
Excerpt from “**Fundamentals of CMDB Design v0.1**”

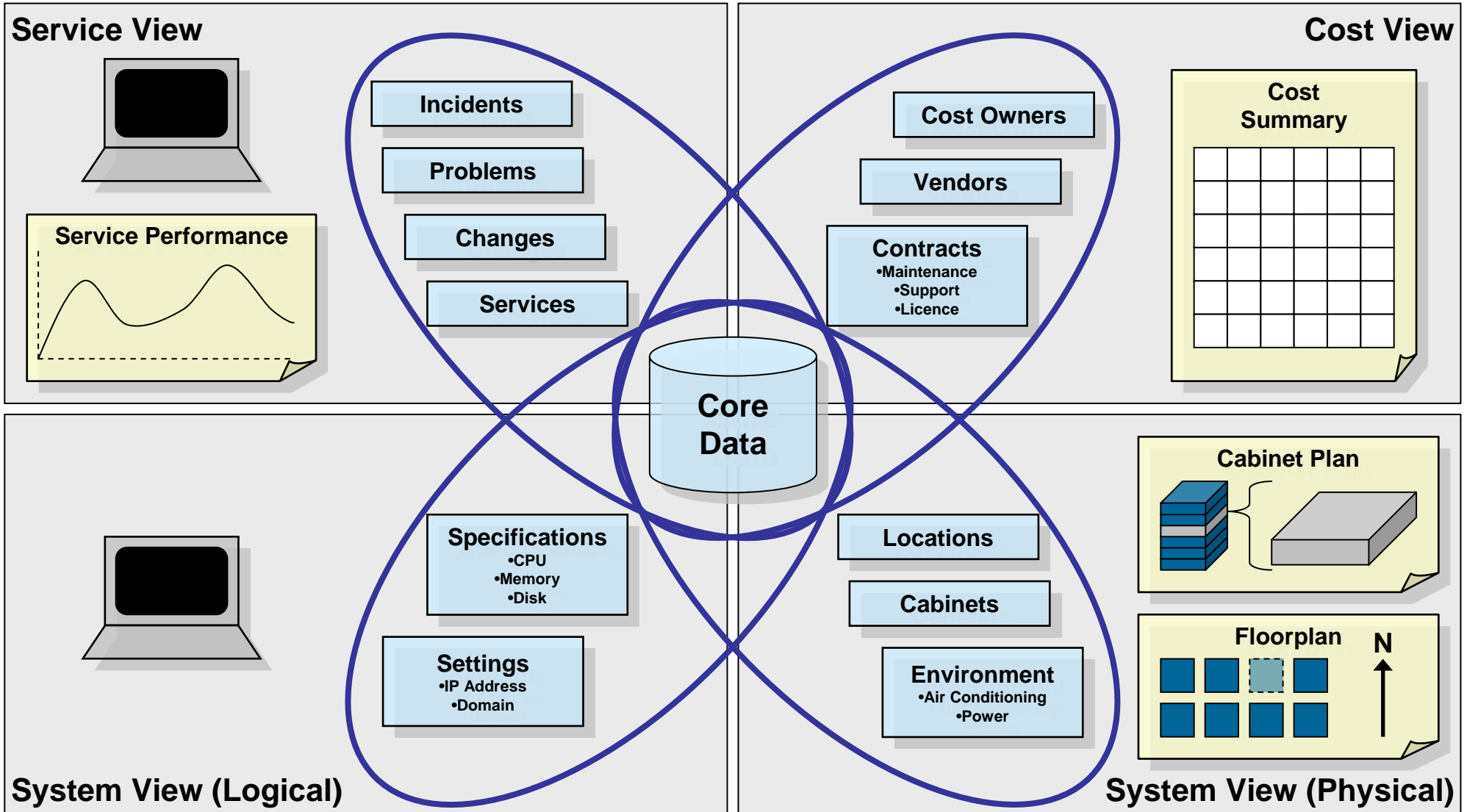
An overview of Data Structures for a Service Oriented CMDB

