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Although reverse engineering seems like something only hackers do it’s not the only purpose. It was created by other engineers that wanted to better the world and hackers just take advantage of it. The purpose for reverse engineering is for engineers to find bugs that can happen before they happen. Specifically for cloud based IT we can reverse engineer the process to see vulnerabilities in their process.

Let’s say for example code that is broken but we don’t know or understand why. Another method of debugging can be using reverse engineering to revise or understand bugs to be patched.

Lots of devices launch without ever having the ability to update or change, or the company is to lazy to change. Let’s take for example a normal windows computer for a secretary at a law firm. Odds are the secretary isn’t an IT genius and doesn’t keep her computer updated, you could argue it’s the IT team’s job but lets just say for sake the example it isn’t. So since she doesn’t update her computer she is vulnerable to any bugs that her current software as or has patched. For many windows computers lots of them even launch with older versions of software that have patches that need to be updated.

Reverse engineering paves the way for new technology by having the ability to check security flaws.