

# 7 reasons girls should learn and manage computer networks

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The lack of a female figure in technology is a hot topic in 2015. Computer network administration is a growing field, requiring more experts to balance the growing workload, especially as cloud technology and the Internet of Things become more popular.

A computer network administrator must make sure that the various parts of the network are working properly and doing what is right. Whether keeping the job of securing the logging management system for companies that are working well online, or determining why a person's computer can't connect to a shared printer, the administrator Computer networks also always play an important role in modern businesses. Here are 7 reasons why girls should study and manage computer networks.

## Should girls study and manage computer networks?

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## What is computer network management?



Put simply, a computer network allows computers to communicate with each other, allowing users to share resources. The network consists of a server, facilitating communication, allowing multiple users to share a hardware device (such as a printer) and making information more easily accessible between network users, etc. Computer networks work practically with many physical parts of computers to build and support networks, ensuring they operate efficiently and safely.

## **7 reasons girls should learn and manage computer networks**

### **1. This sector is lacking women**



According to the Bureau of Labor Statistics, women account for only 17.3% of jobs related to computer network management. In a world where workplace diversity is always focused, this is a real problem. Women are expected to represent 46.8% of the workforce by 2022, which means employers are seeking to fill the gender gap and have a more accurate picture of the workforce. labor.

The growing demand for people with experience in computer network administration is creating many opportunities for those interested in pursuing this job. From a practical point of view, this means that the training effort in the field of computer network administration is not wasted and also creates a more level playing field for women who prefer to switch to science and technology. , engineering and math.

For many computer network administration positions, qualifications are not necessary. This creates opportunities for those who are in need of changing careers or those who have previously spent years caring for families. Many colleges offer high-quality part-time courses in computer network administration.

## **2. There are many job opportunities**

The rapid growth and development of technological innovations means that the needs of a business are always growing. This not only increases the accessibility of computer network administration work, but also provides opportunities for development in that role.

Many fields require network administrators, so computer network administration work has many development opportunities. Administrators may be required to take on a variety of roles, such as in computer system design, educational services (public, local and private), information, finance and insurance.

You also have the opportunity to learn while working. No two networks are exactly the same. Almost every employee learns about the system through on-the-job training. Employers are looking for people who can solve analytics problems and use their knowledge to dig deep into a company's private network.

By learning new things every day, women with the task of managing the computer network will create a solid knowledge base for career development and access to new opportunities when possible. This flexibility creates strong job skills that have the potential to evolve into a long and productive career in science, technology, engineering and math.

## **3. The salary is very high!**



The average annual salary for a computer network administrator was \$ 72,560 (1,615,000,000 VND) in 2012. In the same year, the average annual salary for all workers was \$ 34,750 (805,338,932VND).

#### **4. The job prospects are bright**

Businesses always need employees to keep up with the continuous development of network administration. The US Bureau of Labor Statistics estimates that in the next 7 to 10 years, computer-related job opportunities will increase by 13%. In particular, computer network administration is expected to increase by 12% by 2022 - equivalent to 42,900 new jobs. As many companies invest in technology, speed and security for the network, they will also require employees to have the appropriate skills.

Another thing to consider is that after a few years of experience, you will have the opportunity to work flexibly for hours as a freelancer (or freelance) or even set up your own consulting firm.

Besides, when working in the field of science, technology, engineering and math, you rarely have to worry about being replaced by robots. In fact, as long as technology is integrated into different aspects of a business, people still need to be there to fix problems.

#### **5. You can earn a degree regardless of age, and learn from real professionals**

There are many courses that the instructor is also working in the field of computer network management. The combination of real-time work experience and passion for teaching allows them to bring their knowledge directly into the classroom.

#### **6. Challenge the mind**



Women are people who are able to solve innate problems, with many outstanding thoughts when approaching the problem. Therefore, doing computer network administration work provides an opportunity to challenge the mind and practice problem-solving skills in real-world situations. Being able to overcome a challenge and find a solution is not only great for a person's career, but also helps them increase their confidence.

## 7. Become an ideal role model for others to follow

In fact, men make up the majority of the workforce in industries related to science, technology, engineering and math. In fact, only a quarter of those working in these fields are women.

Pursue a career in computer network administration that helps you to become a role model for other women, interested in advancing your career in the field that this male dominated, follow. This makes you part of a revolution to gain equal rights and to contribute to a brighter tomorrow.

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