Ask someone in the networking community, "What is a source address?", and they will probably shrug because the answer seems obvious. However, the question is by no means trivial. A closer inspection reveals source addresses are severely overloaded and this can cause problems.

In this talk, we (1) identify five distinct roles currently played by a single source address, (2) describe some problems created by this ambiguity, and (3) present the design and evaluation of a network architecture that solves one of these problems: the tussle between accountability and privacy.

Source Addresses: Can’t Live with Them, Can’t Live without Them