

# EXERCISES: Users, groups and local policies

Unit:7

1. Add a new standard user named "Class\_1" including the description and full name. The user must change the password at next logon.

The screenshot shows the Windows Settings application with the 'Accounts' section selected. The left sidebar lists various settings categories, with 'Accounts' highlighted. The main content area displays the 'Create an account for this PC' wizard. It prompts the user to choose a password, followed by a confirmation step. The username 'Class\_1Ruba' is entered in the 'Who's going to use this PC?' field. The password fields are masked with dots. A preview of the account 'Class\_1Ruba Local account' is shown on the right. At the bottom, there are 'Next' and 'Back' buttons.

Settings

Home

Find a setting

Accounts

Your info

Email & app accounts

Sign-in options

Access work or school

Family & other people

Sync your settings

### Create an account for this PC

If you want to use a password, choose something that will be easy for you to remember but hard for others to guess.

Who's going to use this PC?

Class\_1Ruba

Make it secure.

.....

.....

rl

Class\_1Ruba  
Local account

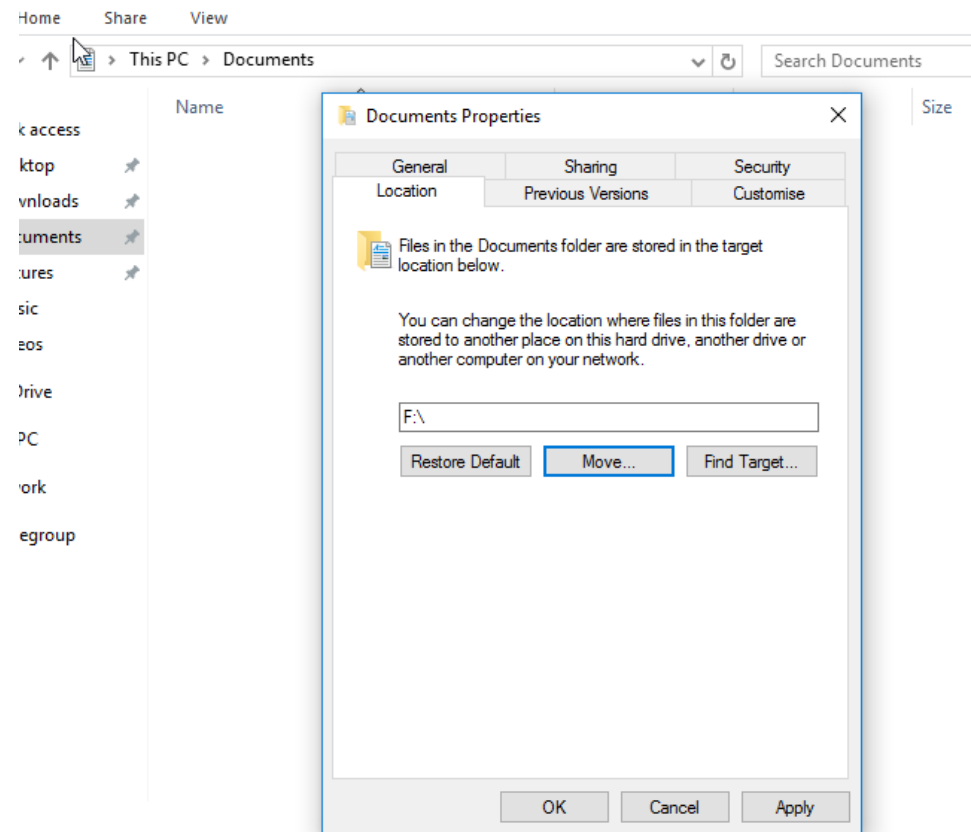
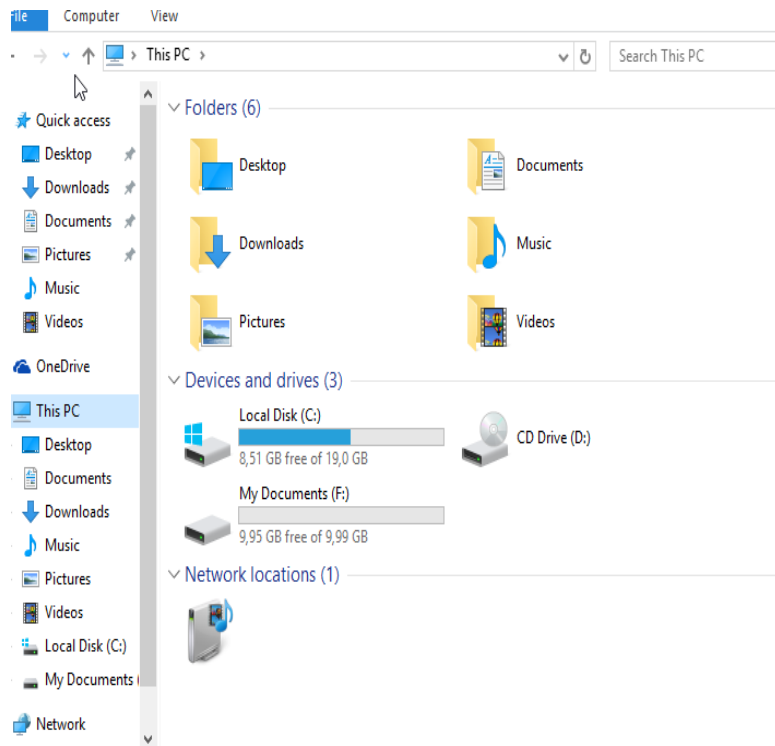
Set up assigned access

