

STORAGE DEVELOPER CONFERENCE



Fremont, CA
September 12-15, 2022

BY Developers FOR Developers

A **SNIA** Event

Advances in Storage Fabric Management:

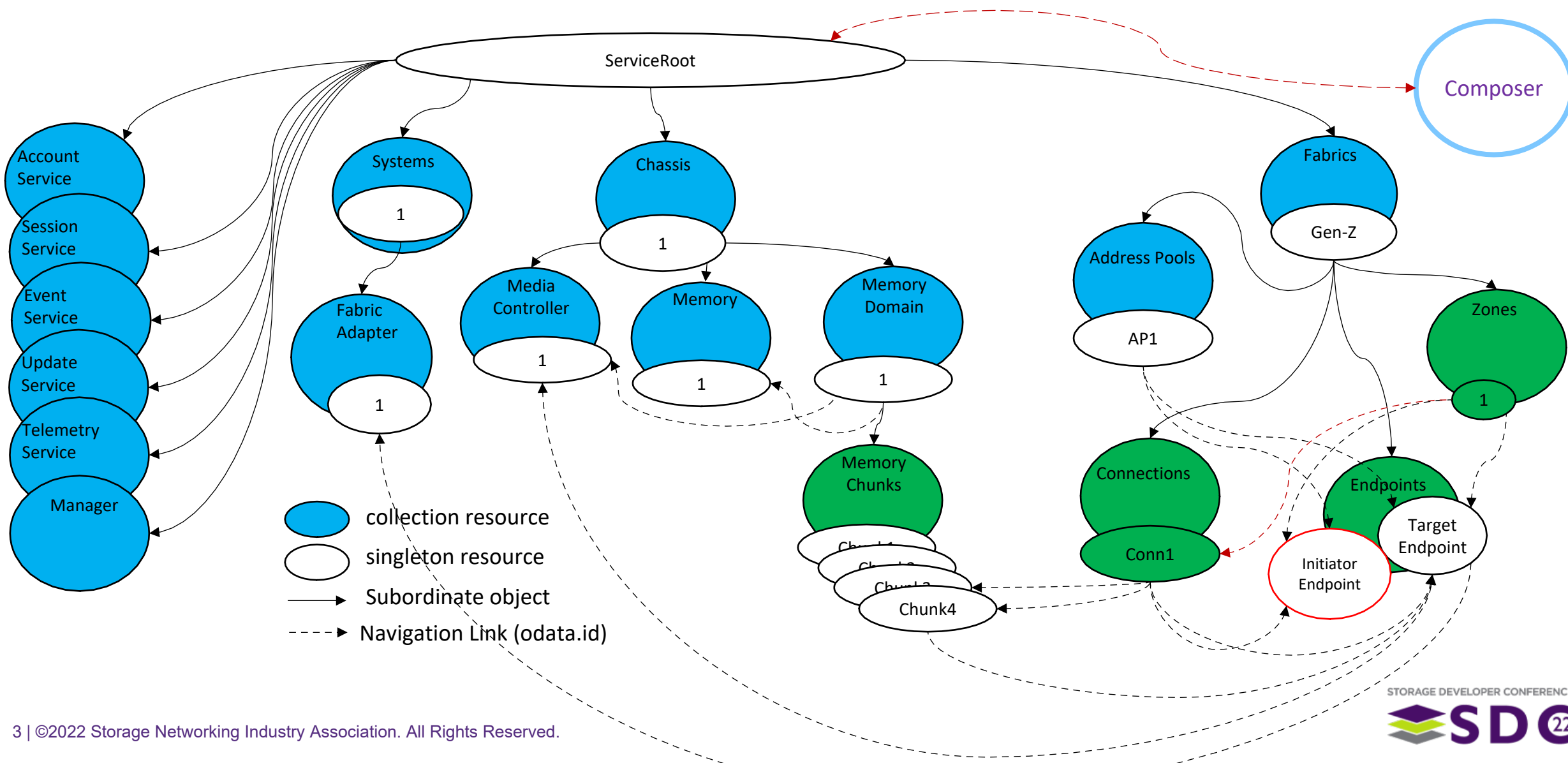
Manage Across Multiple Fabrics using Standards-based Interfaces

