

Implementing Access Controls with Windows Active Directory

Learning Objective

In this lab, we will use the Active Directory Domain Controller to ensure confidentiality and integrity of network data. We will create users/global security groups and assign the new users to security groups.

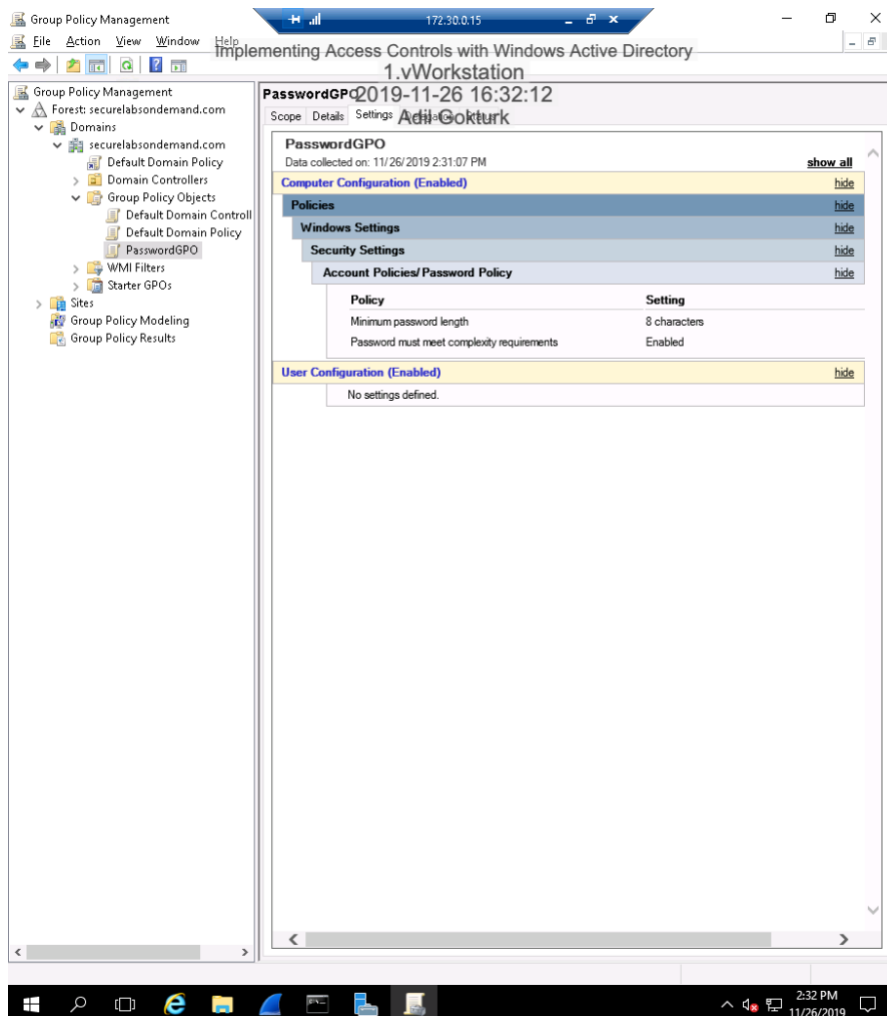
Tools and Software

- Windows Active Directory
- Group Policy Object Editor

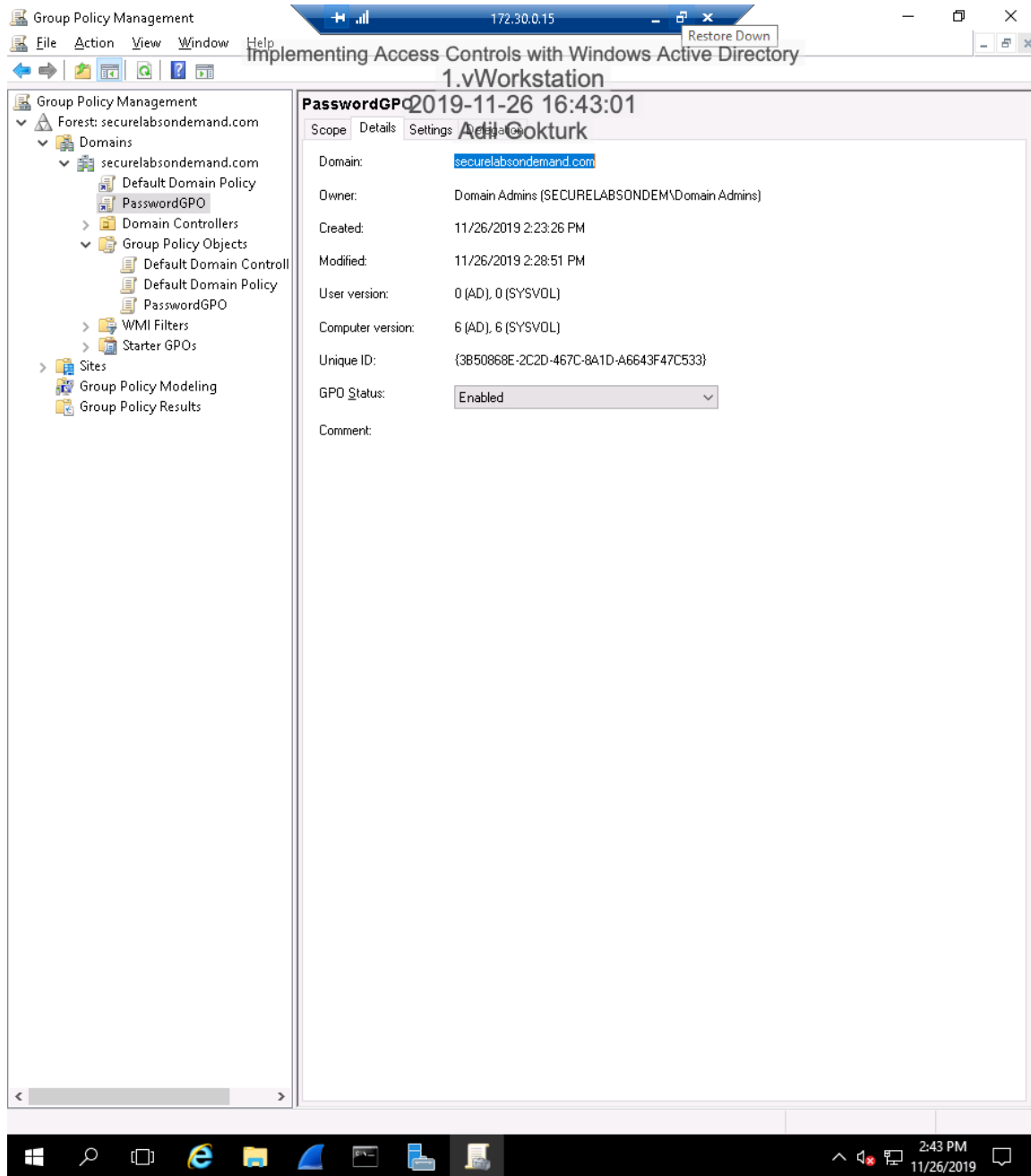
Lab Deliverables

❖ Part 1: Group Policy

- **Step#16 The Updated Policy Settings for the new PasswordGPO**