Next Back

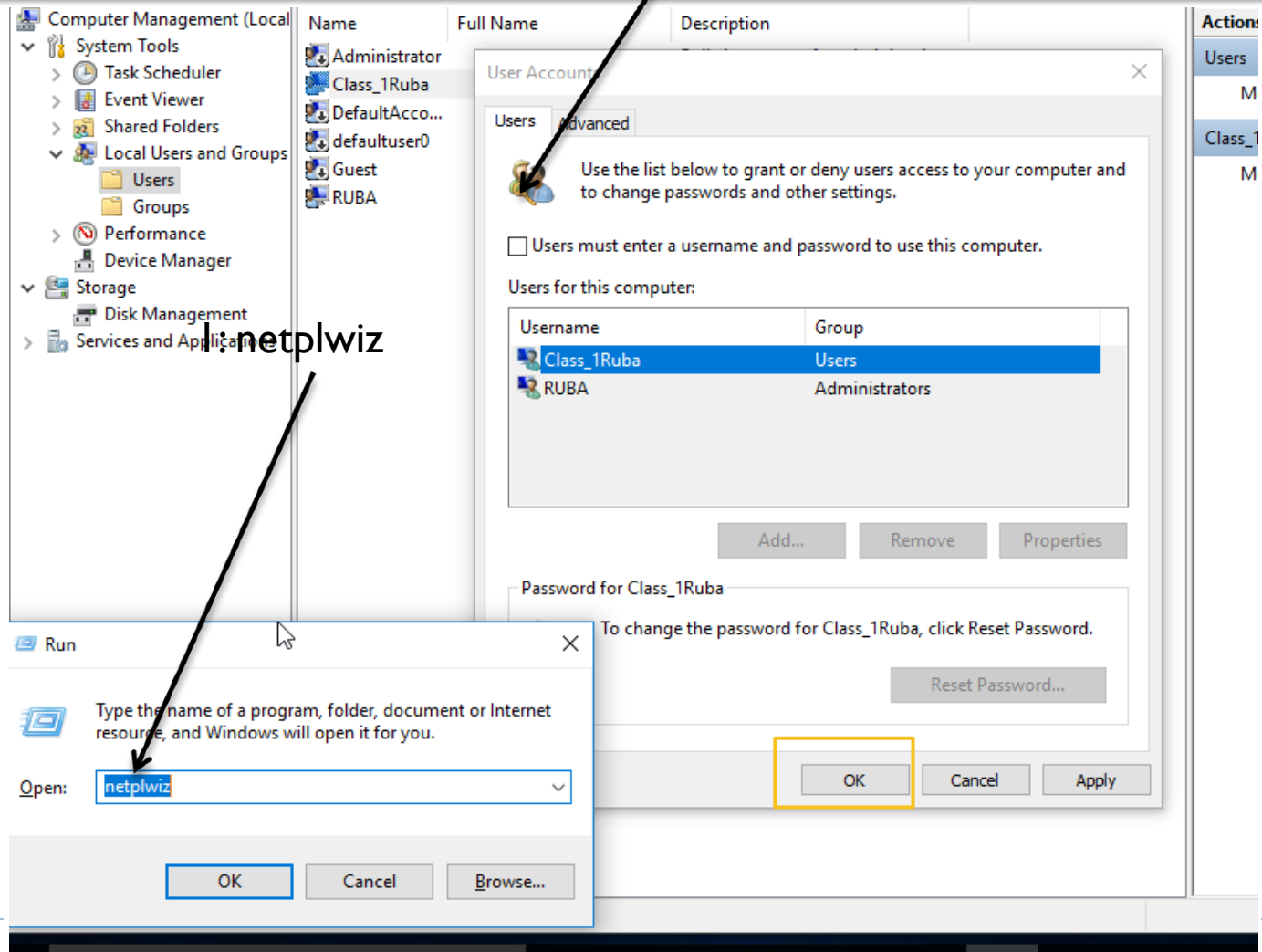
- ▶ Complete the following parts about the user “Class\_I” from the previous exercise.
- ▶ • Verify if the profile folder exists.
- ▶ • Log in as “Class\_I”.
- ▶ • Verify if the profile folder now exists.
- ▶ • Add a second hard drive to the virtual machine and create a folder called “My Documents” in F:\
- ▶ • Move “Class\_I” Documents folder to the directory you have just created.
- ▶ • Open “Documents” shortcut and create a new folder. Check if this folder has actually been created in “F:\My Documents”.



