



NVMe-oF Redfish Data Model using Fabric Model

Ver. 2.3
April 2020

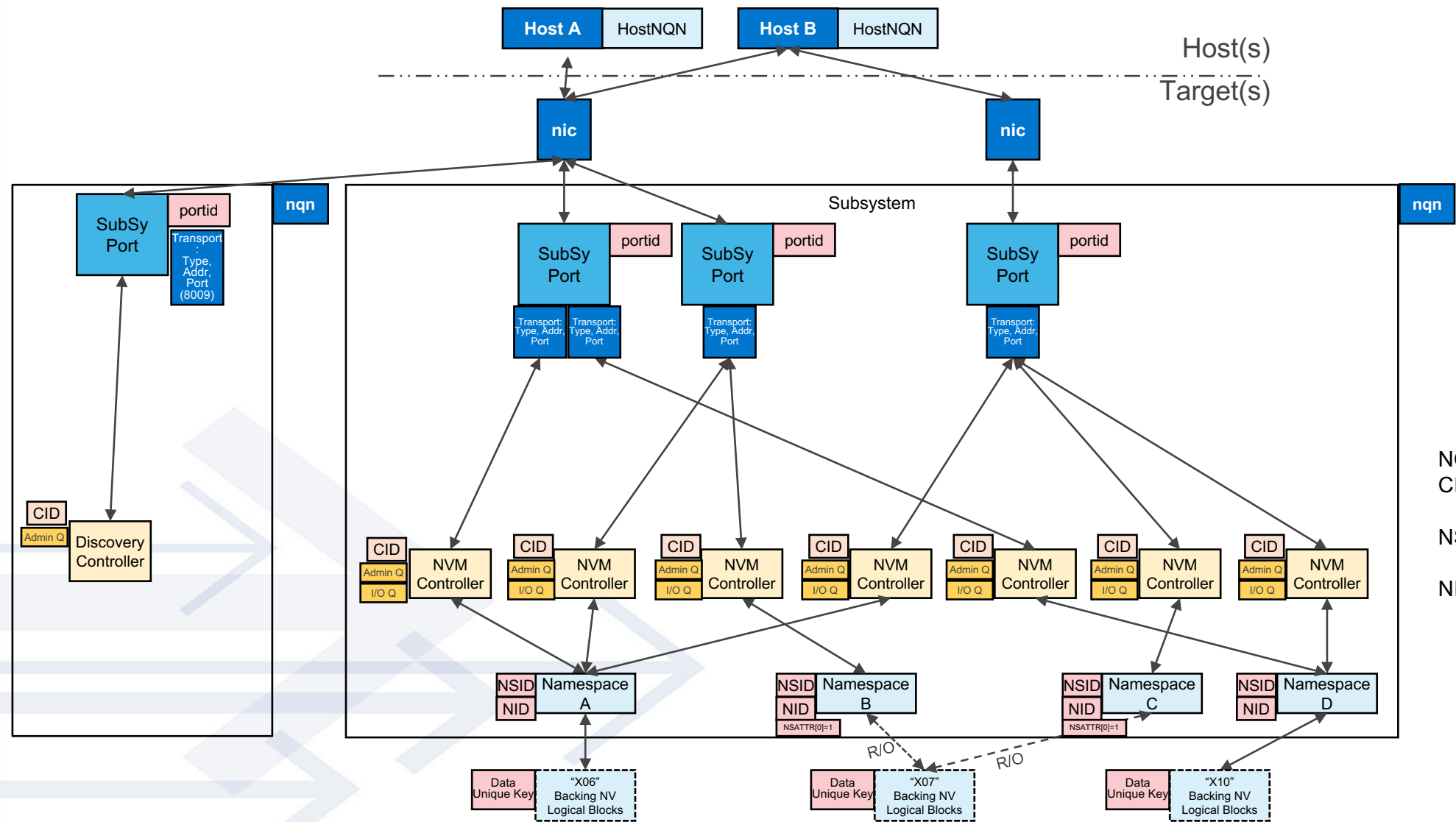


Information & Disclaimer

- The information in this presentation represents a snapshot of work in progress within the DMTF.
- This information is subject to change. The Standard Specifications remain the normative reference for all information.
- DMTF Specifications in progress are considered DMTF confidential and are being shown under existing work register agreements.
- Documents cannot be shared outside of the DMTF work group. The documents may be posted on the WG site, but not otherwise distributed without DMTF Board approval.
- Non-member comments, feedback and submissions are subject to the DMTF Patent Policy statement

