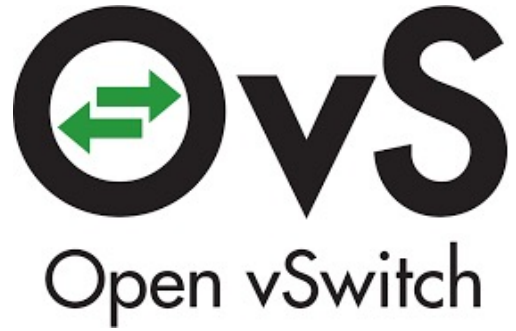


Usman S. Ansari
Staff Engineer VMware

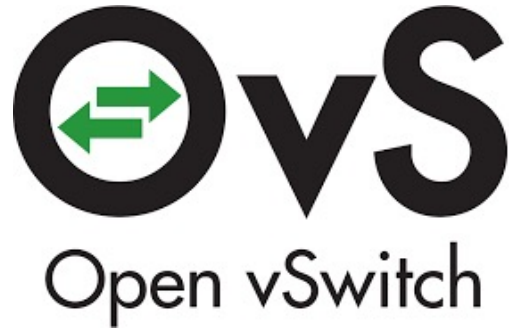




User path on Windows

- Linux and Windows shares the same code for most part
- OVS user space test

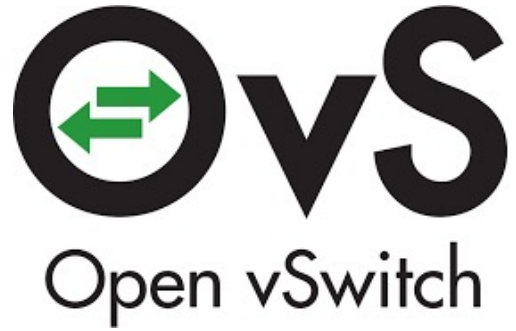




OVS functionality available on Windows

- See complete list
<https://docs.openvswitch.org/en/latest/faq/releases/>

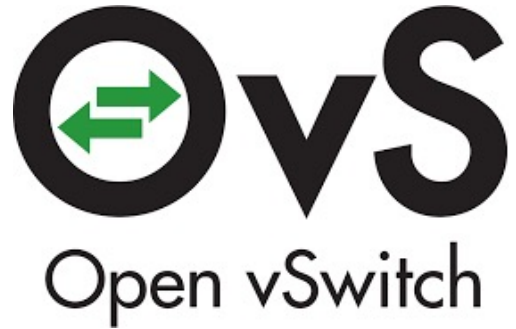




Kernel path on Windows

- Windows Open vSwitch as Hyper-V Virtual switch extension

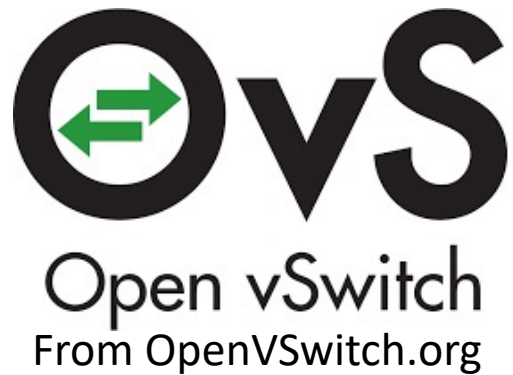




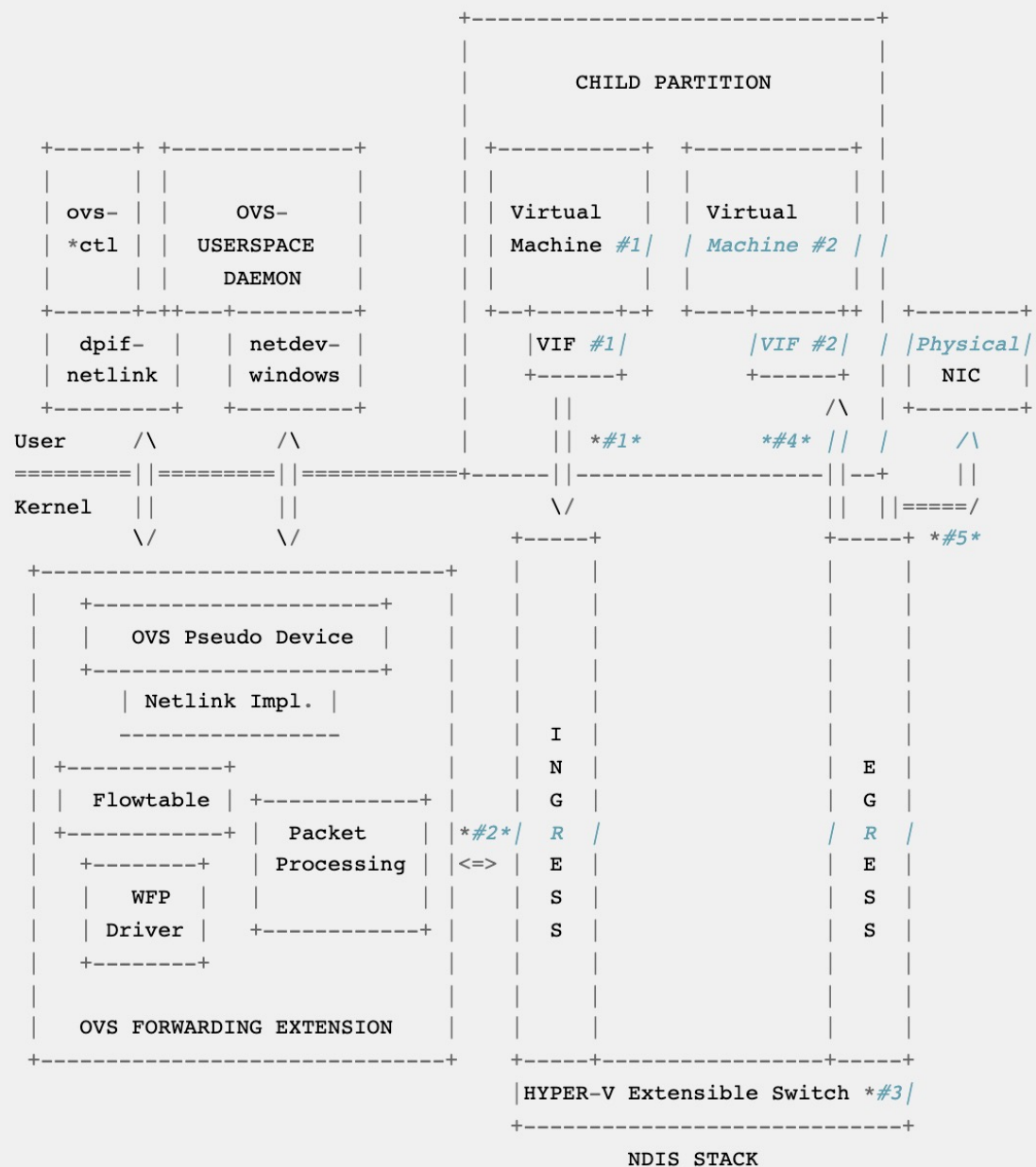
Windows support

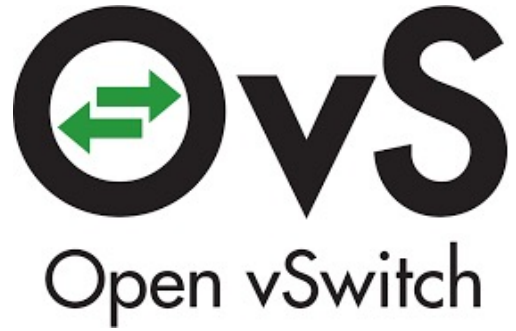
- Emulation of netlink sockets is in `lib/netlink-socket.c`