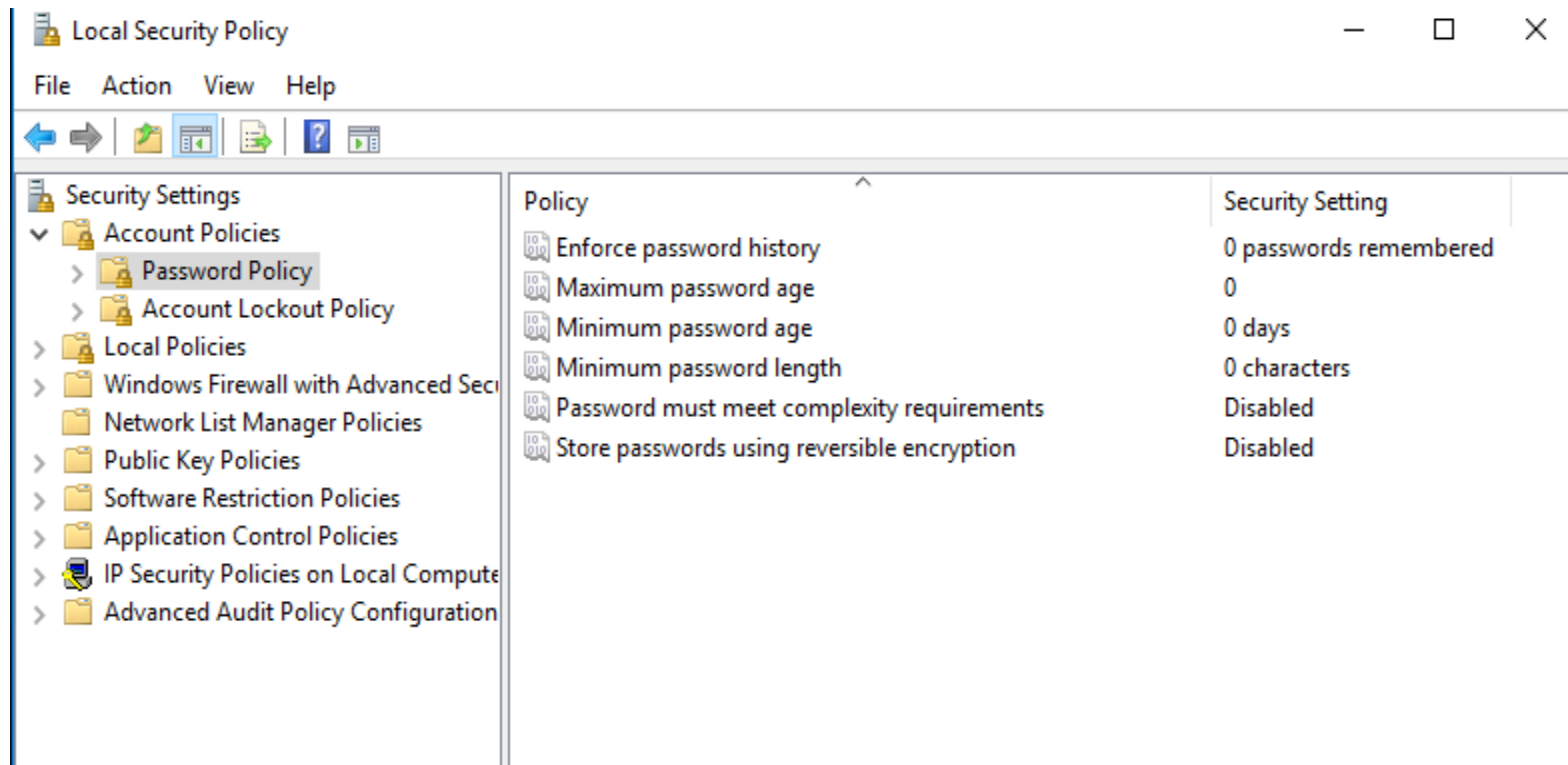
Right-click the Documents → Properties → Location  
Or the profile can appear when the user opens  
Class\_I Ruba