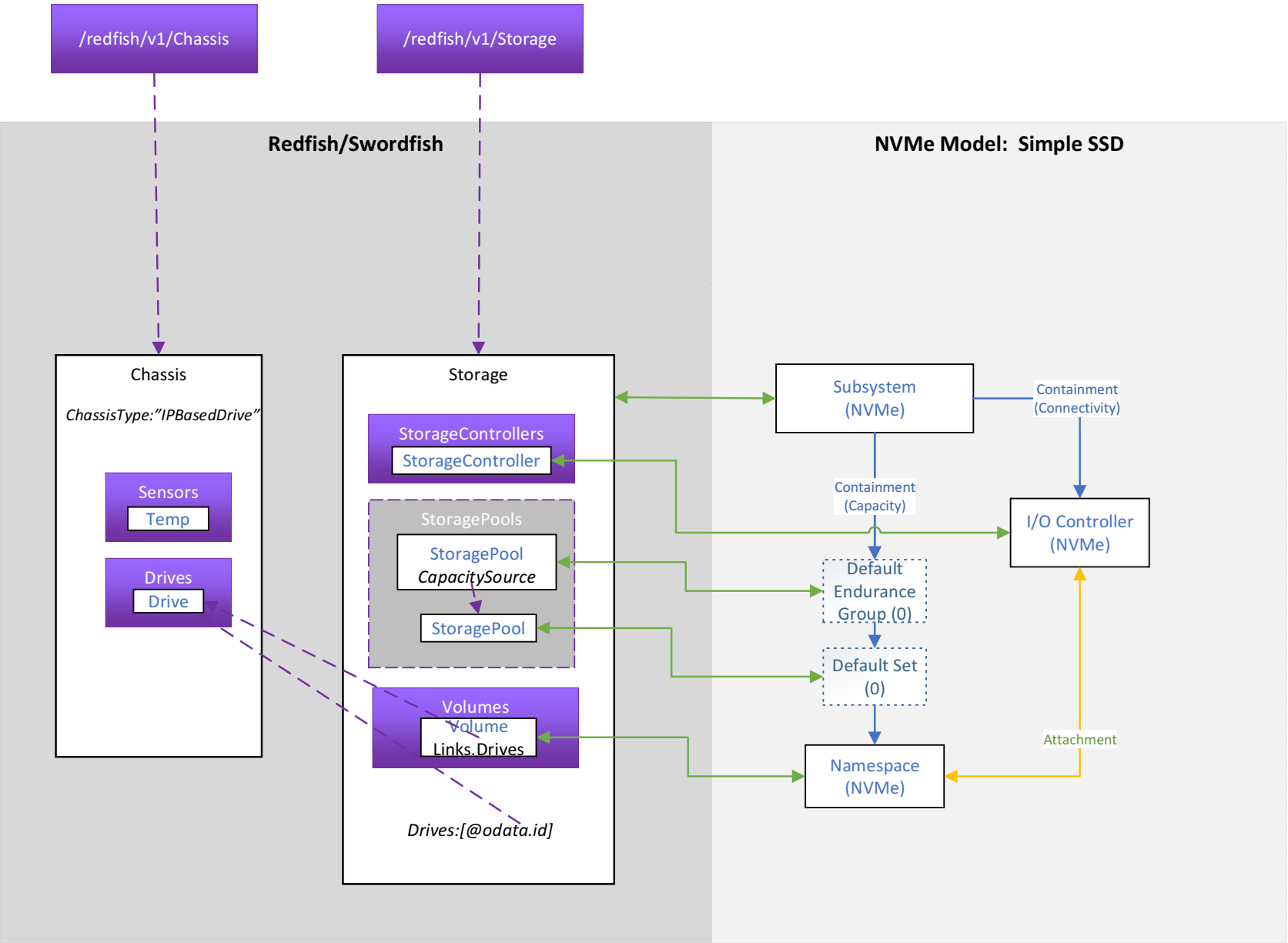


NVMe Target Path Topology

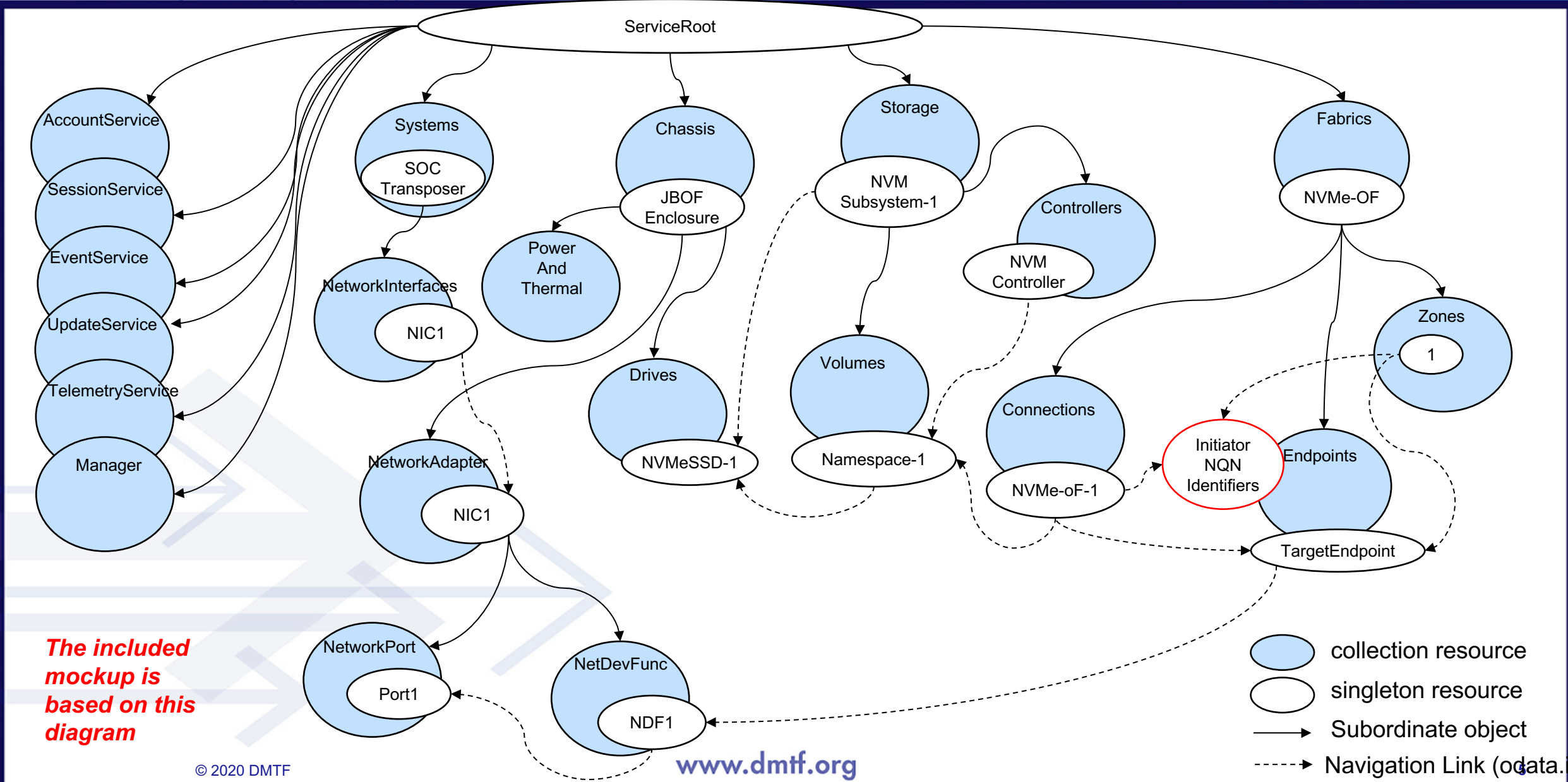


NQN – NVMe Qualified Name
CID – Controller ID
- numbered within NVM Subsystem
NSID – Namespace ID
- Index within NVM Subsystem
NID – Namespace Identifier
- GUID – EUI Format (typically)