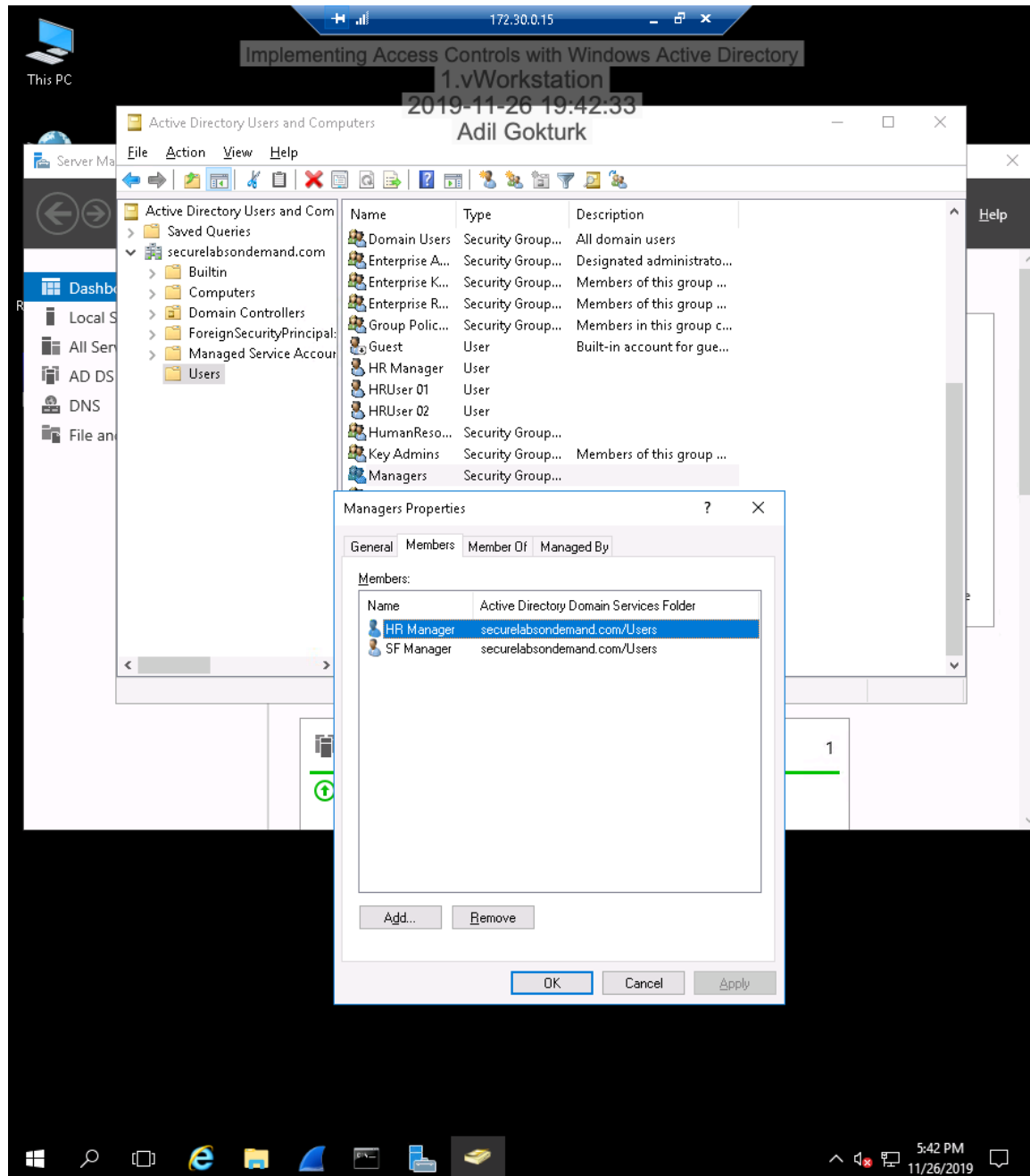


- **Step#29 Securelabsondemand.com PasswordGPO details**

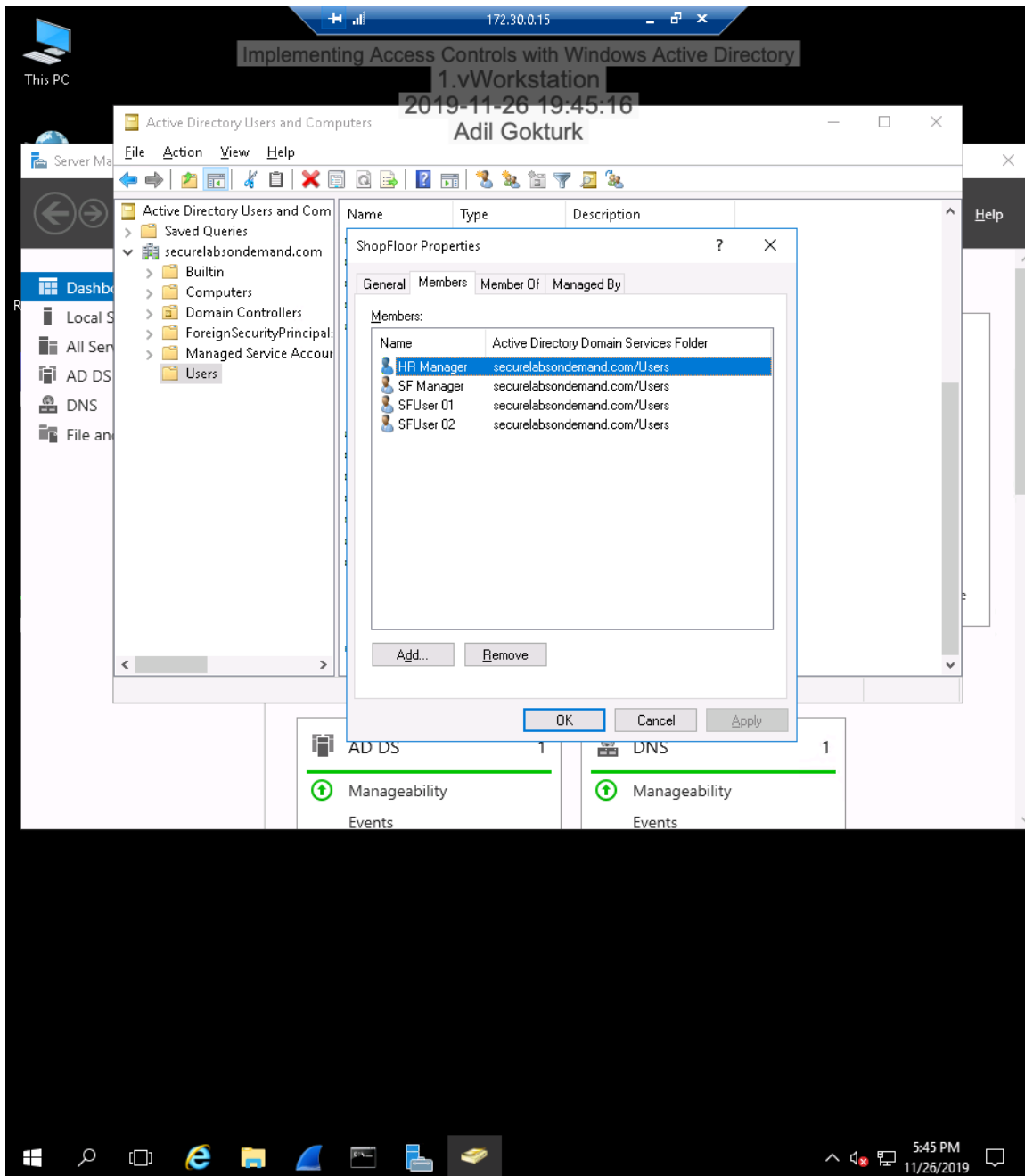


❖ Part 2: User and Group Administration

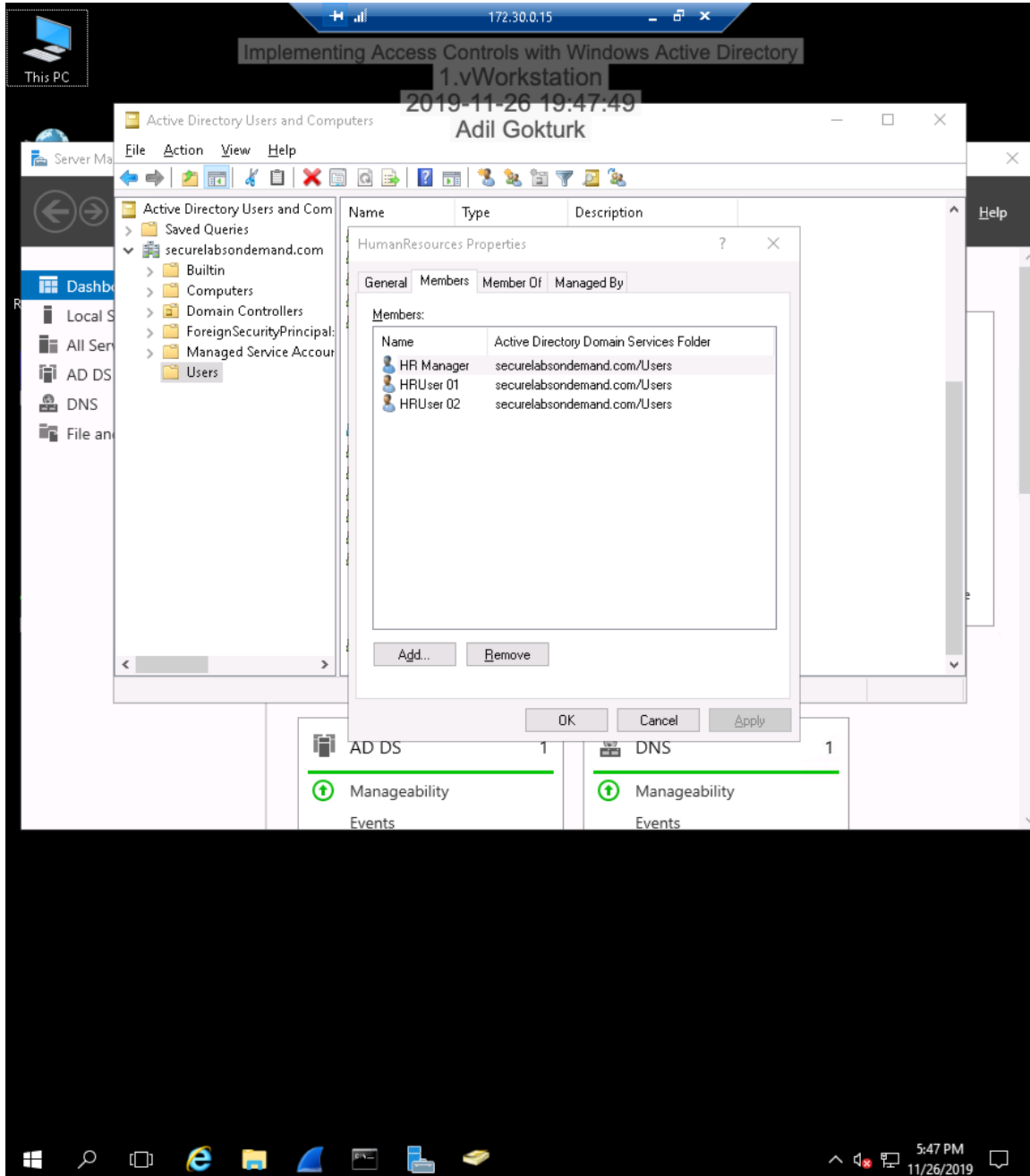
• Step#21 The members of the Managers group



