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# Management utilities

1. `dpdkinfo` — receive diagnostic data from SFP modules. Parameters:

- `-h` - help
- `module_eeeprom` - SFP module optical diagnostics information (if supported by the module).

2. `bpctl_util` — manual bypass control. DPI controls bypass independently, but manual bypass control is performed by this utility if necessary:

- `get_bypass` - get bypass status
- `set_bypass on` - activate bypass
- `set_bypass off` - deactivate bypass

3. `driverctl` — DPDK management. Parameters:

- `list-overrides` - check the list of cards in DPDK mode
- `unset-override 0000:04:00.0` - exit the card from the DPDK mode  
**The fastDPI process must first be stopped with the command `service fastdpi stop`!**
- `-v set-override 0000:04:00.0 vfio-pci` - return the cards back under DPDK control after working with the standard driver  
**When switching cards to DPDK mode, be careful not to accidentally switch the server control interface to DPDK mode - communication with the server will be immediately interrupted!**



Configuring DPDK in Hyper-V is described in detail in the appropriate [section](#).

4. `checklock` — check if an address or port is blacklisted.

Example of a port check:

```
checklock 41:00.0
```

5. `checkproto` — check if the address or port is included in the custom protocol.

Example of a port check:

```
checkproto 41:00.0
```