COUNTRY : GERMANY

TOPIC : ADVANCING RESPONSIBLE STATE BEHAVIOUR IN CYBERSPACE IN THE CONTEXT OF INTERNATIONAL SECURITY

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- ❖ Germany is a Western European country with a landscape forest, river, mountain ranges and North Sea beaches.
- ❖ Germany is a Federal Country which has 16 Federal States. It's on the "heart" of Europe. Each state has its own constitution, parliament and government.
- ❖ The capital of Germany is Berlín.
- ❖ The official language of Germany is German.
- ❖ The currency of Germany has been the Euro since 2002.
- ❖ Total Population is 83.84 million.
- ❖ 78.81 million Internet users are there.
- ❖ 112.9 million Mobile connection.
- ❖ There were 66.00 million active social media users.
- ❖ The National Anthem of Germany is Deutsche Nationalhymne.

Previous situation related cyberspace in Germany

It is not a premiere in Germany; for example, Angela Merkel's mobile phone was hacked in 2013; in 2015, Germany's parliament, the Bundestag, was attacked, and in 2016, several German political parties, including Merkel's CDU, were attacked.

In February 2018, the German government's network was attacked. Germany did not specify what kind of information was accessed by the foreign hackers, but it is publicly known that the hackers successfully attacked the IT system of the Ministry of Foreign Affairs. On March 18, 2018, the Head of the Federal Chancellery and Federal Minister for Special Tasks, Helge Braun, issued a public statement about this attack and explained that the government would examine the possibilities of cyber counterattacks.

Prosecutors believe the woman died from delayed treatment after hackers attacked a hospital's computers. It could be the first fatality from a ransomware attack.

Current situation and problems

Rely on secure and stable ICT able to withstand cyber attacks. Increasing digitalisation and networking make today's vital infrastructures in business and in public life more open to attack than ever.

Two thirds of Germany's manufacturers have been hit by cyber-crime attacks, costing industry in Europe's largest economy some 43 billion euros.

German security officials have long been sounding the alarm about the risk of well-resourced foreign spy agencies using cyber attacks to steal the advanced manufacturing techniques that have made Germany one of the world's leading exporters.

Solutions

Main Application Fields for New ICT Security Solutions

- Innovating Working Conditions
- Civil Security
- Intelligent Mobility
- Healthy Living
- Sustainable Business and Energy
- Advanced Manufacturing

However, it claims that Germany could "react with all legal military means if a cyber operation is equivalent to an armed attack.