- **Step#23**
 - **The members of the ShopFloor group**

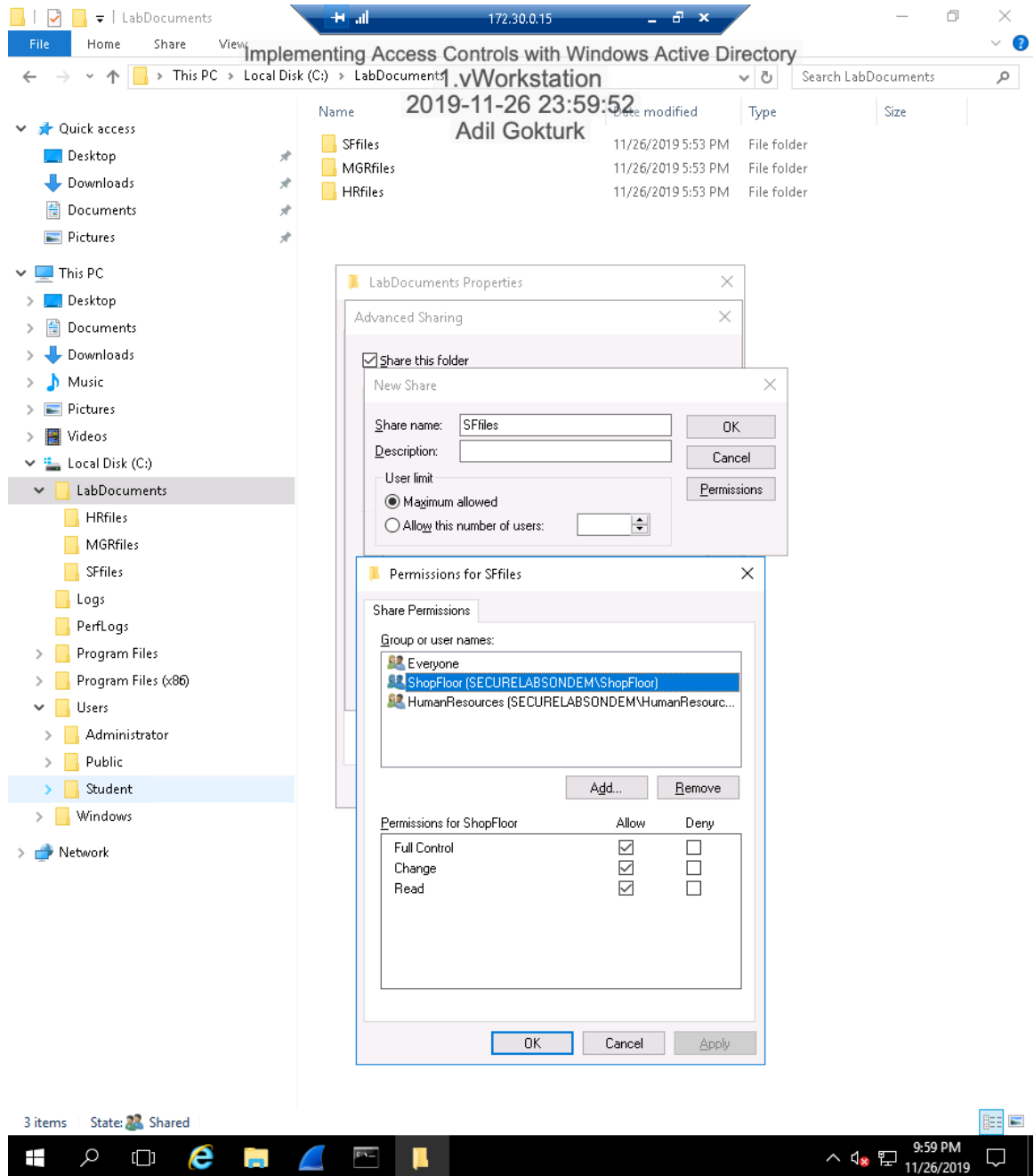


- The members of the HumanResources group

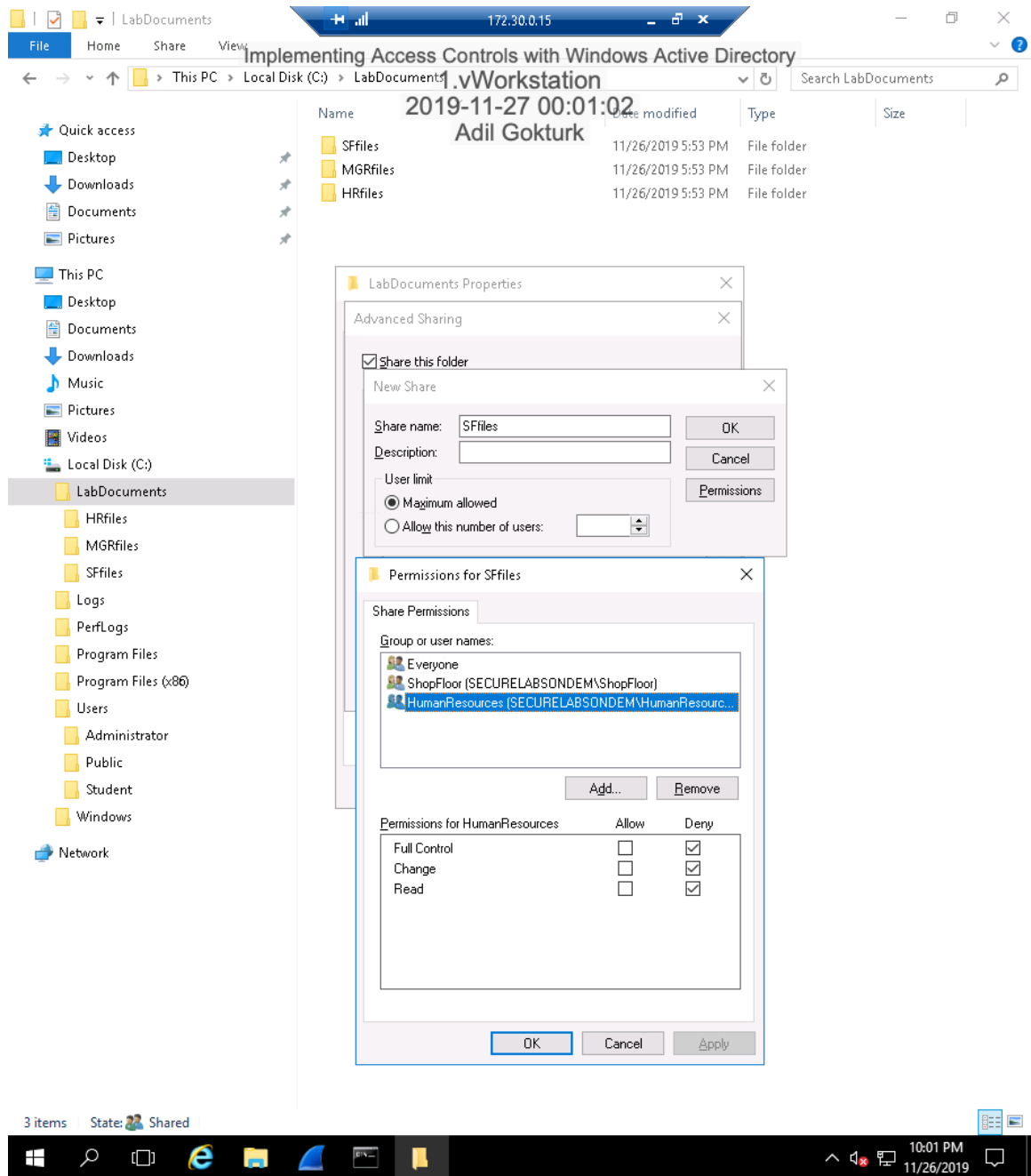


