Figures

Figure 26-1 Software Architecture of Whois
**Figure 26-2 Physical Architecture of Whois**

![Physical Architecture of Whois](image)

**Tables**

**Table 26-1 Equipment List of Whois**

<table>
<thead>
<tr>
<th>System</th>
<th>Number of servers</th>
<th>Server model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whois Server</td>
<td>2</td>
<td>DELL R710</td>
</tr>
<tr>
<td>Whois Web Server</td>
<td>2</td>
<td>DELL R710</td>
</tr>
<tr>
<td>Full-text search system</td>
<td>3</td>
<td>DELL R710</td>
</tr>
<tr>
<td>Database</td>
<td>2</td>
<td>DELL R710</td>
</tr>
</tbody>
</table>
### Table 26.2 Comparison with SLR Indicator

<table>
<thead>
<tr>
<th>Service Level Agreement</th>
<th>Number of Whois command line Clients</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Whois Web Clients</td>
<td>1000</td>
</tr>
<tr>
<td></td>
<td>Test duration</td>
<td>60min</td>
</tr>
<tr>
<td></td>
<td>Mean response time per query</td>
<td>500ms (for at least 95% of the queries)</td>
</tr>
<tr>
<td></td>
<td>Maximum response time per query</td>
<td>1150ms</td>
</tr>
<tr>
<td>ICANN SLR</td>
<td>SLR: RDDS query RTT in Specification</td>
<td>10 &lt;2000ms (for at least 95% of the queries)</td>
</tr>
</tbody>
</table>

### Table 26.3 Resourcing Plan

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

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