**Topic: "Creating users and groups"**

Performed by students RPZ-93B group

**Team:** Бушовська О.В, Білобровенко О.С., Скворцов Д.Є.

**The purpose of the work:**

1.Gaining practical skills in working with the Bash command shell.

2. Familiarity with the basic actions when creating new users.

3. Familiarity with the basic actions when creating new user groups.

**Material support of classes**

1. Computer type IBM PC.

2. Windows family of operating systems (Windows 7).

3. Virtual machine - Virtual Box (Oracle).

4. GNU / Linux operating system - CentOS.

5. Cisco Network Academy website netacad.com and its online Linux courses

**Tasks for preliminary preparation.**

1. Read brief theoretical information for laboratory work and make a small dictionary

basic English terms for assigning teams and their parameters.

2. On the basis of the considered material give answers to the following questions:

2.1. Explain the concept of UPG, when should they be used?

2.2. What commands can be used to create user groups? Give examples

2.3. What commands can I use to change user group settings? Give examples

3. Study Cisco Academy Online Course Materials:

- NDG Linux Essentials (Chapter 16 all Topics)

4. Take the NDG Linux Essentials course on the following topics:

- Chapter 16 Exam

5. Prepare in electronic form the initial version of the report:

- Title page, topic and purpose of the work

- Glossary of terms

- Answers to clauses 2.1-2.3 of the tasks for preliminary training

**Progress.**

1. Initial work in CLI mode in Linux Linux family:

1.1. Start the VirtualBox virtual machine, select CentOS, and start it. Log in

under the user: CentOS, password for login: reverse (if you perform LR in 401 aud.) and lower

terminal.

1.2. Start the Ubuntu\_PC virtual machine (if you are performing LR tasks through the netacad academy)

1.3. Start your Linux operating system (if you are running on your own PC and

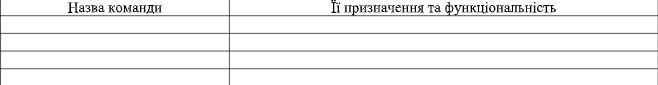
installed) and start the terminal.

2. Study all the examples of commands presented in the laboratory work of the NDG Linux course

Essentials:

- Lab 16: Creating Users and Groups

3. Create a table of commands studied in paragraph 2 of the course of work as follows:



**Test questions**

1. What is the getent command used for?

2. How can I delete existing user groups? Will there be information about them somewhere in

system?

3. How can I change the user password?

4. What is the purpose of the chage command?

5. What parameters of the usermod command do you consider the most used?

**Conclusion:** I gained practical skills in working with the Bash shell, learned the basic steps for creating new users and the basic steps for creating new user groups.