

Telecom Company

Have Sun 6800 HA Cluster running Solaris 8 for CRM using Oracle 8

Investigate server replacement options:

- One of the 6800s is at maximum number of CPUs and needs to be replaced
- Need to have hardware & software partitioning on replacements
- TCO analysis to include Oracle licensing

Propose Sun and/or Fujitsu PrimePower servers running Solaris 10 with Containers

- Replace 2 x 6800s with:
 - a) SF 6900 (4 CPUs, max. 24) and PW900 (5 CPUs, max. 16)
 - b) 2 x PW900s (each with 5 CPUs, max. 16)
- Note: 6900 (4 CPUs) requires 6 Oracle licenses
- Note: PW900 (5 CPUs) requires 5 Oracle licenses

Fujitsu PrimePower and Sun Fire Enterprise Solaris Servers

Server Model	# CPUs	GHz	# Cores	Memory (GB)	# PCI Slots	# Domains	Oracle Lics.	Raw Capacity Estimator - Total GHz
SF 6800	12	0.9	1	96	18	4	12	10.8
SF 6800	8	1.2	1	64	12	4	8	9.6
SF E6900	4	1.5	2	32	6	4	6	12.0
PW 900	5	2.16	1	64	18	8	5	10.8
PW 900	5	2.16	1	64	18	8	5	10.8
PW 900	5	2.16	1	64	18	8	5	10.8
PW 900	8	2.16	1	64	18	8	8	17.3

