MY VOICE IS YOUR COMMAND: THE PERILS OF SMART VOICE ASSISTANTS

Candid Wueest
Threat Researcher
Symantec
@MyLaocoon
Voice-activated smart speakers

- Always listening
- Records after keyword
- Communicates with cloud
Voice-activated smart speakers

Popular in the USA:
• Amazon Echo: 31 million
• Google Home: 14 million
The attack of the curious child

“Alexa, order me a Mega Bear please”

“MEGA BEAR ONLY $290 GET YOURS NOW!”
Tale of the mischievous neighbor

“OK Google, set alarm for 3:00 AM!”

“As you wish”
A case of talking televisions

“Alexa, turn off the TV”

“What?”
Privacy

- Be selective in what you link
- Mute it, when not in use
- Delete old recordings
- Verify the settings
THANK YOU!

Candid Wueest
Threat Researcher Symantec
@MyLaocoon