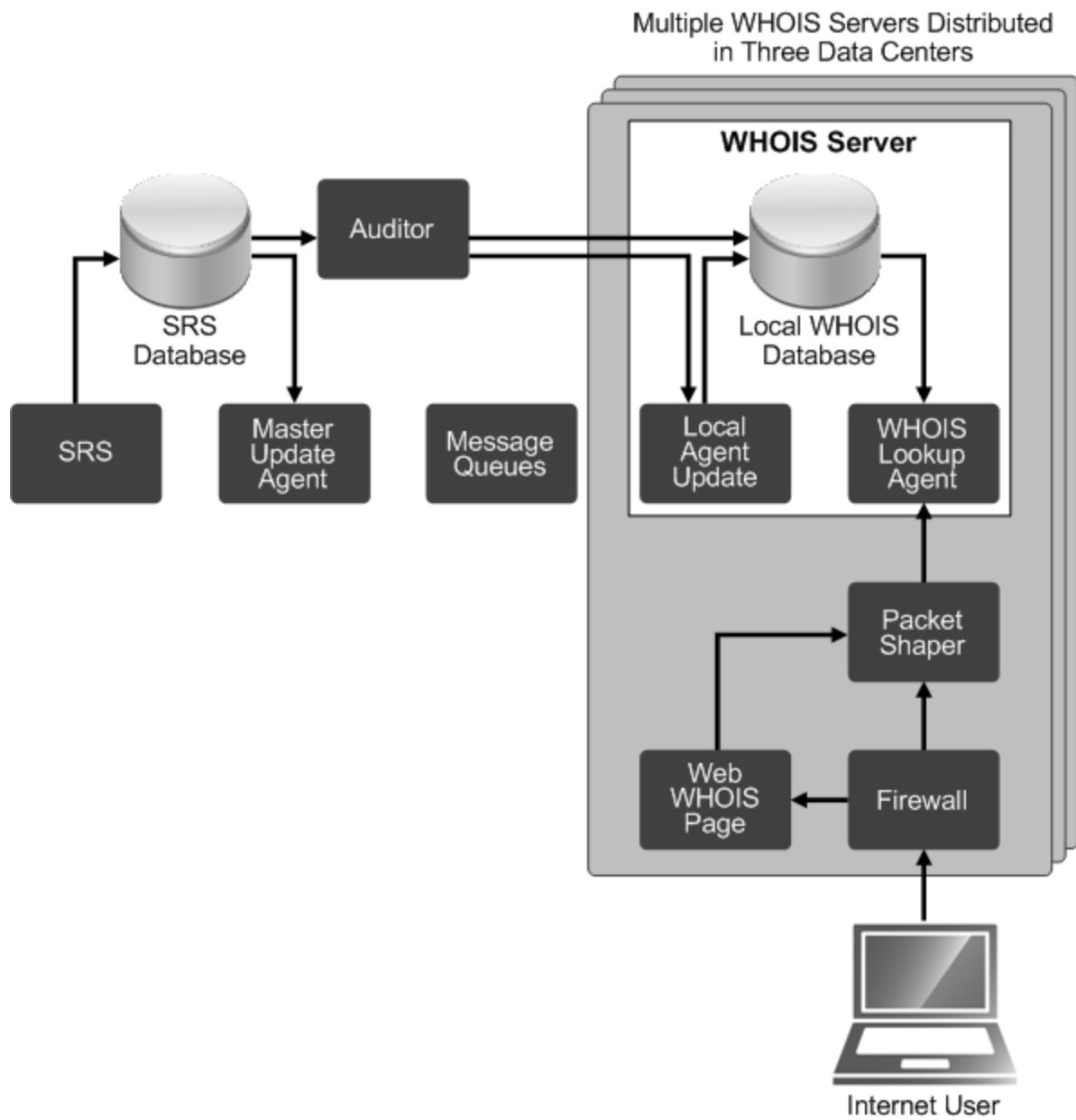# Question 26 Tables and Graphics

The following are tables and graphics used in the response to Question 26.

Specifications 4 and 10	Compliance
WHOIS service available via port 43 in accordance with RFC 3912, and a web-based Directory Service at <whois.nic.TLD> providing free public query-based access	Yes
The format of responses shall follow a semi-free text format outline below, followed by a blank line and a legal disclaimer specifying the rights of Registry Operator, and of the user querying the database.	Yes
Each data object shall be represented as a set of key/value pairs, with lines beginning with keys, followed by a colon and a space as delimiters, followed by the value.	Yes
For fields where more than one value exists, multiple key/value pairs with the same key shall be allowed (for example to list multiple name servers). The first key/value pair after a blank line should be considered the start of a new record, and should be considered as identifying that record, and is used to group data, such as hostnames and IP addresses, or a domain name and registrant information, together.	Yes
RDDS availability SLA	Yes
RDDS update time SLA	Yes
RDDS query RTT SLA	Yes

Table 26-1 Neustar's WHOIS service is in full compliance with Specifications 4 and 10.