❖ **Part 3 - Resource Management**• **Step#20: ShopFloor Members**

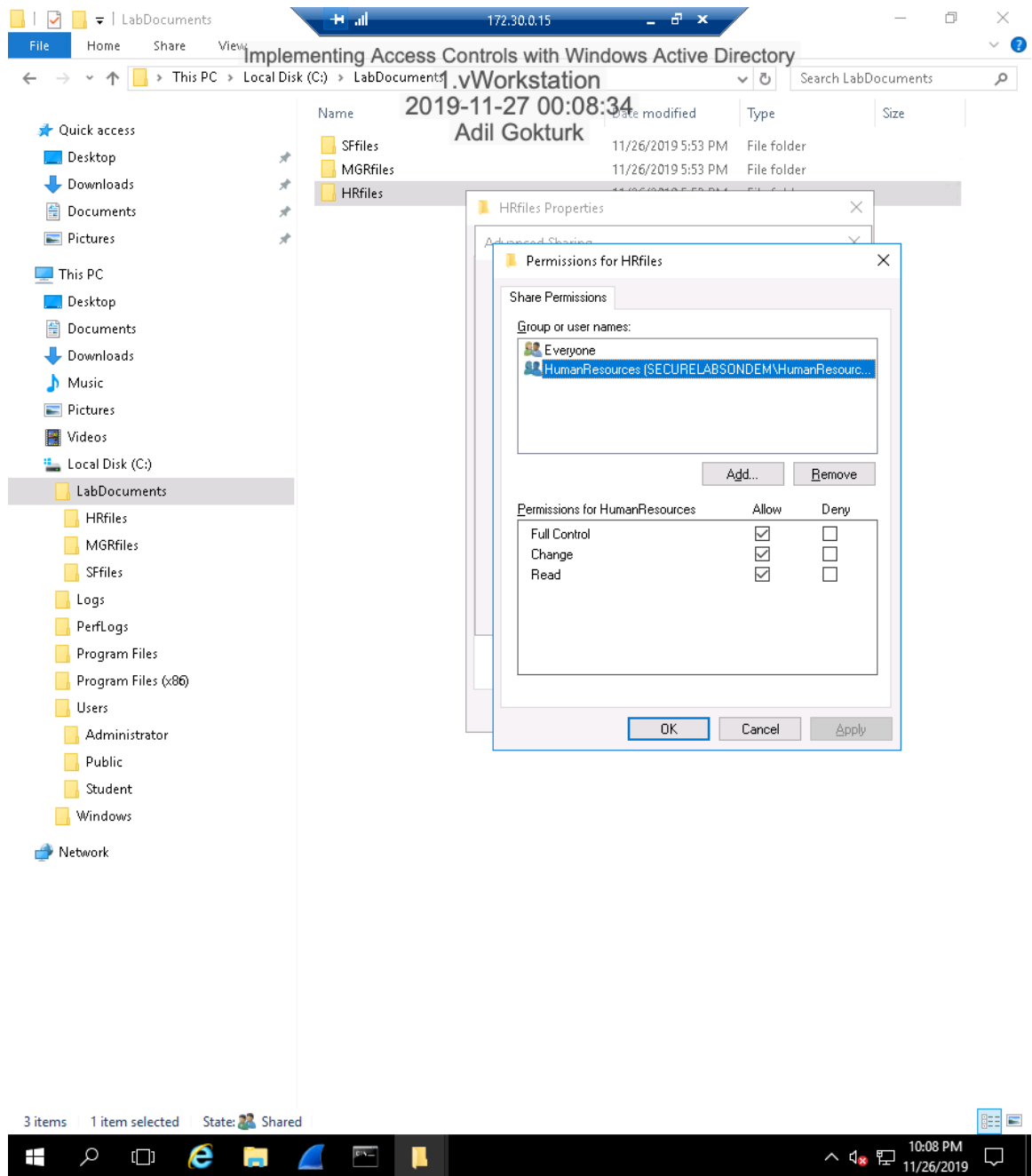
- **Allow ShopFloor members to read/write files in the C:\LabDocuments\SFiles folder.**



