SBA Powers SAP HANA Migration for a leading Automotive Manufacturer

Our customer, headquartered in chennai, is one of the leading automotive manufacturers in India. For over 50 years, they have prospered and we are proud to have traveled along in their technology journey.

Challenges faced by the customer

- Data migration from legacy to new platform

- Security vulnerabilities

- Data integration

Their business requirements:

- A platform that integrates with their current infrastructure while simultaneously optimizing it for the betterment of the near future.

- Scaling in an affordable manner

- A stable platform to maximize continuous manufacturing output

- Maintain high availability

Why was SBA Info solutions chosen? - Reasons

- Proven domain knowledge and expertise

- Consultative approach

- Track record of successful IBM Server/ storage implementations.

- Strong relationship with the client

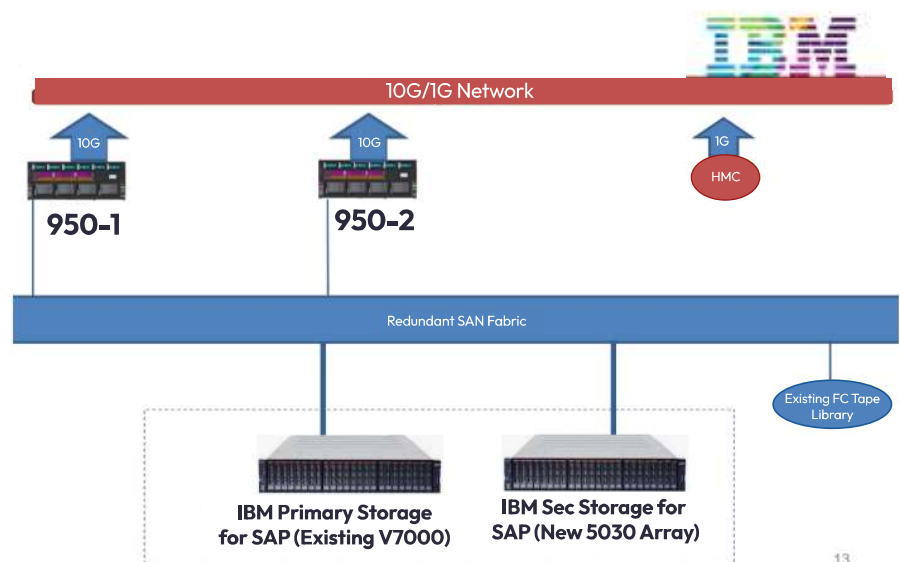## Infra Refresh for SAP Workloads (Migration from Oracle to HANA) Solution

Two crucial aspects of the end solution:

- Disaster recovery

- Data center

Solution components

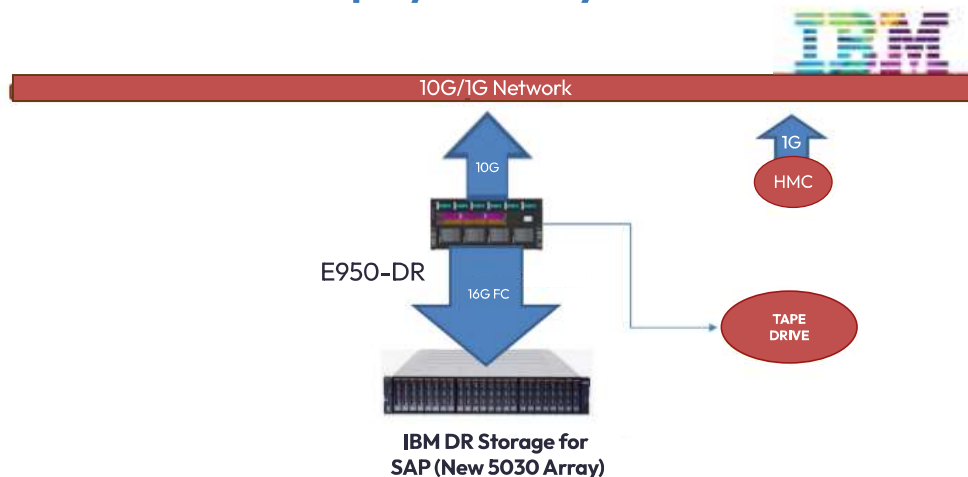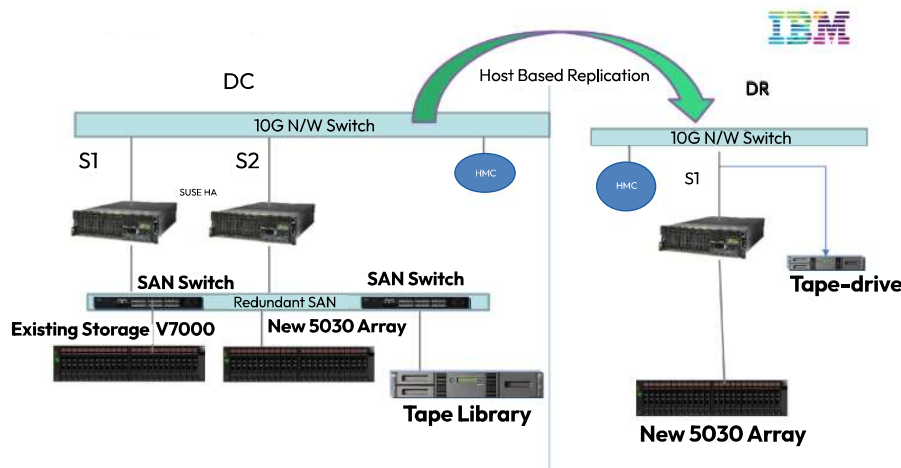| Proposal	
Servers	New
Primary Storage	Existing V7000
Secondary Storage	New 5030 Array (DC)
DR Site	New 5030 Array (DR)

DC Deployment Layout-IBM

DR Deployment Layout-IBM

Deployment Layout DC & DR

Business benefits obtained by the client

- Ability to provision faster- Depending on business needs, accommodate changes to the SAP HANA platform resources on the fly

- Affordable scaling

- Maximized uptime- Reduce planned down-time with virtual persistent memory

New developments for SAP HANA on IBM Power

With the in-memory architecture feature, HANA is known to consume many system resources. When we do not adequately monitor the production systems, the system may become overwhelmed by excessively parallelized applications, memory leaks, or SQL statements that were not restricted enough, resulting in an OOM (out of memory) dump. No system is exempted from this behavior, which