Presented by Michael Aguilar, Chair, OFA OFMF-WG

Agenda

- Current Network Fabric Challenges
- OpenFabrics Management Framework Working Group
 - Objective
 - Participants
 - Current Work
- Proof-of-Concept Demonstration

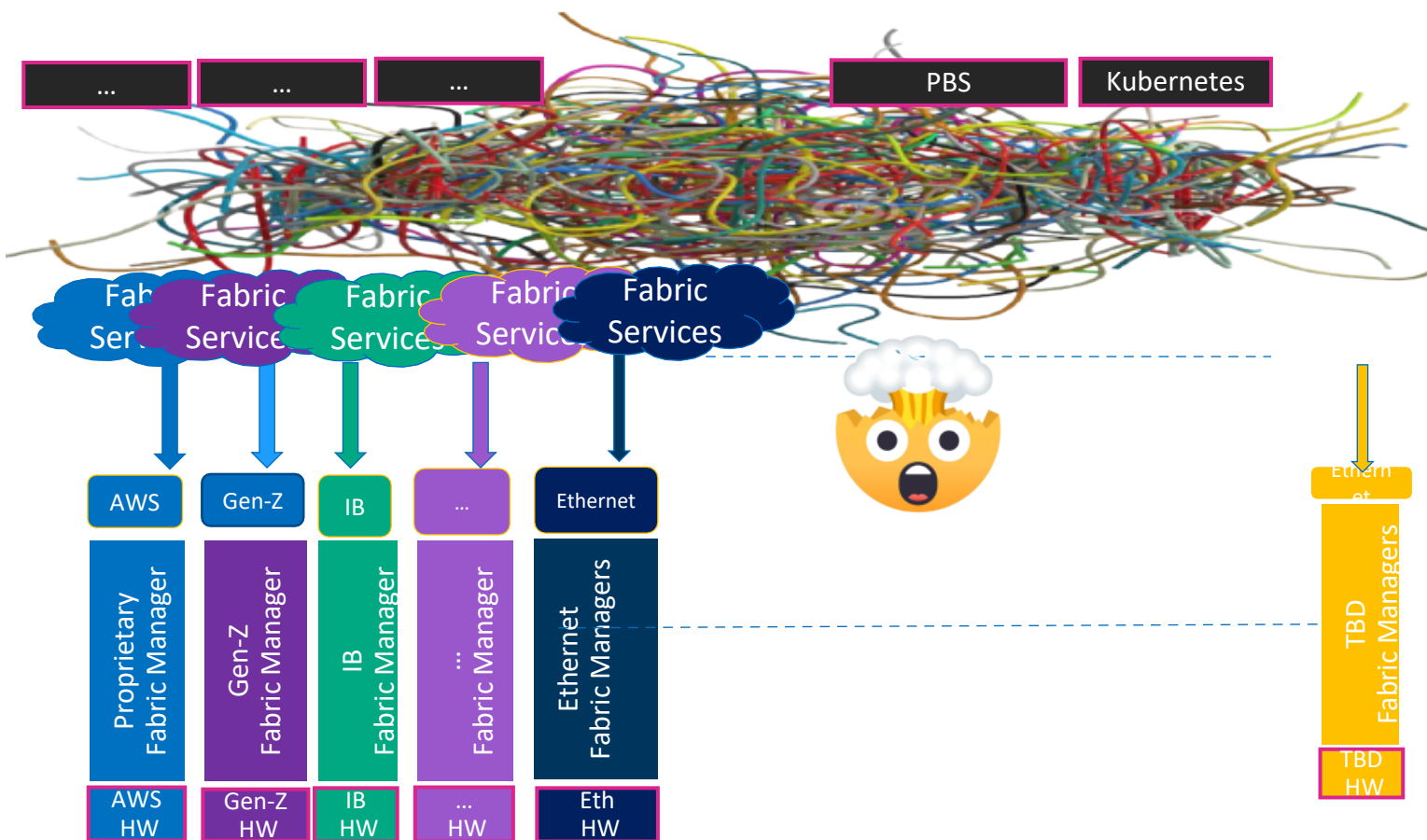
OpenFabrics Management Framework Working Group



