

dig +trace www.polito.it	Comando
<pre> ;<<>> DiG 9.20.0-2ubuntu3-Ubuntu <<>> +trace www.polito.it ;; global options: +cmd . 115885 IN NS m.root-servers.net. . 115885 IN NS d.root-servers.net. . 115885 IN NS e.root-servers.net. . 115885 IN NS i.root-servers.net. . 115885 IN NS j.root-servers.net. . 115885 IN NS c.root-servers.net. . 115885 IN NS l.root-servers.net. . 115885 IN NS a.root-servers.net. . 115885 IN NS f.root-servers.net. . 115885 IN NS g.root-servers.net. . 115885 IN NS k.root-servers.net. . 115885 IN NS b.root-servers.net. . 115885 IN NS h.root-servers.net. . 475110 IN RRSIG (omitido propositalmente) ;; Received 553 bytes from 191.36.8.66#53(191.36.8.66) in 9 ms </pre>	Listagem dos RLDs, recebido do DNS local, porta 53 (última linha do bloco)
<pre> it. 172800 IN NS a.dns.it. it. 172800 IN NS d.dns.it. it. 172800 IN NS m.dns.it. it. 172800 IN NS r.dns.it. it. 172800 IN NS dns.nic.it. it. 172800 IN NS nameserver.cnr.it. it. 86400 IN DS (omitido propositalmente) ;; Received 760 bytes from 193.0.14.129#53(k.root-servers.net) in 152 ms </pre>	Listagem dos TLDs, recebido do k.root-servers.net
<pre> polito.it. 3600 IN NS giovè.polito.it. polito.it. 3600 IN NS leonardo.polito.it. polito.it. 3600 IN NS ns1.garr.net. polito.it. 3600 IN NS ns3.polito.it. RS1N3..... (omitido propositalmente) ;; Received 946 bytes from 217.29.76.4#53(m.dns.it) in 290 ms </pre>	Listagem dos SLDs, recebido do m.dns.it
<pre> www.polito.it. 3600 IN CNAME webvip-01.polito.it. webvip-01.polito.it. 86400 IN A 130.192.182.100 polito.it. 86400 IN NS giovè.polito.it. polito.it. 86400 IN NS leonardo.polito.it. polito.it. 86400 IN NS ns1.garr.net. polito.it. 86400 IN NS ns3.polito.it. ;; Received 251 bytes from 130.192.3.24#53(giovè.polito.it) in 510 ms </pre>	Resposta DNS informando que www.polito.it é um apelido (CNAME) para webvip-01.polito.it, que possui o IP 130.192.182.100, recebido do giovè.polito.it