

Unauthorized connection to a communication base station

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An FBS is an unauthorized device an attacker uses to im-personate a legitimate BS within a cellular network. FBSes typically consist of a radio transceiver capable of broadcast-ing signals at legitimate ...

In Dubai, three hackers jammed a nearby cell tower, tricking mobile devices into connecting to a fake cellular station inside their van. This allowed them to intercept call and text metadata, and possibly ...

Using radio signals to track and locate a fake base station is a challenging process that requires an intensive deployment of specialized resources. It is hence natural that countries with no ...

Rogue base stations, also known as international mobile subscriber identity (IMSI) catchers, are devices that masquerade as cell phone towers, tricking cell phones within a certain radius into connecting to ...

The described embodiments relate generally to multiple access wireless communications using electronic devices, including systems and techniques for analyzing signaling messages from a base...

Fake base stations, or IMSI catchers, are increasingly used by state and criminal actors to spy, disrupt, or impersonate mobile users. This blog explores how they work, who deploys them, ...

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 ...

The flaw can be exploited by an attacker setting up a rogue base station, which masquerades as a legitimate cellular network. A victim"s device (referred to as User Equipment or ...

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