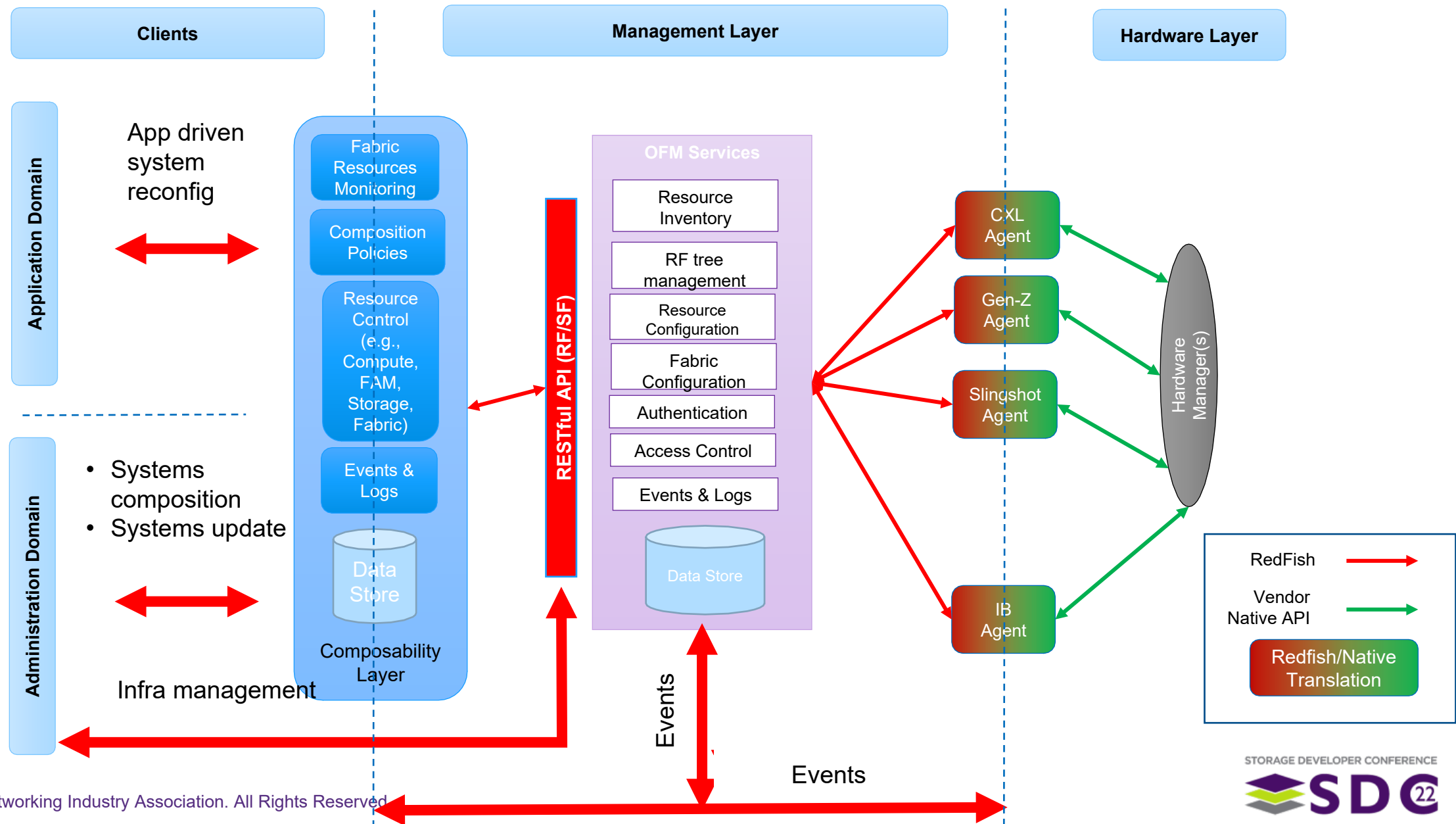
Current Network Fabric Challenges

Administrative Management Challenges

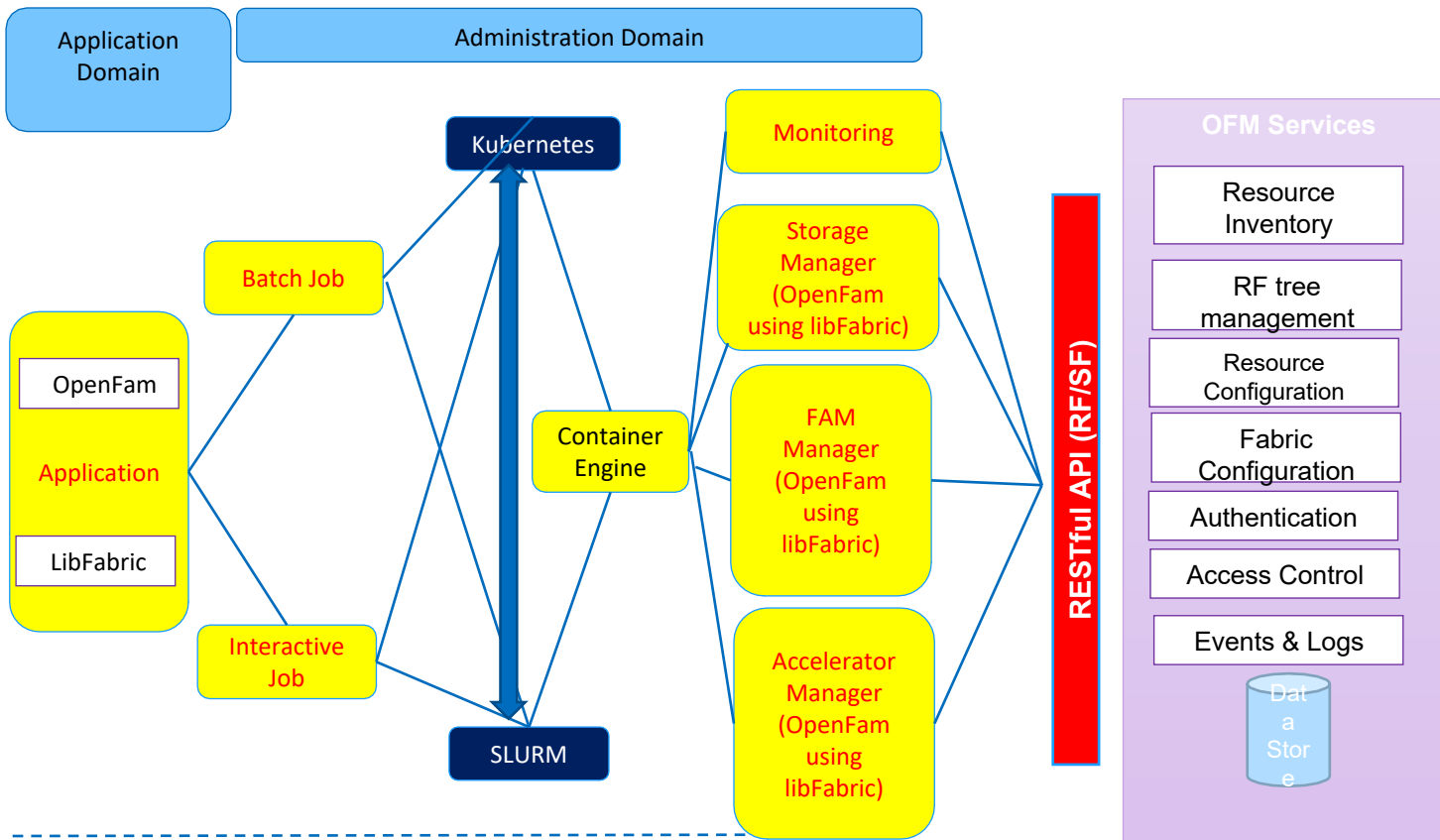
- No common fabric manager interface or fabric model available to link applications with remote resources
- Workload management and optimization is different for each type of fabric
- Administrators are being asked to manage an increasing heterogeneous fabrics infrastructure, each with its own management standard and model