February 2007

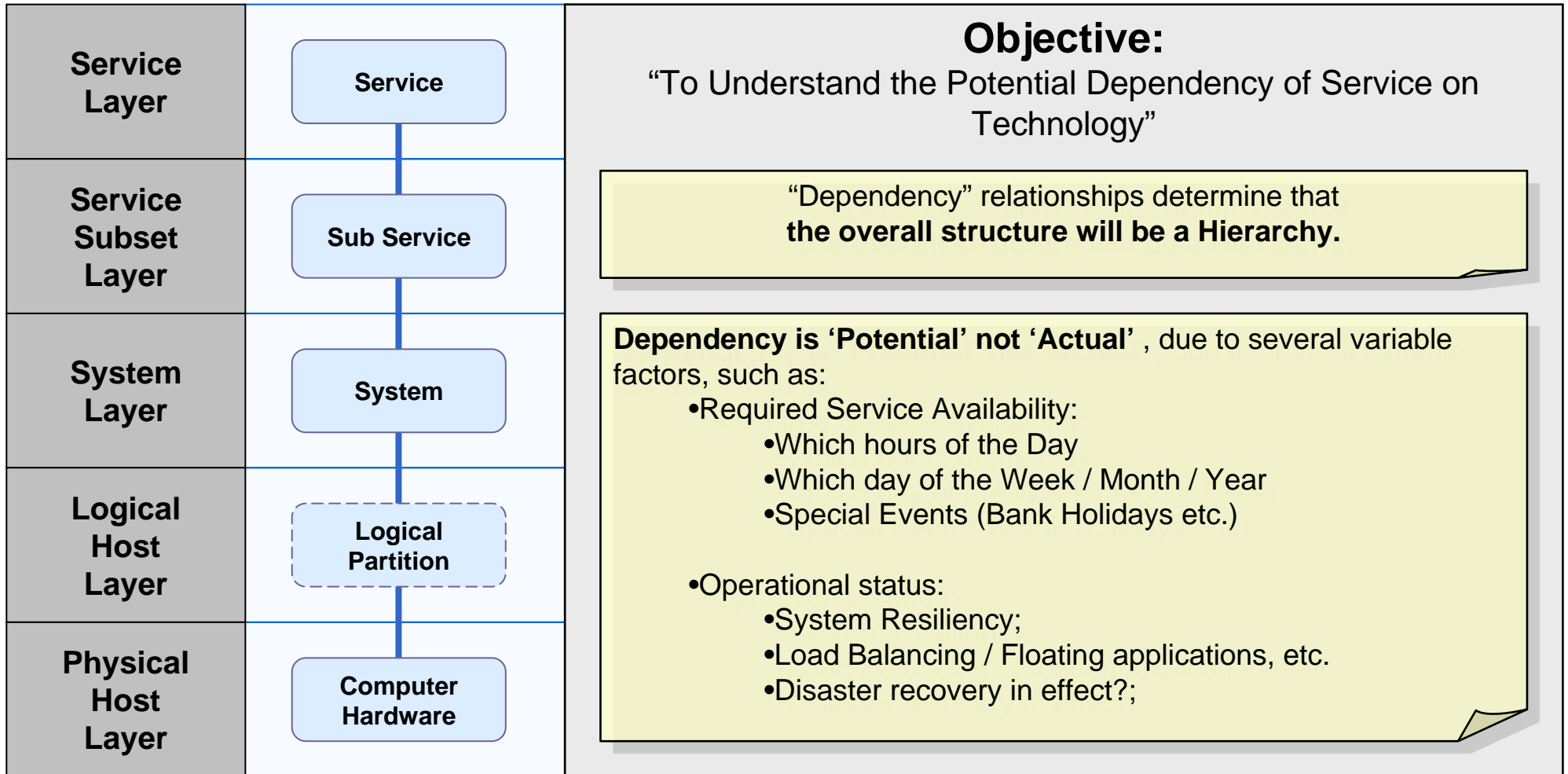
Prepared By:

Harvey Davison

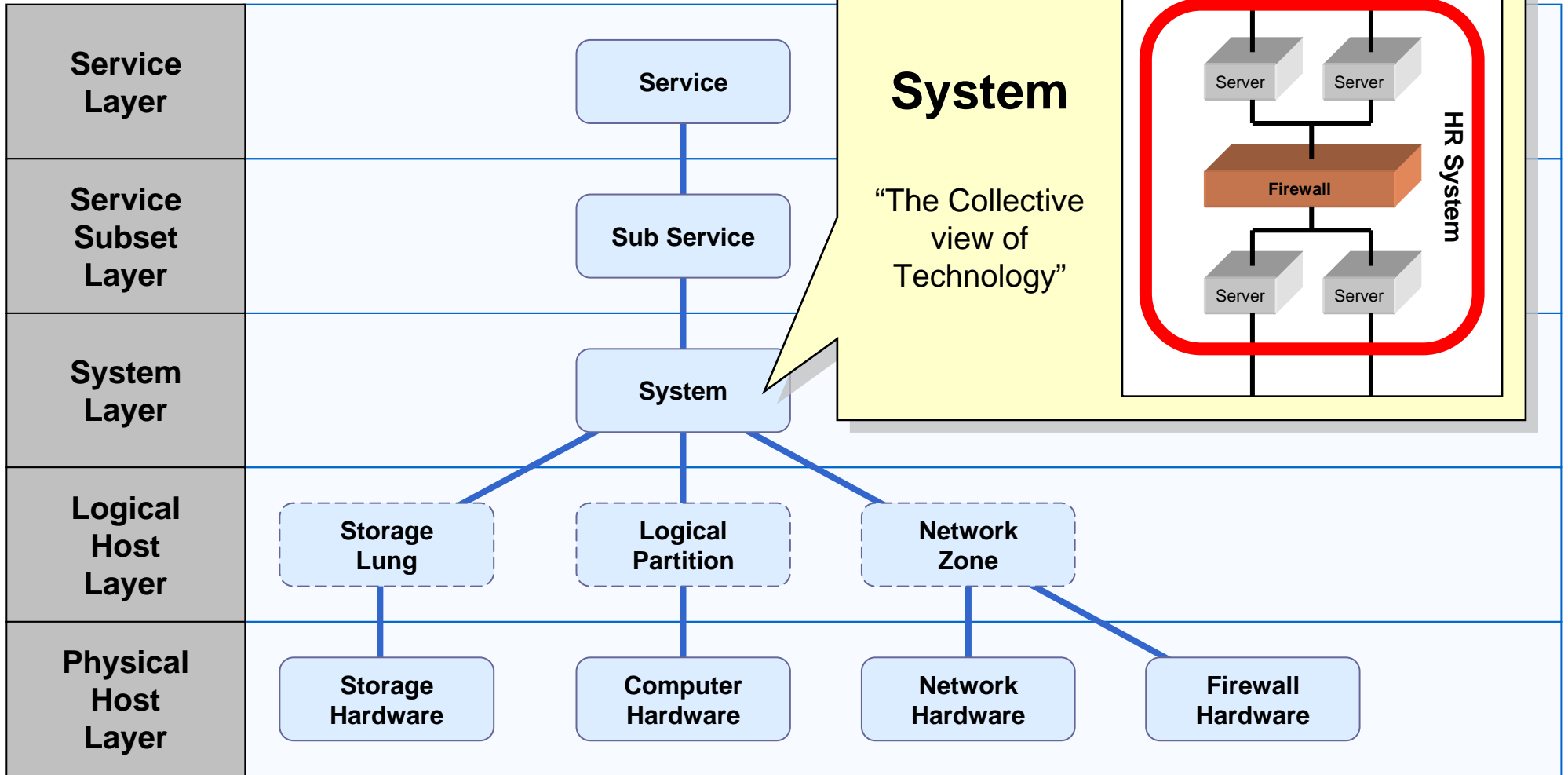
The Differing Requirement for Data and Interfaces