- Windows netdev implementation is available in `lib/netdev-provider.h`
- Data-path extension is defined in `datapath-windows/include/OvsDpInterfaceExt.h`
- The kernel data-path on Hyper-V is provided in `datapath-windows/include/OvsDpInterface.h`
- Windows specific extensions are defined in `datapath-windows/include/OvsDpInterfaceExt.h`





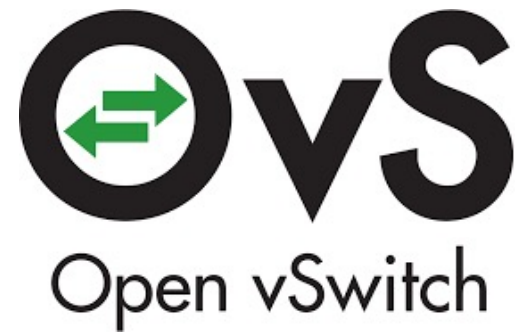
Various blocks of the OVS Windows implementation





The data-path of Windows OVS on Hyper-V implements

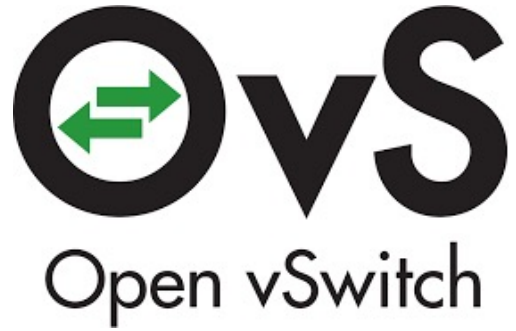




Callbacks

- Switch
- Ports





I hope I have been able to generate interest in Open vSwitch on Windows

I am looking forward to work on some of the features!

Thanks!

