

Server	Number	Hardware	Operating System/Software
Firewall	2	Two Juniper SRX3500 per DC each with: 2 XFP 10gb interface 1 Network processing card 1 1ghz 4gb processing card VPN application gateway	N/A
EPP application server	2	Virtual machines provisioned on HP C7000 Blade Chassis / BL460G7 Blades each with: Quad Core Processor 8gb RAM 75gb HDD Shared 10gb Fibre NIC	Redhat Linux 6
Middleware server	2	Virtual machines provisioned on HP C7000 Blade Chassis / BL460G7 Blades each with: Quad Core Processor 8gb RAM 75gb HDD Shared 10gb Fibre NIC	Redhat Linux
Oracle database	1	4 node cluster across 2 sites provisioned on 2 HP C7000 Blade Chassis and 4 BL460G7 Blades each with: 2 Quad Core Processors 48gb RAM Local 1gb flash HDD for OS DB uses HP 3PAR SAN 10gb Fibre NIC	Rehhat linux 6 Oracle 11gR2 Enterprise Edition

Table 24.1: Server specifications

Measure	Jul 2011	Aug 2011	Sep 2011	Oct 2011	Nov 2011	Dec 2011
Availability	100.00	99.92	99.95	99.69	99.76	99.87
Session	100.00	100.00	100.00	100.00	100.00	100.00
Query	99.99	99.99	99.99	99.96	99.88	99.90
Transform	99.99	99.99	99.99	99.53	99.33	99.82

Availability: Percentage uptime

Session: Percentage session commands completed within 1.0s

Query : Percentage query commands completed within 0.3s

Transform: Percentage transform commands completed within 0.5s

Table 24.2: Performance and availability