# xRDP & GNOME Remote Desktop - Issue Report

## Overview

The goal was to set up xRDP with GNOME on Ubuntu 24.04 to allow remote desktop access from a Windows machine. The xRDP service is running, but GNOME fails to initialize, preventing a successful remote session.

## ✅ What is NOT Wrong (Confirmed Working)

1. xRDP is Installed and Running

2. GNOME Session is Installed

3. User Permissions Are Set Correctly

4. Firewall & Networking are Configured Correctly

## 🔍 What is Wrong (Root Issues)

1. Xorg is NOT Running for xRDP

2. GNOME Session Fails to Start

3. xRDP Is Not Launching a GUI Session

## 🛠 Settings & Fixes Already Tried

### Xorg & xRDP Configuration

✅ xRDP Startup Script Fixed

✅ Xorg Configured for xRDP

### GNOME Debugging

✅ Checked for GNOME Errors

✅ Tried Launching GNOME Manually

### Session Permissions & X11 Access

✅ User added to video and render groups

✅ Fixed /tmp/.X11-unix permissions

### Tried Alternative Display Manager

✅ Switched from GDM3 to LightDM

## 📌 Summary of Unresolved Issues

1. Xorg does not start automatically for xRDP

2. GNOME session starts manually but terminates

3. xRDP session fails to create a GUI environment

4. No clear fatal errors in logs

## 🔹 Next Steps & Recommendations for IT Specialist

💡 1. Check Why Xorg Fails to Start on :10

💡 2. Debug GNOME Session Termination

💡 3. Debug xRDP's Session Handling

💡 4. Check If Sessions Are Being Created Properly

## 📌 Conclusion

xRDP is running, but not launching a GUI session.  
GNOME session starts manually but immediately terminates.  
Xorg is not consistently running for xRDP.  
No clear fatal errors in logs, but session handling is failing.

Request:

check Xorg logs, GNOME session behavior, and xRDP's session creation process to determine why GNOME is not persisting as an xRDP session.

And / or

Azure configuration that does not allow these changes