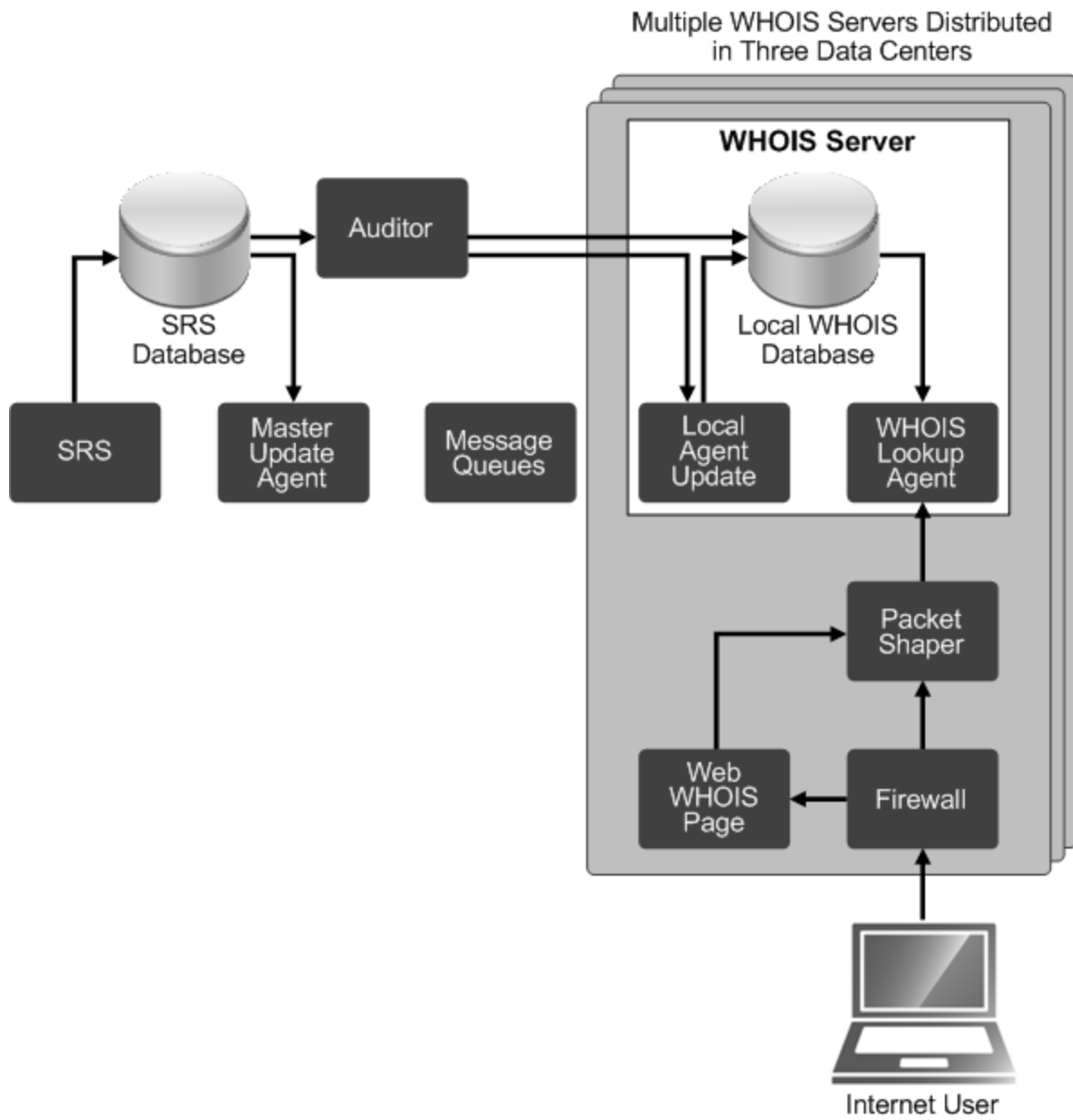# Question 26 Tables and Graphics

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

