

Lab Activity 6 - Configuring a Session-Based Desktop Deployment in Windows Server 2022

Grading Criteria (Total: 50 points)

Requirement	Description	Points
Screenshot 1	The Remote Desktop Services Overview after deployment, showing the Session-Based Desktop Deployment	20 pts



Screenshot 2	Deployment Properties showing Per User Licensing Mode	20 pts
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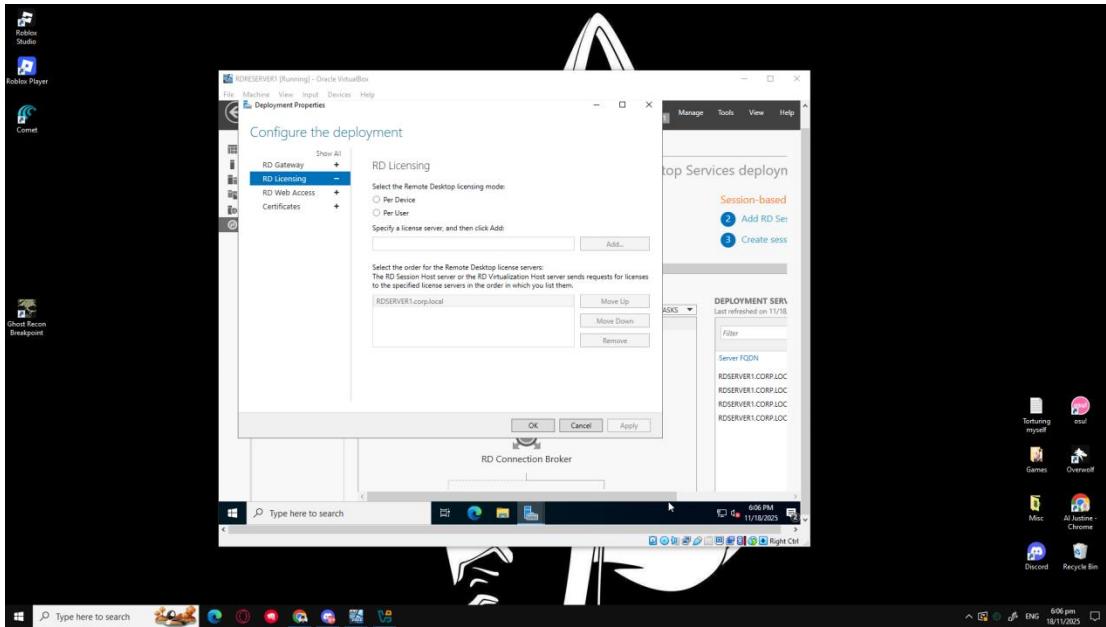
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Requirement

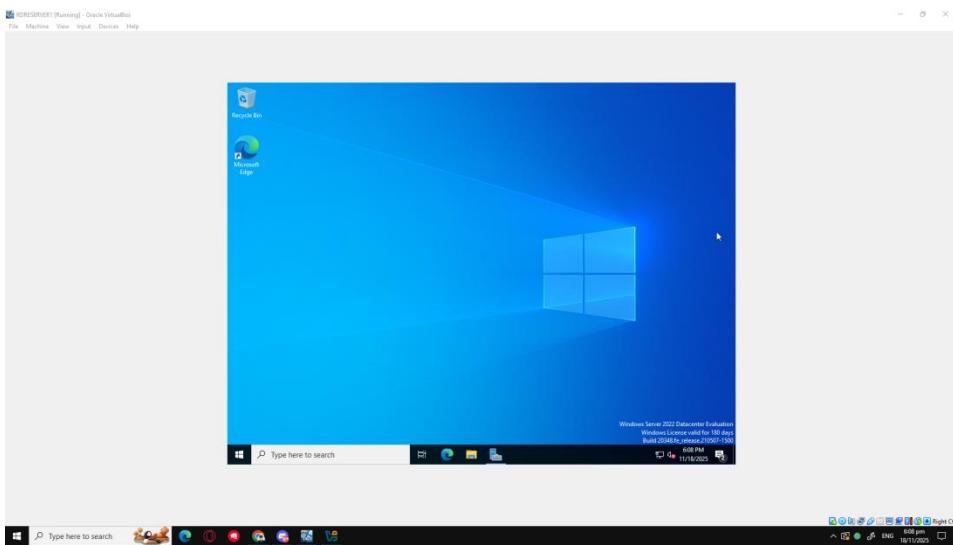
Description

Points



Screenshot 3

Successful **Remote Desktop Session** from ClientComputer using a domain user (visible desktop 10 pts of RDSERVER1)



Total Score: **50 points**