



# Network administrator

## Description

The development of information technology (IT) gains more and more speed and becomes growingly more complex. Network administrators manage very well in this area; they set up network equipment and systems, connect computer equipment into a network, and supervise and maintain computer networks. They are 'men of many hats' who are good at finding hardware and software solutions, and they also provide user and technical support to their clients. Network administrators' work activities also involve setting up, connecting and testing of cables and power distribution cabinets, modem and router configuration, checking the good working order of the installed equipment, computer assembling and testing, adjusting and testing the parameters and servers, remedying any faults on the network, monitoring the operation of the network, monitoring the network performances, and counselling the users. They ensure that network infrastructure functions properly, quickly identify the needs of the customers and resolve their IT problems. Moreover, in order to ensure that the data of individuals and companies are saved in case of the system failure, network administrators install and programme the suitable software. Network administrators use computer equipment and complex software programmes in their work.

To do this job, you need to be precise, analytical, and patient. In order to ensure proper installation of computer network in a newly-erected building, you need to work in a team and have good cooperation with your associates and other specialists. To be able to provide advice and technical support to customers, you need to have good communication skills and be willing to help. The network administrator's job is mainly done indoors, but you need to go on site to set up the network equipment.

## Desirable traits/requirements

- Good sight and visual acuity
- Teamwork skills and flexibility
- Responsibility and reliability
- Being organised
- Analytical skills
- Good communication skills and willingness to help
- Desirable traits/requirements

## Positive aspects:

- Since IT area becomes ever more complex, network administrators continuously face new tasks. Digitisation penetrates a growingly larger number of the areas of work and life and, therefore, these profiles are more and more in demand. Communication with clients contributes to this job being very versatile.

## Negative aspects:

- Not every problem which network administrators face is easy to solve or simple. You need to continuously learn and grow in order to keep track with all changes and innovations. Communication with customers can be demanding.

## Career path/field of work

In order to be able to do the network administrator's job, you need to finish a four-year secondary vocational school.

Network administrators work in different companies supplying computer and network equipment, or companies in charge of network maintenance and configuration and/or providing software and hardware support to customers.