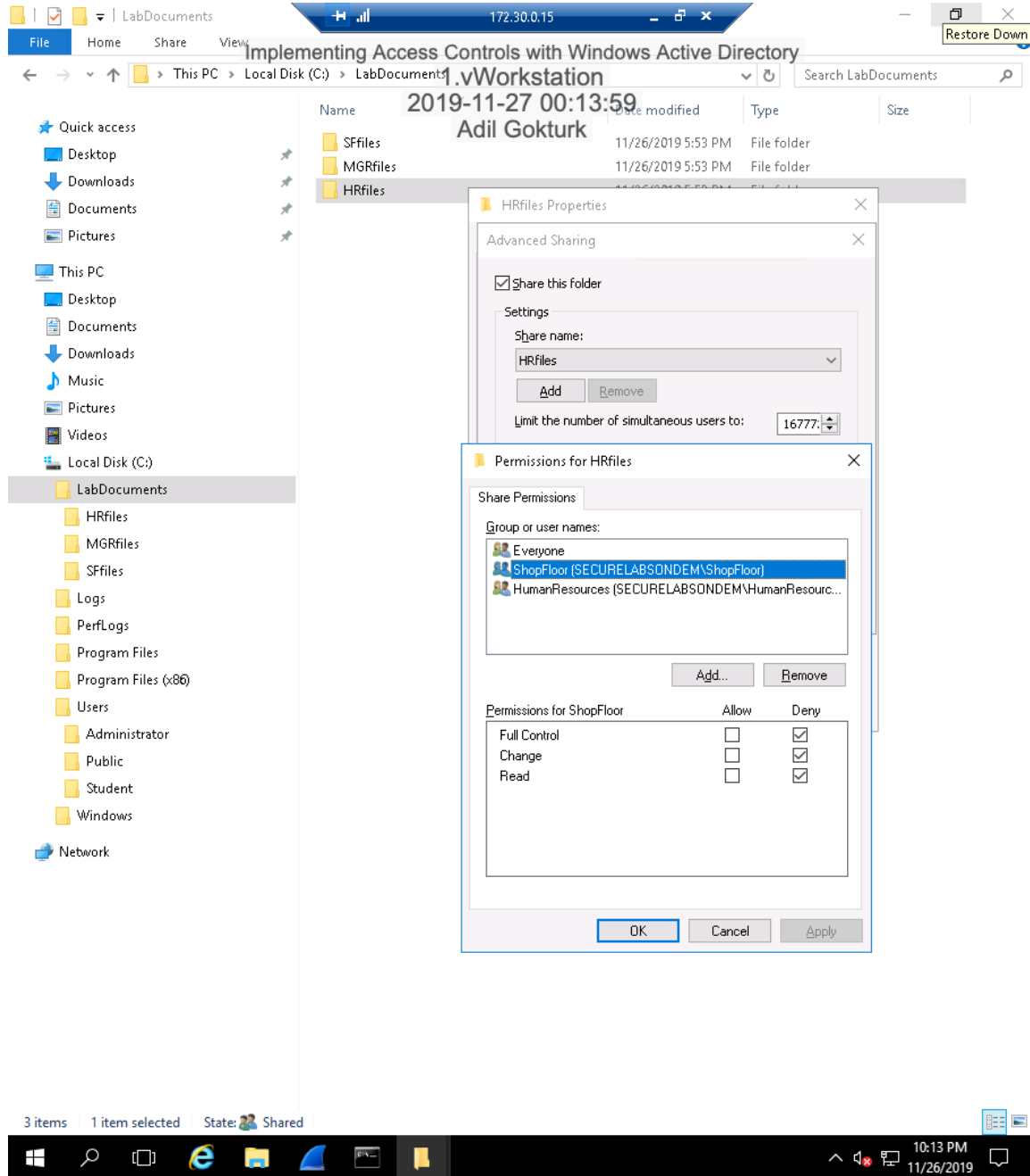
- **HumanResources members do not have access to the SFfiles folder.**



- **Step#20: HumanResources Members**
 - **Allow HumanResources members to read/write files in the C:\LabDocuments\HRfiles folder.**