WHOIS

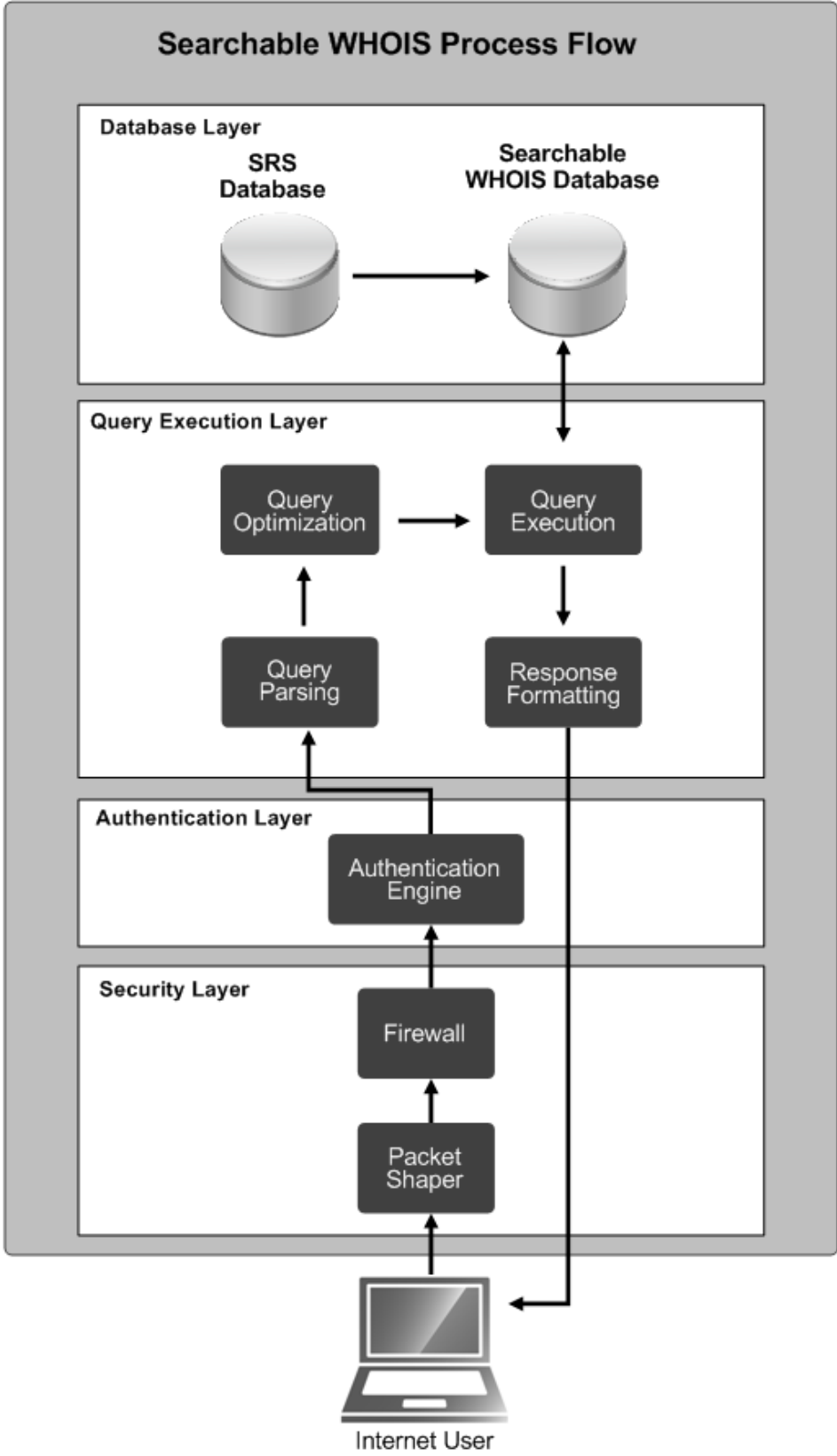**Figure 26-1** WHOIS design showing a decoupled architecture

Searchable WHOIS Process Flow

Database Layer

SRS Database

Searchable WHOIS Database

Query Execution Layer

Query Optimization → Query Execution

Query Parsing

Response Formatting

Authentication Layer

Authentication Engine

Security Layer

Firewall

Packet Shaper

Internet User

Figure 26-2 Searchable WHOIS Design