Figure 1: High Availability/Throughput Configuration

DB1
192.168.1.153

/ect/hosts
127.0.0.1	localhost
127.0.1.1	DB1
#192.168.1.151	ICAT1
#192.168.1.152	ICAT2

ICAT (1)
192.168.1.151

/ect/hosts
127.0.0.1	localhost
127.0.1.1	ICAT
192.168.1.150	LoadBalancer
192.168.1.153	DB1
192.168.1.155	Resource1
192.168.1.156	Resource2

ICAT (2)
192.168.1.152

/ect/hosts
127.0.0.1	localhost
127.0.1.1	ICAT
192.168.1.150	LoadBalancer
192.168.1.153	DB1
192.168.1.155	Resource1
192.168.1.156	Resource2

Load Balancer
(aka "ICAT")
192.168.1.150

/ect/hosts
127.0.0.1	localhost
127.0.1.1	LoadBalancer
192.168.1.151	HighAvailICAT1
192.168.1.152	HighAvailICAT2

Resource1
192.168.1.155

/ect/hosts
127.0.0.1	localhost
127.0.1.1	Resource1
192.168.1.156	Resource2
192.168.1.150	ICAT

CLI1
192.168.1.154

/ect/hosts
127.0.0.1	localhost
127.0.1.1	CLI1
192.168.1.155	Resource1
192.168.1.156	Resource2
192.168.1.150	ICAT

Resource2
192.168.1.156

/ect/hosts
127.0.0.1	localhost
127.0.1.1	Resource2
192.168.1.155	Resource1
192.168.1.150	ICAT

The ICAT servers also open connections to the
resource servers. These connections are not shown.