



caida

CSE 291 INTERNET DATA SCIENCE FOR CYBERSECURITY

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**AS Relationships and
Customer Cones**

Q1



What is the difference between “Tier-1” status and being in the transit-free peering clique?

Q2



What is the goal of *path poisoning*?

How is path poisoning accomplished?

Q3



Why were ASes motivated to report a peering relationship, where we had incorrectly inferred a customer relationship?

Q4



What is *mutual transit*?

Q5



What is *partial transit*?

Q6



What is a *hybrid relationship*?

Q7



What is a *route leak*?

Q8



What is a *best path*?

Q9



What is *donut peering*?

Q10



Explain how a customer cone can be computed *recursively*.

What is the limitation of a recursively computed customer cone?

Q11



Explain how a customer cone can be computed according to the *provider-peer observed* heuristic.

What is the limitation of a provider-peer observed customer cone?