As Windows Server Administrator, you are asked to design and install a computer system for a company called DDP hf, where 15 employees work. You need to set up a Domain Controller and a DHCP (IPv4), DNS and other services.

All listed objects below are to be processed by the DC (Domain controller) server. The below table summarizes the DDP hf company departments with the employees for each department as follows:

|  |  |
| --- | --- |
| IT | Alexander Ragnarsson  Andrea Klara Hauksdóttir |
| Management | Guðmundur Steindórsson  Halldór V. Jónsson  Harpa Hjaltested |
| Finance | Hrannar Arason  Ingibjörg J. Guðlaugsdóttir  Ísak Leifsson  Jóhanna Kristín Hafsteinsdóttir |
| Engineering | Kristján Svanbergsson  Lárus Arnar Gunnarsson  Linda B. Magnúsdóttir  Rúdólf Björnsson  Sigurbjörg Ó. Stefánsdóttir  Sigrún Alda Jensdóttir |

1. Rename the Server to dc1 and configure the server with last IPv4 address in the first network 192.168.100.0/25, Note that you need to configure the correct network card.
2. Install the AD DS server Role and promote the Server to the DC (Domain controller) in new forest and use the **ddp-“youname.local”** as domain name.
3. Install and Configure DHCP server with an IPv4 scope, named Client\_Scope, and create an exclusion of the last 10 addresses from the scope.
4. DHCP needs to allocate the IP address, default gateway and domain name to clients on the network.
5. Make sure the windows 8 will get an automatic IP address via the DHCP and Join the windows 8 client to domain controller.
6. Create NAT on the server so windows clients will get access to the Internet using a private interface.
7. Create an OU (Organizational Units) for each department.
8. Create groups and their corresponding users in each group, use 2015P@ssword as password for all users.
9. Add all groups to Remote Desktop Users in Active Directory.
10. Employees in the Finance Department should have http://www.forritun.is and <https://kodun.is>
11. Favorites in Internet Explorer. Also make sure they can't delete history in Internet Explorer.
12. IT employees should have Notepad ++ with a shortcut on the desktop of win10 clients.
13. All computers should have the Firefox browser installed. Production department employees should not be able to start Firefox.
14. All users should have the Chrome browser installed.
15. All users should have a Bubbles screensaver (bubbles.scr) that will automatically run on them after five minutes.
16. Finance staff should not open task manager and control panel.