

Virtual network in Virtualbox

The diagram illustrates a virtual network configuration within a Virtualbox environment. A dashed box labeled "Internal network 'datanet'" encloses the following components:

- Kali-Linux Desktop:** Represented by a monitor icon. It has a network interface `enp0s8` with IP address `192.168.1.100`.
- Virtual switch:** A central box with two horizontal arrows (one pointing right, one pointing left) representing switching functionality. It is connected to the Kali-Linux Desktop and the Ubuntu Server/Router.
- Ubuntu Server/Router:** Represented by a server rack icon. It has a network interface `enp0s8` with IP address `192.168.1.1`. Above it, the text "Ubuntu Server/Router", "IP-forwarding/NAT", and "Netflow collection" is listed.

Outside the "datanet" box, the setup continues:

- The Ubuntu Server/Router is connected to another network interface `enp0s3` on the same server.
- This interface is connected to a box labeled "Vbox N" with "with DH" below it, representing the host's network interface.

Ellipses (...) are used to indicate multiple other virtual machines connected to the Virtual switch.

