TRA UAE
Whols service (back-end)
Physical redundancy

Whois service (back-end)
The Internet

ISP
Internet connectivity

Edge Router
Route traffic to firewall
Route traffic to WhoIs client

Whois-PS
Whois-FE
Whois-BE
Whois-int
RAC
Non-IP network
Fibre channel

Registrar
Making a WhoIs request to WhoIs SRS service

Edge

Whois
- BE
- FE
- PS

Packet Shaper
Load Balancer
Edge Firewall
Using bandwidth management scheme, send results

Pass traffic through
Validate the packets and pass them through
Validate the packets and pass them through
Validate the packets and pass them through
Validate the packets and pass them through
Validate the packets and pass them through

Based on configuration select one of the servers
Select a RAC node and send a request to get information
Send results back to active load balancer
Send results to WhoIs client
Send requested data to WhoIs server

Send results back to active load balancer
Send results to WhoIs client
Send results to WhoIs server

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Whois service. Data flow.