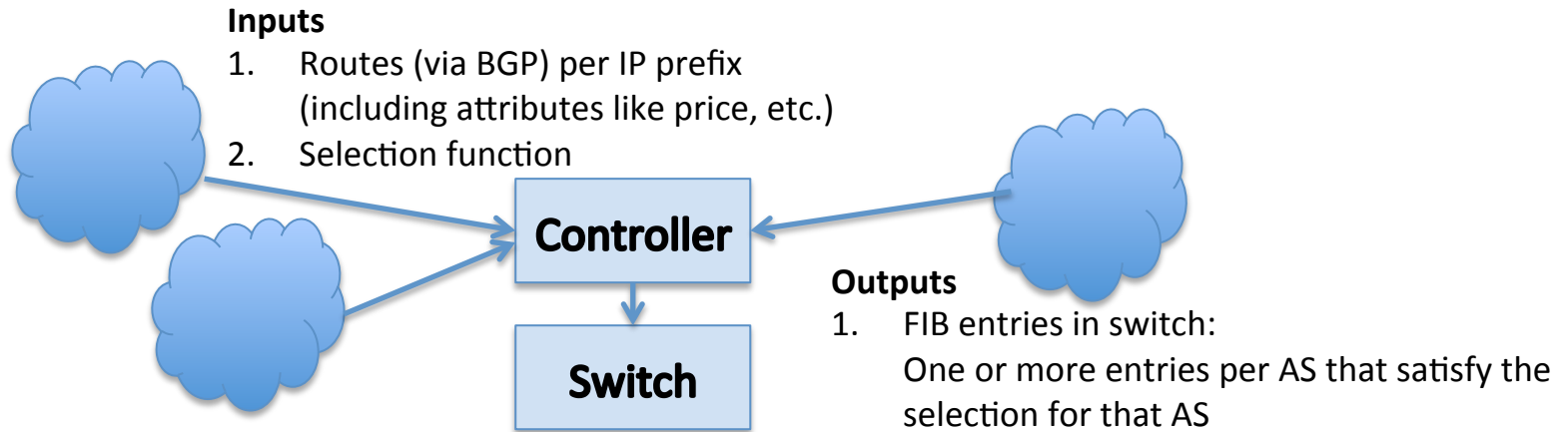


A Preliminary SDX: One Switch, One Controller



- **Step 1:** Controller at exchange receives
 - BGP routes from all ASes at the exchange
 - Auxiliary information
 - Pricing
 - Alerts for prefixes that may be subject to hijack (and alleged perpetrators)
- **Step 2:** Participant at exchange runs a function that executes at the controller to select route