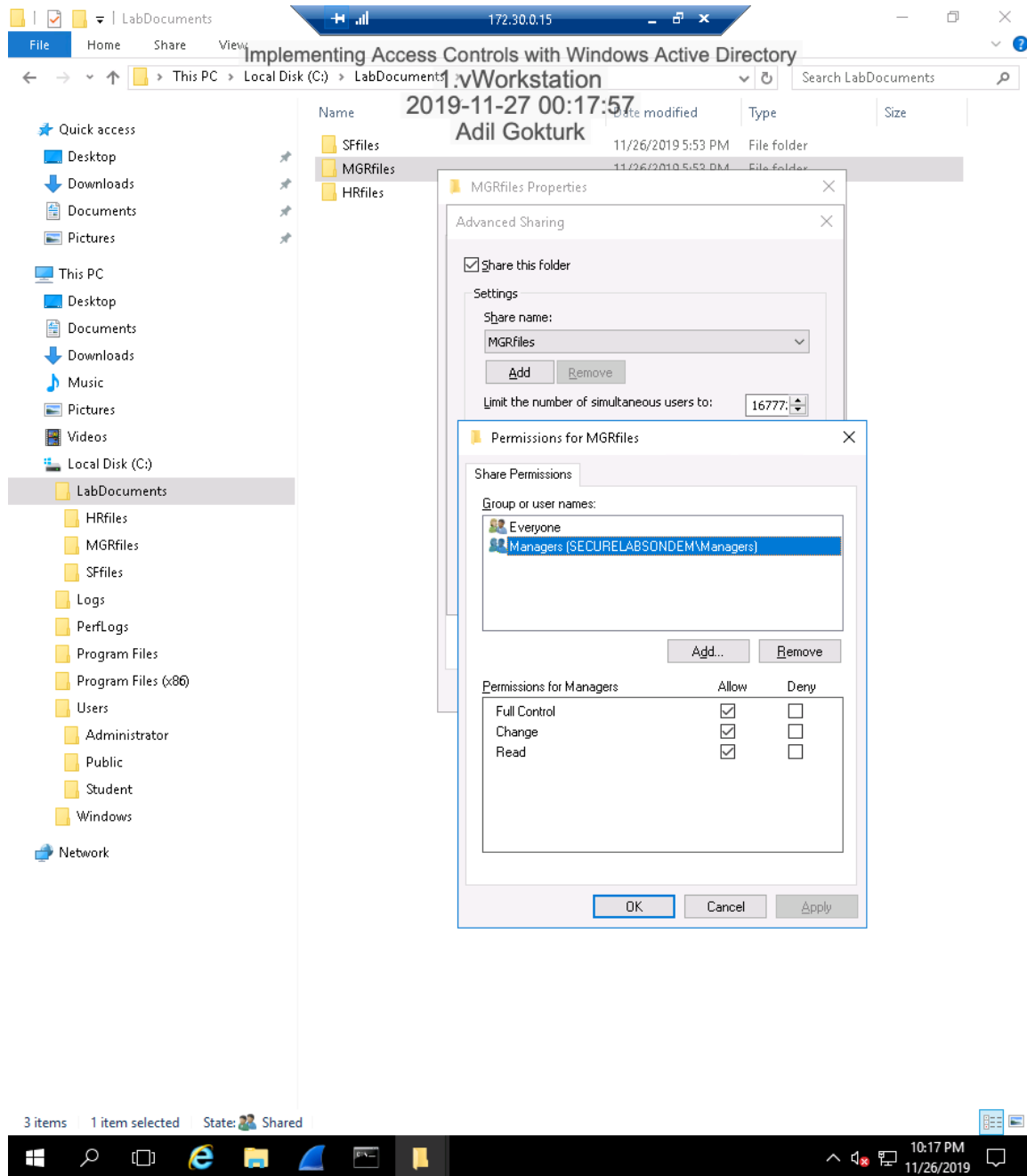


- **ShopFloor members do not have access to the HRfiles folder.**



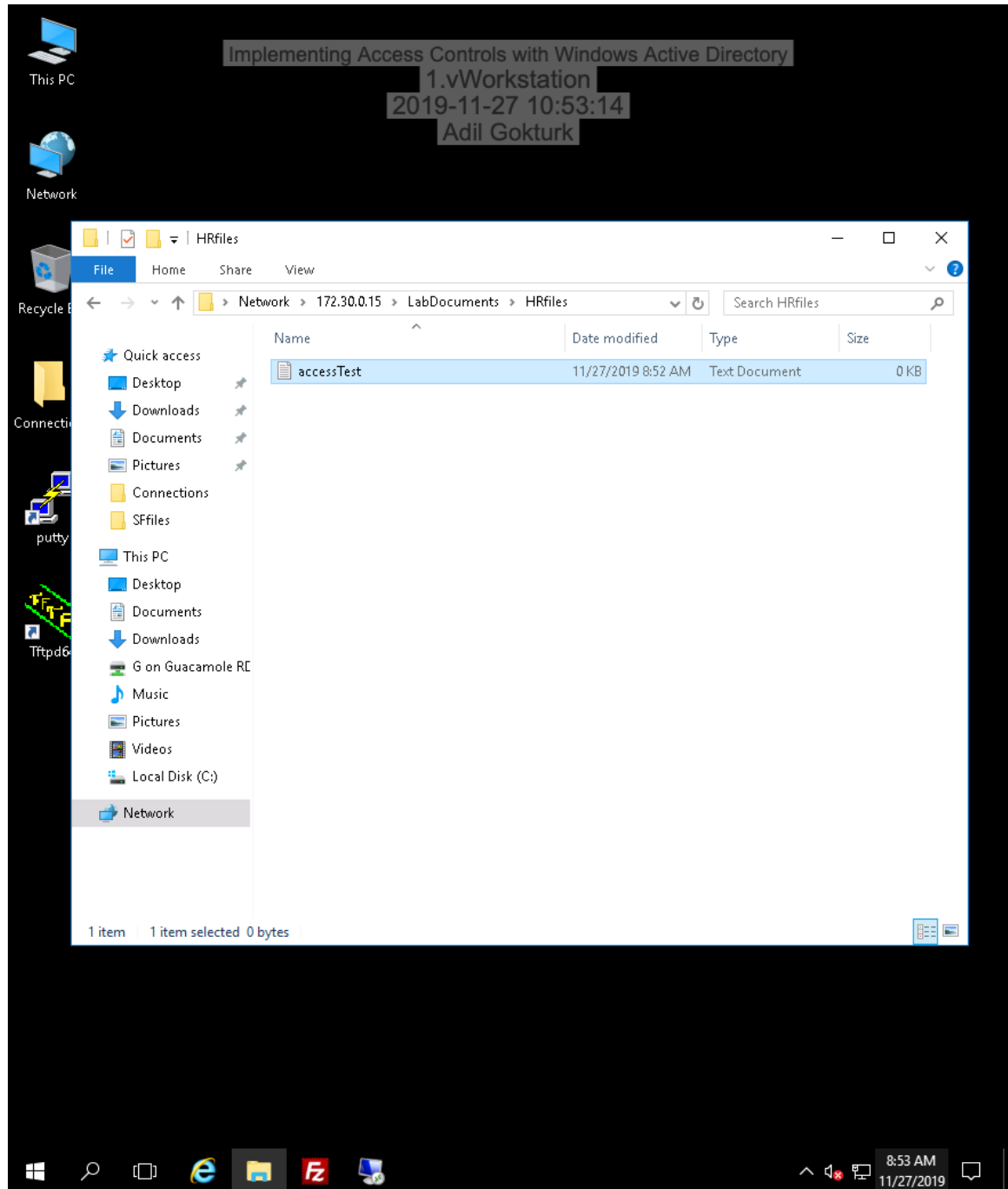
- **Step#20: Managers Members**

Allow members of the Managers group to read/write files in the C:\LabDocuments\MGRfiles folder.

