In August 2016, the United States government announced a new federal source-code policy, which mandates that at least 20% of custom source code developed by or for any agency of the federal government must be released as open-source software (OSS). The memo of this policy also states that the Federal Government spends more than $6 billion each year on software through more than 42,000 transactions. Obviously, this is a huge business for all open-source developers. The question is how can you get the business from the Federal Government? The answer is FIPS.

Federal Information Processing Standards (FIPS) are standards and guidelines for federal computer systems that are developed by National Institute of Standards and Technology (NIST). Certain federal-related applications are required to be FIPS compliant, and many non-government organizations also follow FIPS standards. Ubuntu Pro provides you with cryptographic packages that are tested and attested by atsec Information Security, a NIST accredited laboratory. And Google automatically encrypts traffic between VMs that travels between Google data centers using FIPS 140-2 validated encryption. Your workloads can easily be FIPS compliant if you properly deploy your workloads on Ubuntu Pro in Google Cloud. Ubuntu 18.04 Pro offers you two FIPS options: FIPS and FIPS-updates. Let’s SSH into your Ubuntu Pro virtual machine. If you haven’t yet upgraded your Ubuntu LTS to Ubuntu Pro, please follow this tutorial. In less than One Minute, you will be able to get your Ubuntu Pro machine without losing any of your mission-critical workloads.
Also: [History of Open Source Identity Management (part 2)](http://www.tuxmachines.org/node/158245)

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