Figures

Figure 26-1 Software Architecture of Whois

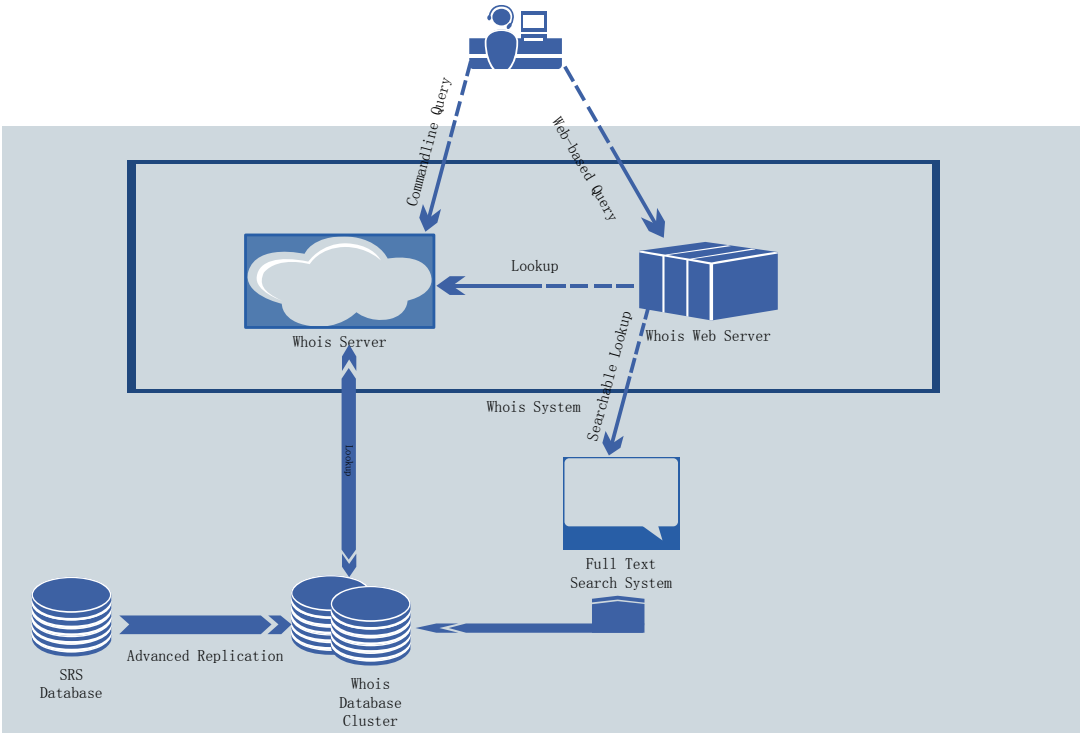
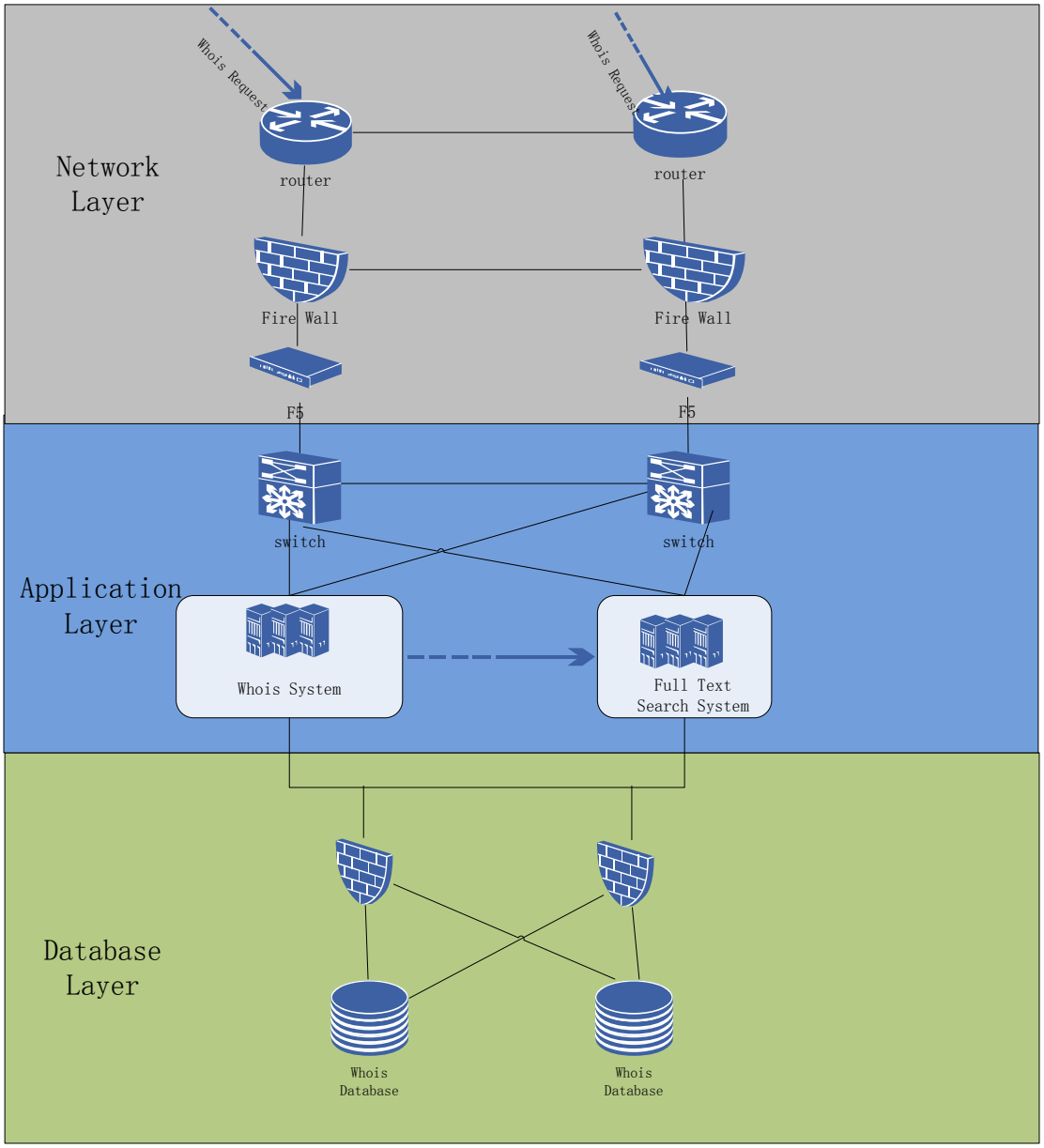


