



## **Appendix - Install Legacy SPDK**

To build SPDK-19.04 for SNAP integration:

1. Cherry-pick a critical fix for SPDK shared libraries installation (originally applied on upstream only since v19.07).

```
[spdk.git] git cherry-pick cb0c0509
```

2. Configure SPDK:

```
[spdk.git] git submodule update --init
[spdk.git] ./configure --prefix=/opt/mellanox/spdk --disable-
tests --without-crypto --without-fio --with-vhost --without-
pmdk --without-rbd --with-rdma --with-shared --with-iscsi-
initiator --without-vtune
[spdk.git] sed -i -e
's/CONFIG_RTE_BUILD_SHARED_LIB=n/CONFIG_RTE_BUILD_SHARED_LIB=y
dpdk/build/.config
```

### **Note**

The flags `--prefix`, `--with-rdma`, and `--with-shared` are mandatory.

3. Make SPDK (and DPDK libraries):

```
[spdk.git] make && make install
[spdk.git] cp dpdk/build/lib/* /opt/mellanox/spdk/lib/
```

```
[spdk.git] cp dpdk/build/include/*  
/opt/mellanox/spdk/include/
```

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