

Devices with abnormal communication with base station

To address RBS attacks, it is essential to create a RBS/FBS detection system. In this paper, we proposed three different approaches to detect RBS/FBS, including the user equipment ...

The present invention belongs to the field of abnormality detection of base station intelligent operation and maintenance, and in particular to a communication base station...

A fake base station is a well-known security issue in mobile networking. The fake base station exploits the vulnerability in the broadcasting message announcing.

These malicious devices mimic legitimate cell towers to intercept mobile communications, track user location, and sometimes even inject harmful content. Detecting these rogue devices in real ...

We designed and built a defense scheme which detects and blacklists a fake base station and then, informed by the detection, avoids it through link routing for connectivity availability.

False base stations execute attacks in the Radio Access Network (RAN) of cellular systems, adversely affecting the network or its users. To address this challenge, we propose a behavior rule specification ...

Fake base stations (FBS) -- also known as IMSI catchers and Stingrays -- can identify and track mobile phones and further intercept their communication. They masquerade as a network operator and trick ...

The invention discloses a method and a device for detecting an abnormal base station, a storage medium and electronic equipment.

Our experiments reveal the influencing factors of the success of fake base station attacks and detection, and provides nuances for performance that is missing from existing work.

Rogue base stations, also known as fake base stations, operate without authorization, often to perform malicious activities. They can disrupt communications, intercept data, or even ...



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