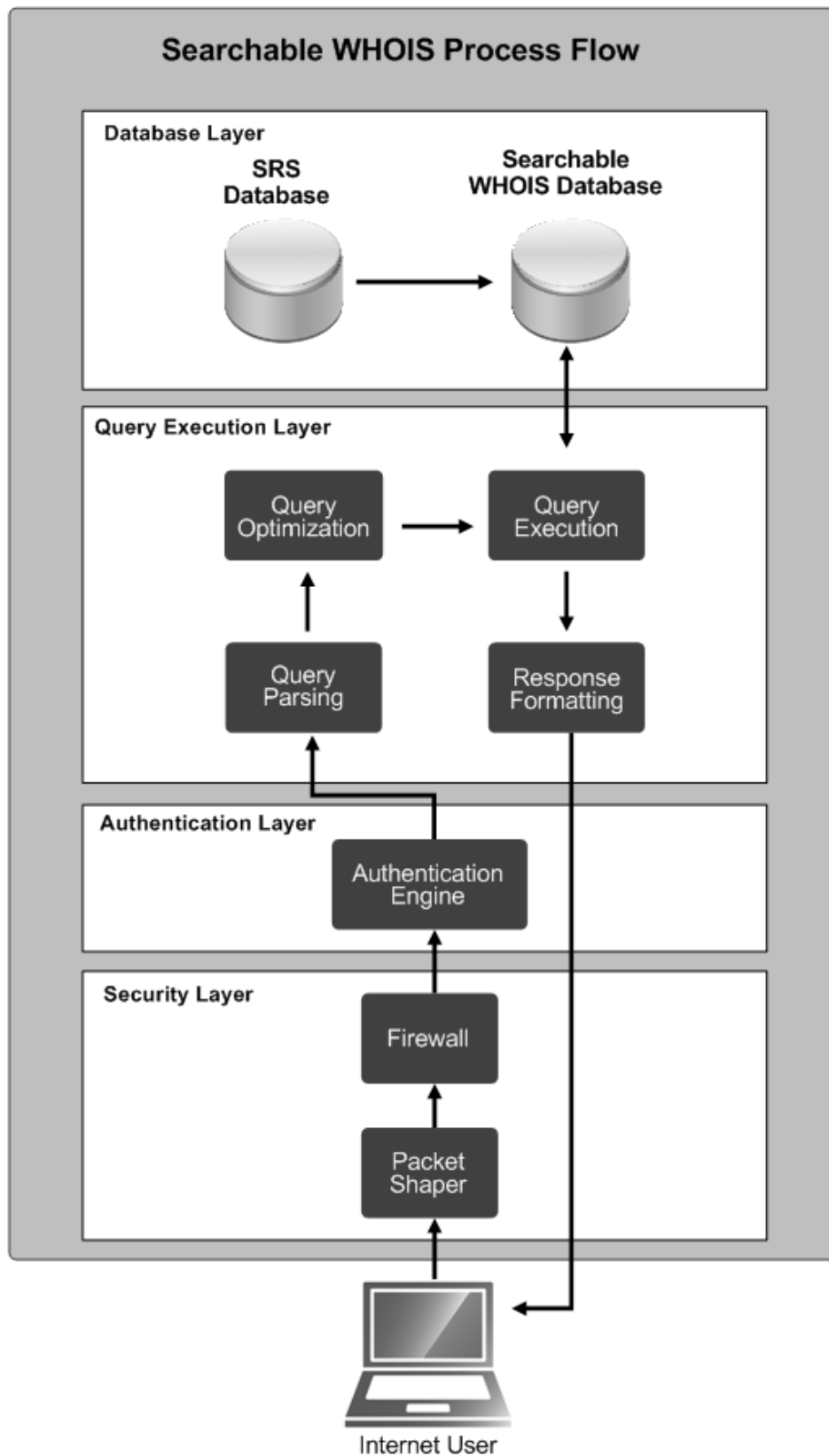**Figure 26-1** WHOIS design showing a decoupled architecture

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