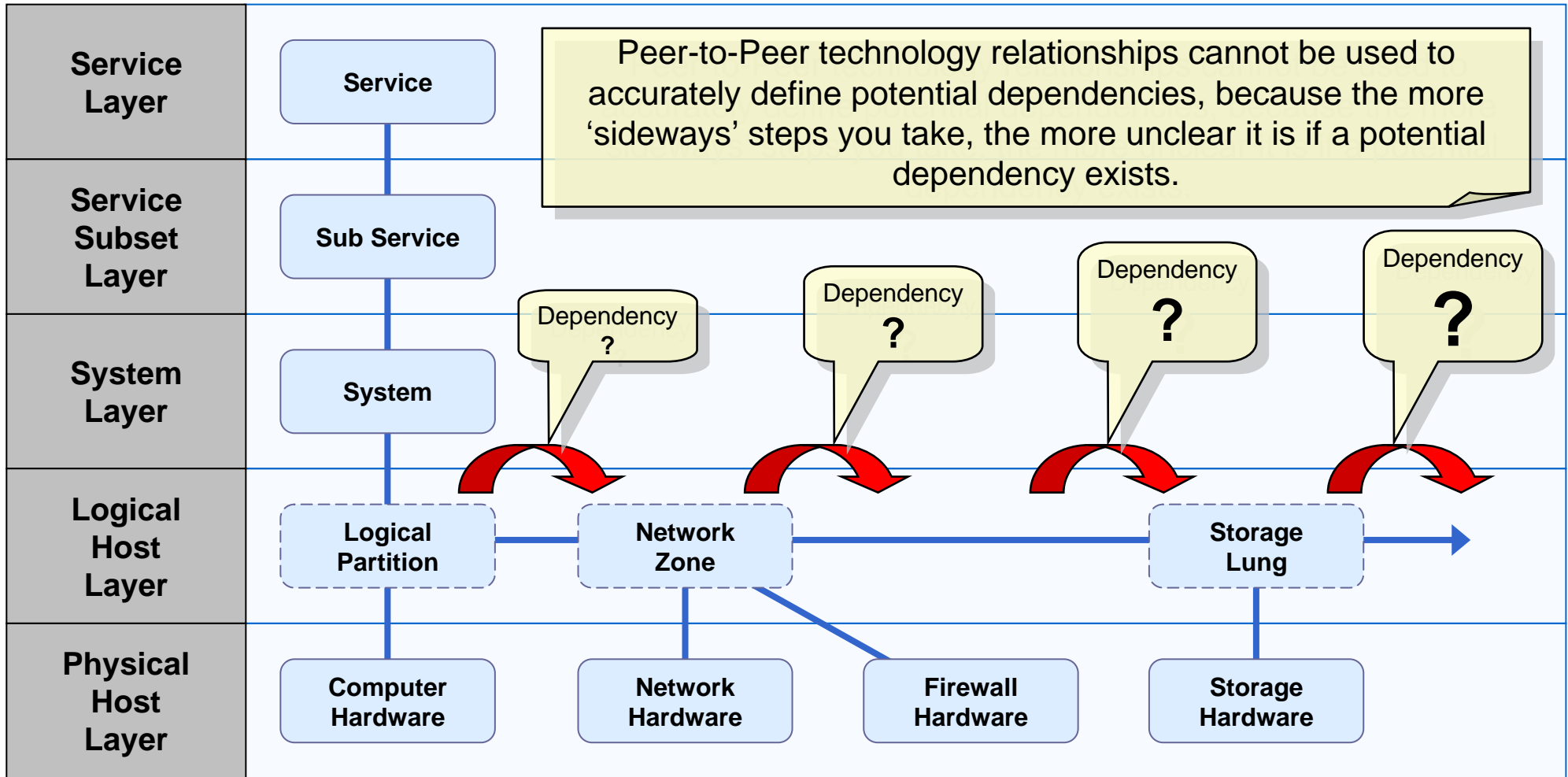
CI Types & Structure - Start Simple with a 'A Hierarchy of Computers & Services'

