

Содержание

management utilities 3

management utilities

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

- `-h` - help
- `module_eeprom` - 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
```