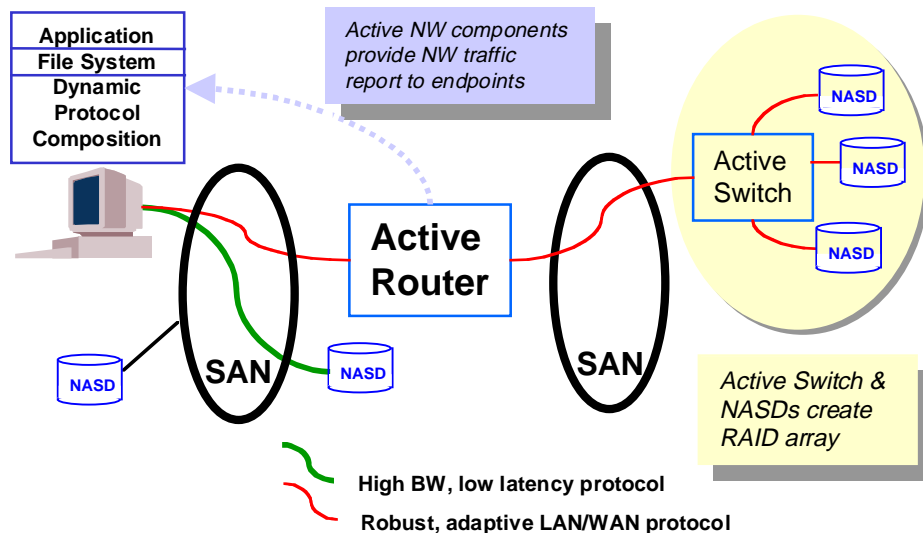


Active Storage Networks



New Ideas

- Endow Active Networks with programming & security models that efficiently support storage delivery
- Dynamically composed & adaptive storage access protocols
- Adaptive caching, replication, selection and routing of storage objects
- Embed network-based storage functionality (e.g., RAID, Striping) in Active Network components

Impact

- Deliver efficient and scalable integration mechanisms for 21st Century networking and storage technologies
- Order of magnitude improvement in network storage delivery performance
 - Storage/network supports 10X more clients
 - Adaptive services increase effective bandwidth
- Network-embedded storage services, such as storage management & caching/replication, enable network-attached storage evolution independent of client operating system

Schedule