### 3. How do you configure a user to log in without a password and automatically when turning the computer on?



4. How do you configure a specific user so that the password never expires? How can you configure this policy for everyone?



Local Security policy → Account Policies → password Policy → Maximum password age = 0

## 5. When can you use a locked account?



6. Imagine you define an “Account lockout threshold” of 3 and “Account lockout duration” of 5. What would be the valid values of “Reset account lockout counter after”? What if “Account lockout threshold” value were 0?

- ▶ Reset account lockout counter after must be less or equal to Account lockout duration.





7. Configure the system according to the following criteria:

- All the passwords must have at least 8 characters.
- All the passwords must contain uppercase, lowercase, numbers and nonalphanumeric characters.
- The system stores the last 10 passwords for each user.
- All the passwords expire after 3 months.



Local Security Policy

File Action View Help



Security Settings

- Account Policies
  - Password Policy
  - Account Lockout Policy
- Local Policies
- Windows Firewall with Advanced Security
- Network List Manager Policies
- Public Key Policies
- Software Restriction Policies
- Application Control Policies
- IP Security Policies on Local Computer
- Advanced Audit Policy Configuration

Policy

- Enforce password history
- Maximum password age
- Minimum password age
- Minimum password length
- Password must meet complexity requirements
- Store passwords using reversible encryption

Security Setting

- 10 passwords remember...
- 90 days
- 0 days
- 8 characters
- Enabled
- Disabled

8. Configure the user “Class\_1” to be locked after 3 invalid logon attempts. If the user is locked out, it will be able to type the password again in 5 minutes.

Complete the following steps:

- Lock the user.
- Unlock the user as administrator and check if the user is able to log in.
  - Lock the user again.
- Wait for 5 minutes.
- Type the right password and check if the user is able to log in.







9. Add a new group name “Class” and complete the following:

- Add the user “Class\_1” to the group “Class”.
- Create a guest user called “Class\_2”, initially disabled that cannot change the password.

Then, add the user to “Class”.

The screenshot shows the Windows User Management console with a list of users on the left and a 'New User' dialog box in the foreground.

Name	Full Name	Description
Administrator		Built-in account for administering...
Class_1Ruba		
DefaultAcco...		A user account managed by the s...
defaultuse		
Guest		
RUBA		

**New User** [?] [X]

User name:

Full name:

Description:

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Password:

Confirm password:

☐ User must change password at next logon

☐ User cannot change password

☒ Password never expires

☐ Account is disabled

[Help] [Create] [Close]

10. Modify the user rights so “Class\_1” and “Class\_2” will be able to “Change the system time”.



11. Modify the user rights so that only the administrator users can “Shut down the system”





12. Suppose all the standard users are able to log in.

How can we deny log on to the specific user  
“Class\_1”?



13. Overall, add a new user called “Test” according to the requirements in exercise 7. What if we deleted “Test” from the group “Users”? Try to log in and explain what happens.

