



Lord of the Things

The Things Network is building a global, open and crowdsourced Internet of Things data network which is owned and operated by its users. It is based on the technology called LoRaWAN which is perfect for the Internet of Things as it is low energy, long range and low bandwidth. Since the start in 2015, The Things Network has grown to a worldwide community, covering over 500 cities all over the world. So, how about security? The network is maintained collaboratively by a global community, not a company. As a result, heavy and expensive pentesting are difficult to realize. Therefore, a collaboration with Hack Talk started and hackers are invited to challenge the system.

The challenge

Thursday 9 November 12.00-17.00 a fully functional set-up will be available to you: a gateway, private server, network nodes and sensors. In fact, we will be providing two gateways: the one now used worldwide and a completely new one. You can bring any device to find vulnerabilities and will be asked to develop an attack scenario accordingly. The results will be presented publicly, 19.00-21.00 at Hack Talk.

Reward

Being a community, we don't offer price money or bug bounty. Winners will receive a Things Network Developers kit (containing a gateway, nodes and sensors), an awesome award and eternal fame for being a Lord of the Things. Three judges will decide who will be:

- Tech Lord of the Things, who has the most sophisticated hack
- Fearsome Lord of the Things, who has the most dangerous hack
- Wiz Lord, who, well, performs a hack that is pretty weird but works

Rules of engagement

We play by the rules of Responsible Disclosure. This means you don't:

- share your found vulnerabilities until they are fixed and report them to the judges only.
- mess up systems of others,
- build back doors or
- spill privacy sensitive data of others.

In turn, we promise to:

- fix software vulnerabilities within six weeks, hardware issues in 6 months,
- give you the credits as the discoverer of the vulnerabilities and
- won't bother you with NDA, lawsuits or other legal stuff.

In sum: be nice, let's hack, have an awesome event and make The Things Network safer.

Join us by sending an email to lord@hacktalk.nl or visit the show by getting a free ticket at worm.org