

You have 15 minutes to complete this quiz.

Name: _____

RIT Username: _____

Problem	Possible	Score
1	15	
2	15	
Total	30	

1. When people talk about a DNS ‘server’, it has multiple meanings based on its context. Name and explain what kind of “servers” exists to process a DNS request when you type a domain name on your browser. (15 pts)

a DNS (Stub) Resolver, DNS resolver (Upstream), DNS authoritative servers

2. Briefly explain all DNS-related processes when you look up the IP address of cs.rit.edu from your laptop in the RIT network. (15 pts)

Send a DNS request to the resolver, which looks up the NS record and IP address of the .edu from the root, and iteratively lookup (must specify all the details; .edu -> .rit.edu -> cs.rit.edu).