OpenFabrics Management Framework Working Group---Objective



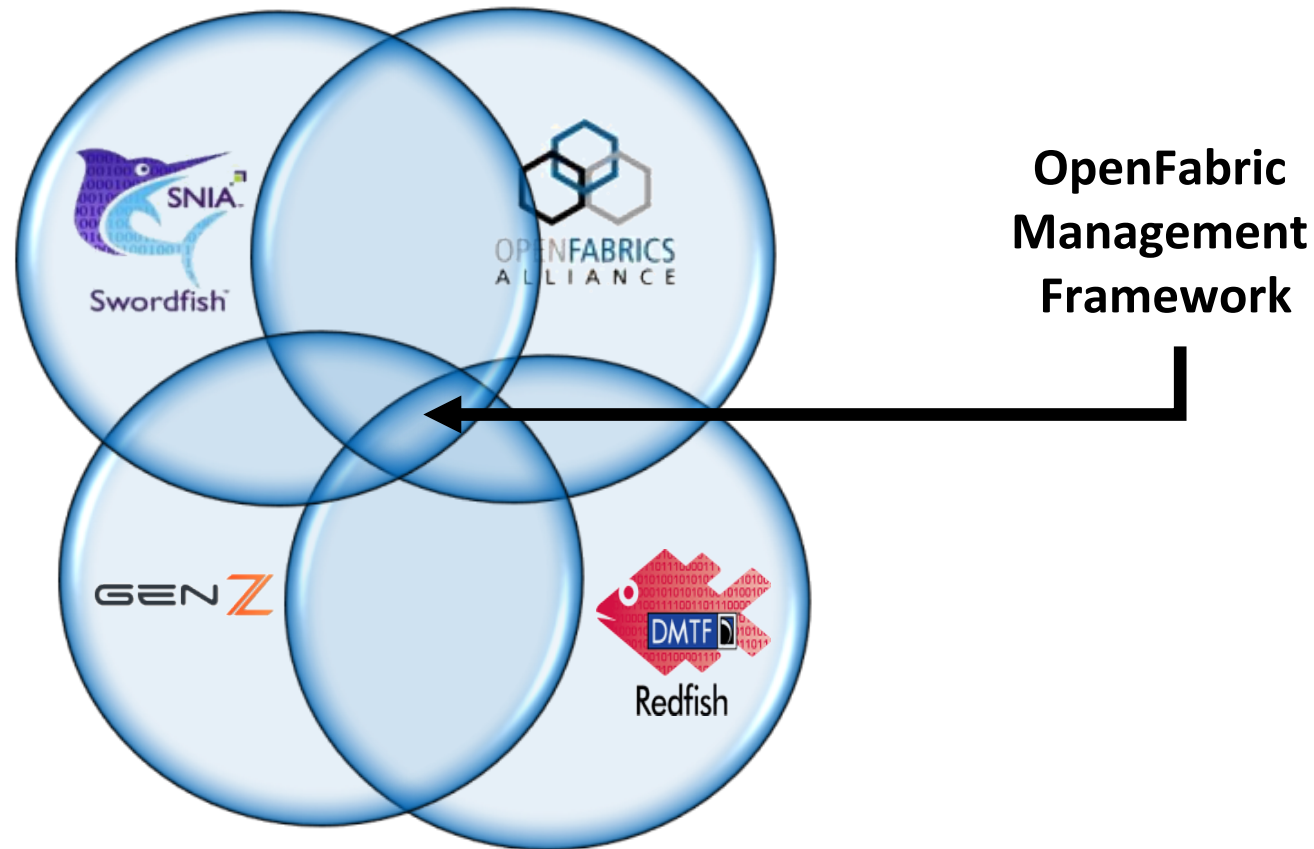
OpenFabrics Management Framework Working Group---Objective



OpenFabrics Management Framework Working Group---Participants



OpenFabrics Management Framework Working Group---Participants



OpenFabrics Management Framework Working Group---Current Work

- Gen-Z: SC21 and SC22 Proof-of-Concept Demonstrations
- CXL Consortium: SC22 Proof-of-Concept Demonstrations

- Code is checked into:

[Open Fabrics Alliance: Open Fabrics Management Framework · GitHub](#)

Proof-of-Concept Demonstration



Section Title

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Light Slide Title

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 - Bullets 3
 - Bullets 4
 - Bullets 5

Dark Slide Title

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 - Bullets 2
 - Bullets 3
 - Bullets 4
 - Bullets 5



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