Figure 26-2 Physical Architecture of Whois



Tables

Table 26-1 Equipment List of Whois

System	Number of servers	Server model
Whois Server	2	DELL R710
Whois Web Server	2	DELL R710
Full-text search system	3	DELL R710
Database	2	DELL R710

Table 26-2 Comparison with SLR Indicator

Service Level Agreement	Number of Whois command line Clients	1000
	Number of Whois Web Clients	1000
	Test duration	60min
	Mean response time per query	500ms (for at least 95% of the queries)
	Maximum response time per query	1150ms
ICANN SLR	SLR: RDDS query RTT in Specification 10	<2000ms (for at least 95% of the queries)

Table 26-3 Resourcing Plan

Position	Number	Duty
Project leader	1	Allocate resources, manage the process of projects to guarantee the well-developed system to be delivered on time
Technical Director	1	The director of technical team
System admin	10	System operation and maintenance
Security specialist	2	
Network professional	1	
Developer	4	Develop the system according to the design and requirements (the developers in other systems can be allocated in this one).
Test Engineer	2	Test the system according to the test plan and test cases (the test engineers in other systems can be allocated in this one).
DBA	1	Design the database (the DBA in other systems can be allocated in this one).

Note: The human resource in Table 26-3 can be allocated for other systems at the same time.