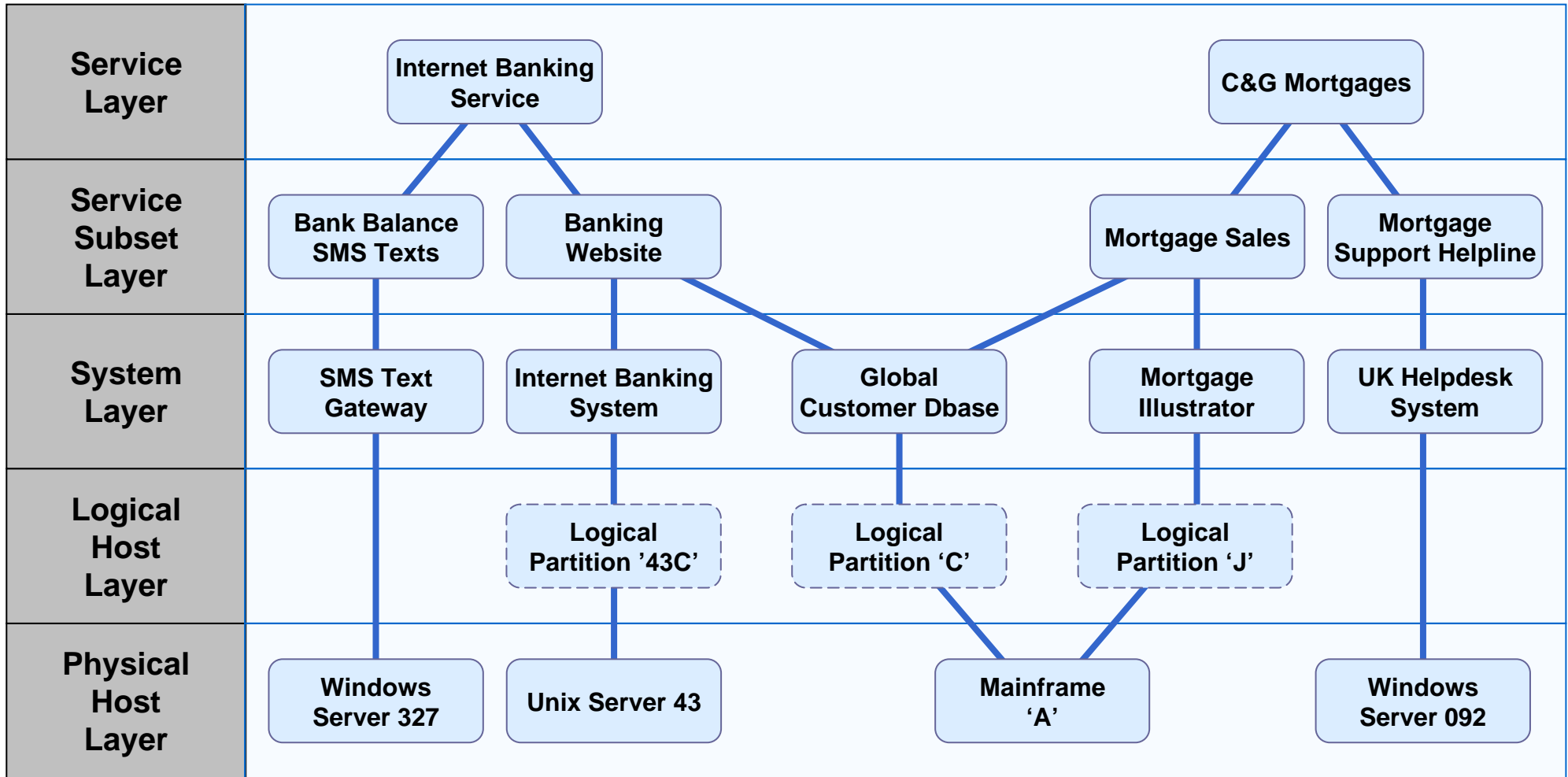


CI Types & Structure – Adding More Item types

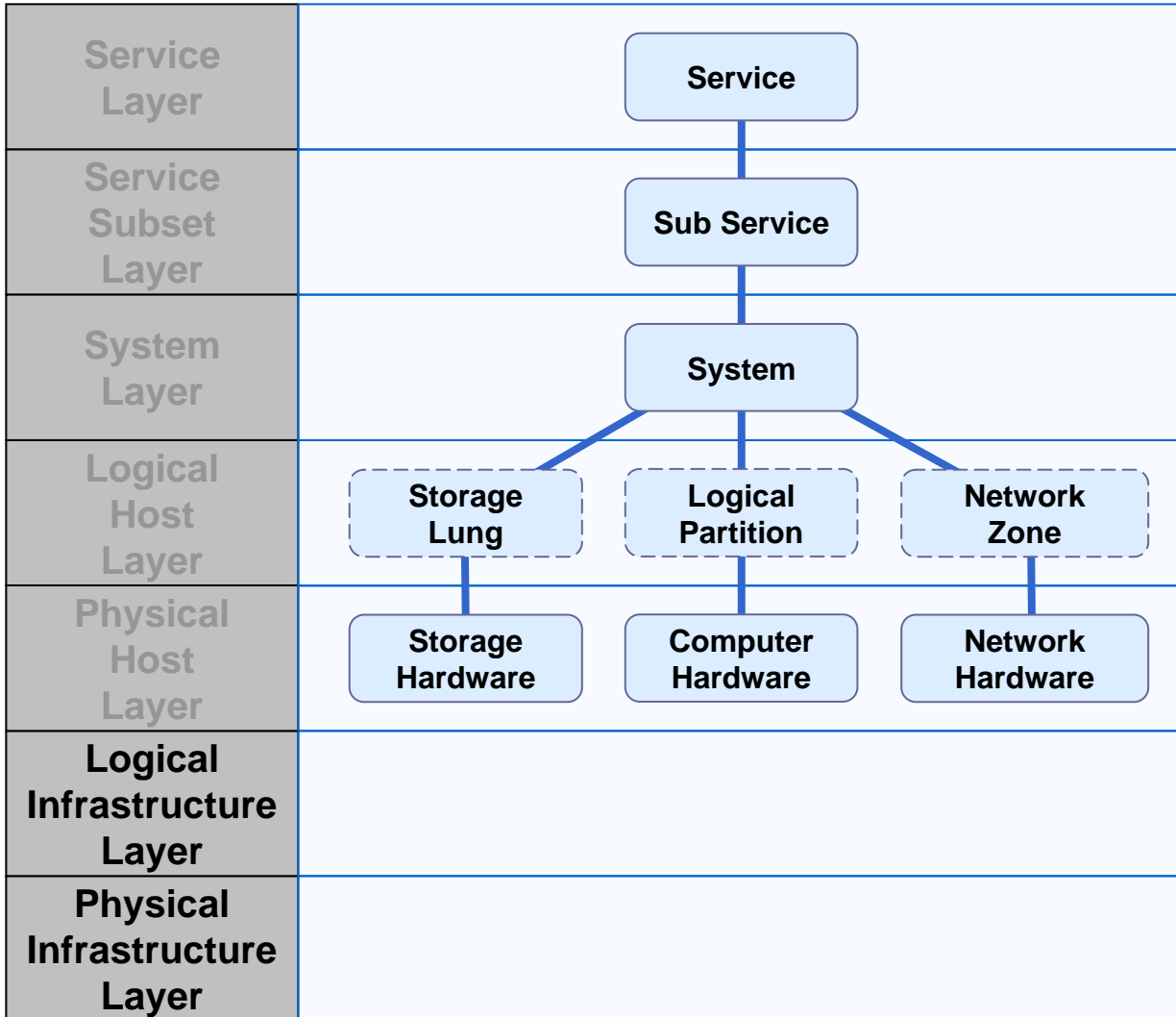


Peer-to-Peer Technology Relationships – Why they cannot be used for to understand Service Dependency



Structure Example – Some Centralized LTSB Infrastructure


An example of Expanded Structure – A ‘Computer-Centric’ model



The Pros

- May be more conducive to your auto-discovered data;
- In addition to the Service Management dependency hierarchy, this also provides a limited ‘computer centric’ system management’ view – i.e. some technology-to-technology relationships, but only those relating to computers;

The Cons

- Greater complexity may confuse users;
- Harder to see the ‘big picture’ since the structure now covers a greater area;
- Requires more user navigation;
- Computer & LPAR mappings up to system become a single point of failure.