

Name to test: \_\_\_\_\_ Query type: "a"

1. Start at any root server

dig +norec @k.root-servers.net. \_\_\_\_\_ a

2. Referral: what NS records were returned? List them here.

3. Repeat your query for *every* NS record found in step 2

Was the response a referral or a final authoritative answer?

List the response here

Did every server respond? \_\_\_\_\_ Were the responses the same? \_\_\_\_\_

4. If step 3 was a referral, repeat again for every NS record found.

List the response here:

Did every server respond \_\_\_\_\_ Were the responses the same? \_\_\_\_\_

Continue for further referrals if necessary

5. Checklist:

\* Were all the nameservers reachable?

\* Were there at least two nameservers on two different subnets?

\* Did they all give either a referral or an AA (Authoritative Answer)?

\* Were all the answers the same?

\* Were the TTL values reasonable?

\* Does the final list of nameservers in the AUTHORITY SECTION match the list of nameservers in the referral?