

# Things to know about a network intelligence analyst

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Today, in a time when we are becoming more and more dependent on the Internet, from entertainment, working to less information, the issue of data security on the Internet is an important thing. Therefore, it is not surprising that some types of careers have appeared to meet the increasing demand in this area, which are jobs related to information security as well as security. Network, and network intelligence analyst is one of such jobs.

Online intelligence analysts, also known as 'network analysts', are people with expertise in information security, they use their fundamental skills and knowledge in the areas such as network administrators or network technicians to help combat the activities of cybercriminals such as hackers and malware developers.



## Duties and responsibilities

The work of network intelligence analysts is a combination of the following factors:

1. Technical research: collecting information about malware on the Internet and criminal activities related to organizations behind them.
2. Intelligence information analysis: make predictions about cybercrime and the activities that they can conduct in the future based on known information.
3. Giving reports on intelligence threats as well as conveying analytical results to those who need to know this information (eg government policy makers, security officials , senior officials in a company).

# Requirements on the educational level of a network intelligence analyst

In order to become a cyber threat analyst, to a minimum, you must have at least a Bachelor's degree in Computer Science, Information Systems or another related field. However, this may not be necessary if you have many years of practical work experience in this area.

It can be said that certificates are also a good way to prove that you are aware and able to handle this task, especially when the certificates are associated with a relevant bachelor's degree. Some employers may require the following conditions, including:

1. Information system security specialist certification.
2. CompTIA Security + certificate
3. ISSEP certificate - Information Systems Security Engineering Professional (Information technology security specialist).
4. GIAC (Global Information Assurance Certification) security certificate.

## Important skills related to technology

Analysts on cyber threats need solid experience in areas such as:

1. Network security and / or operating system.
2. Computer network intrusion detection and prevention system.
3. Firewall.
4. Methods and tools to attack information technology based on the Internet.
5. Security activities and methods to respond to information security incidents.

Through all of the above knowledge, skills and experience requirements, we can see that a network intelligence analyst is not a suitable job for those who are still "immature." new graduates. You will need to have many years of experience in relevant positions (eg network or security related) before deciding to pursue this job.

## Other important skills:

In addition to professional skills in information security, you should also prove to employers that you have some professional qualities, including some 'soft skills'. For network intelligence analysts, the soft skills they need to include include:

1. Ability to explore research and high analytical skills. These skills must be available for you to be able to work with data and identify statistically significant forms of information related to cyber threats.
2. Having strong organizational skills.
3. Careful, pay attention to details.
4. There is a forward-thinking mindset to anticipate possible situations, for example: 'What will I do next if I am an attacker'.
5. Having good presentation skills, you will often have to host these informative reporting sessions for higher level leaders.

6. Skills in teamwork, ie the ability to collaborate well with other people conducting research in the same field as you, or maybe what you are doing.
7. Excellent reading and communication skills.

## Some work related to other information security

1. Analyst, security engineer
2. Counterintelligence analyst
3. Information security architect / administrator

## Conclude

This is a work that has been and will continue to receive more attention in the future, not only because of the prospect of advancement, salary, and also for the good purpose that it brings, that is protect important information as well as against those who want to destroy or abuse those sources of information. Network intelligence analysts are valuable assets for any company, and this is one of the key jobs in the future, as long as the Internet remains and grows in the world.

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2. What you need to know about an information security analyst
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