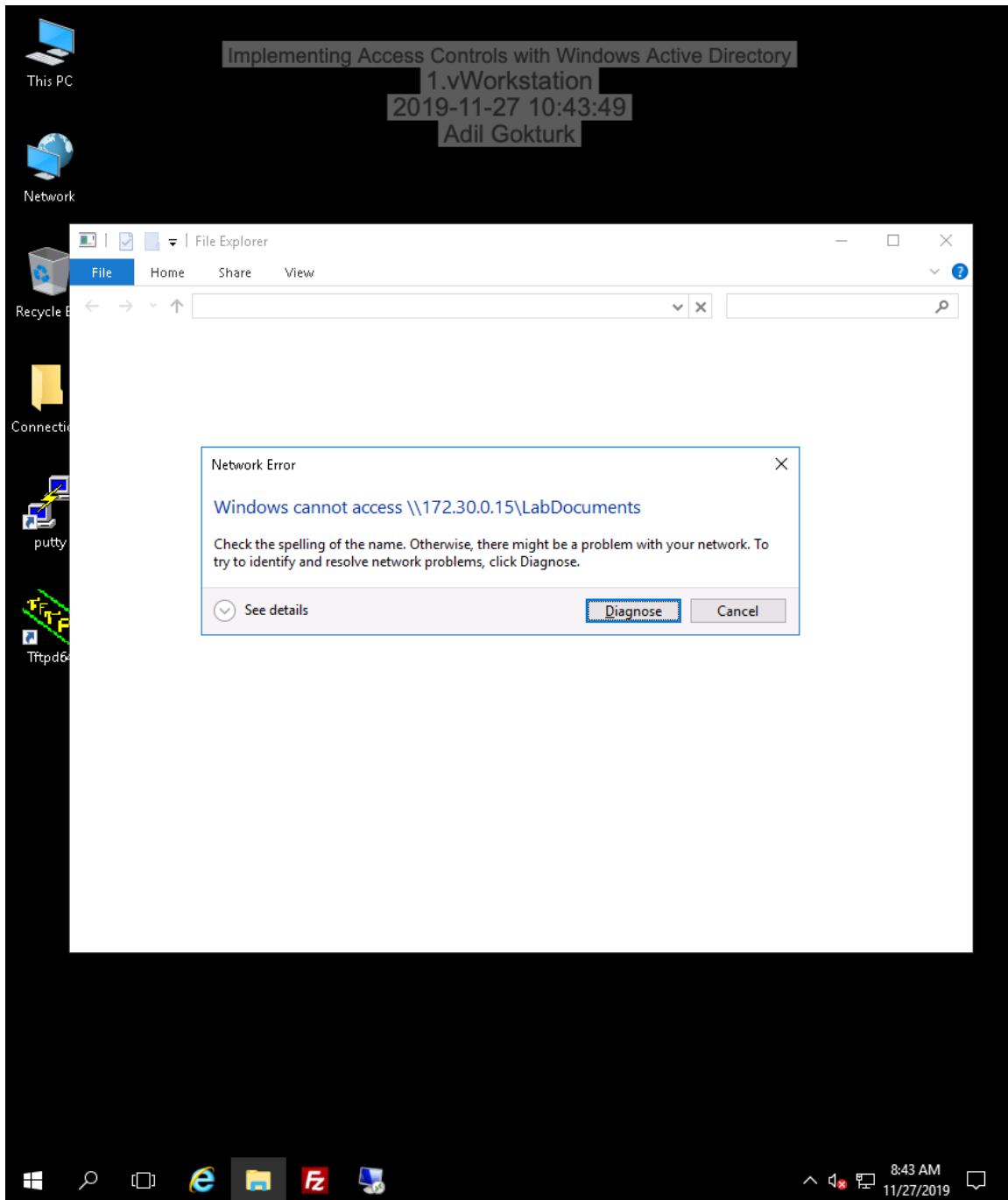


❖ Part 4 Practical Application**• Step#12:****▪ Username: HRUser01**

- HRUser01 can access the HRfiles and read/write in it

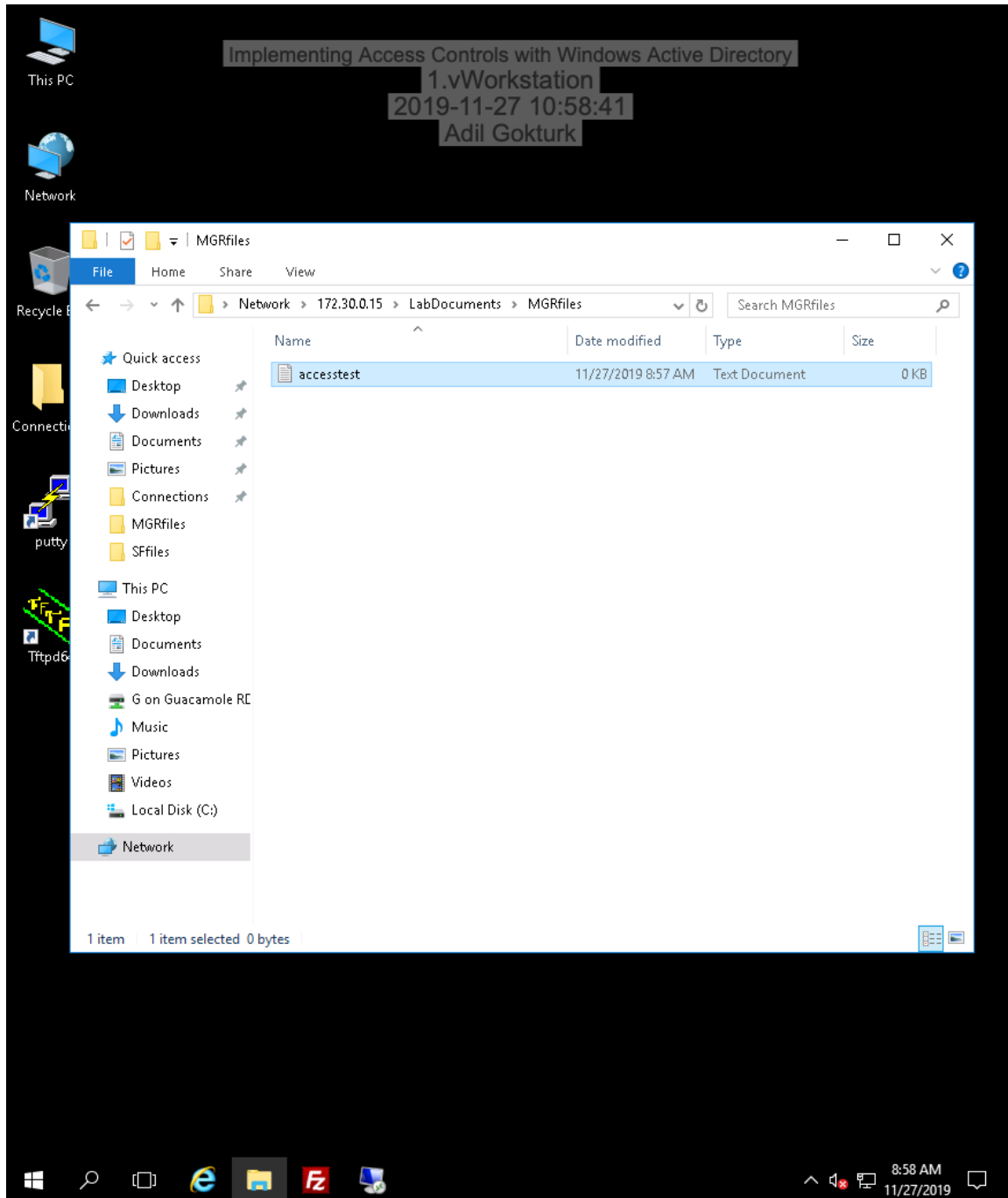


- HRUser01 cannot access the MGRfiles and cannot read/write in it
 - ♦ **I am Not really sure on this one!**



❖ Part 4 Practical Application

- **Step#12:**
 - **Username: SFManager**
 - Manager can access the MGRfiles and read/write in it



- Manager can access the HRfiles and read/write in it