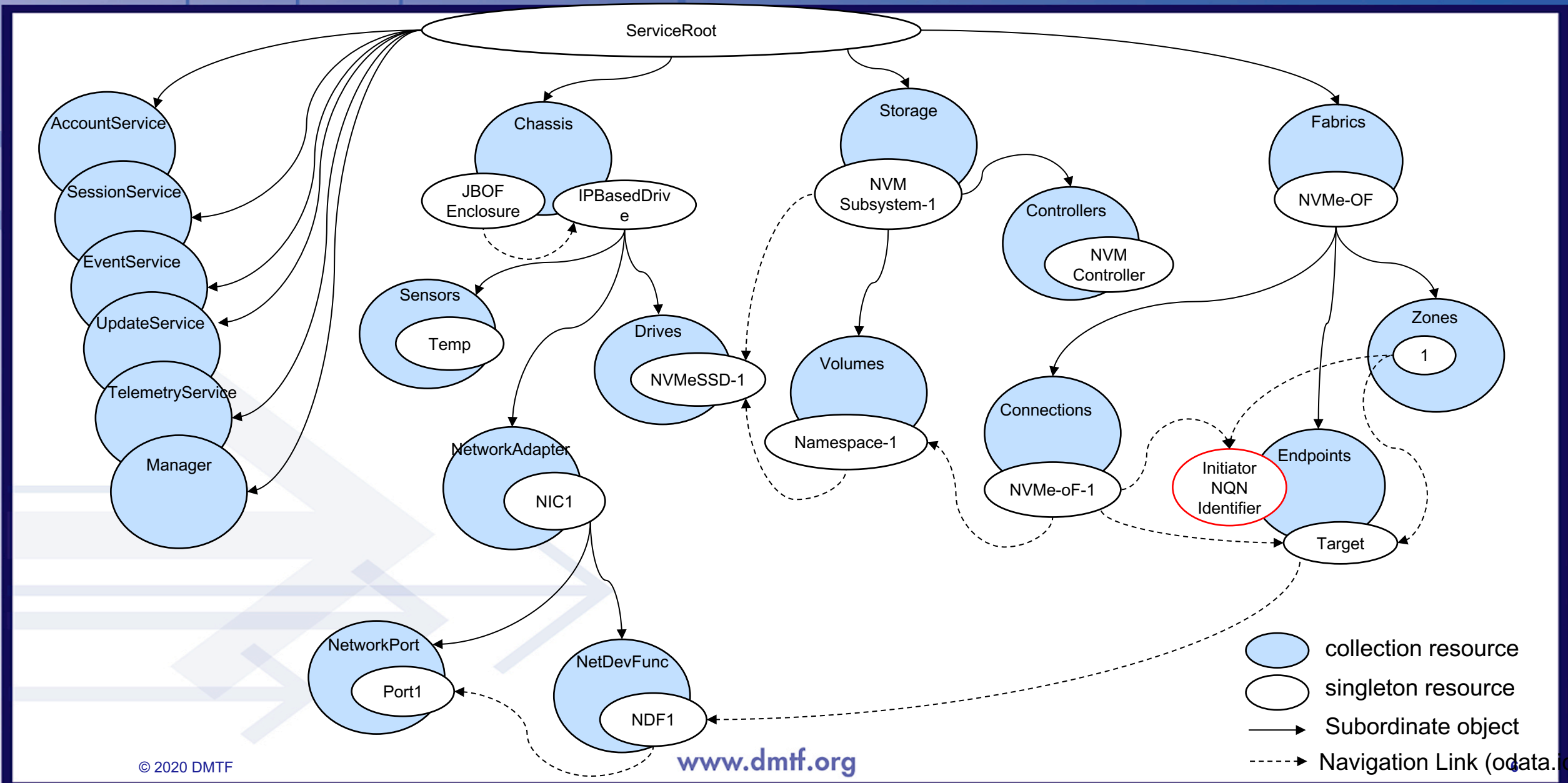
NVMe to Redfish/Swordfish Map



NVMe-oF Fabric attached JBOF (SOC with 1 PCIeSSD)



NVMe-oF Fabric attached JBOF (eBOF with 1 eSSD)



NVMe-oF Volume Assignment to Host Initiator

