



The Other 95%:
The Unsecure Internet You Don't Know About

Internet Protocol Manipulations

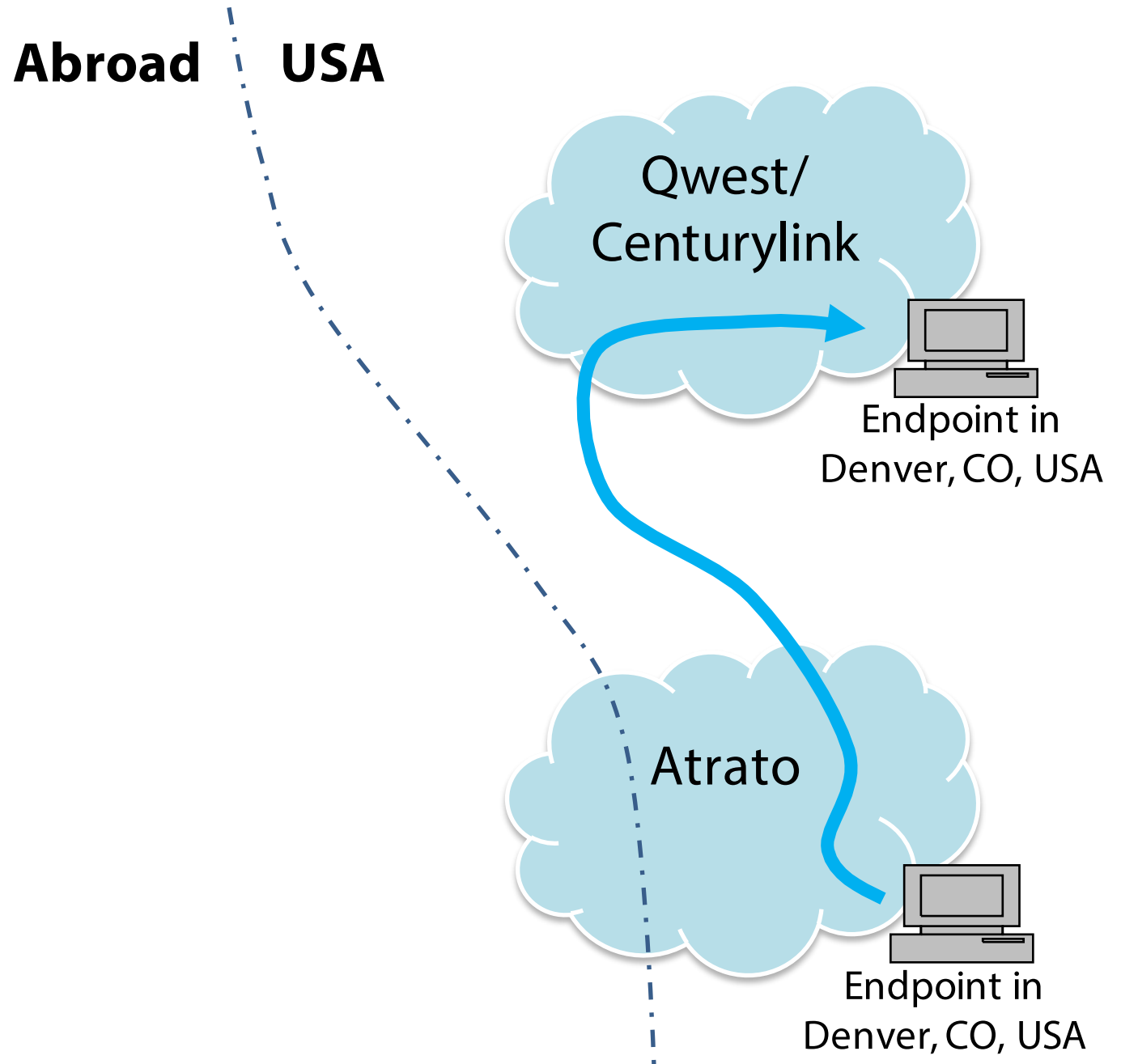
Sharon Goldberg



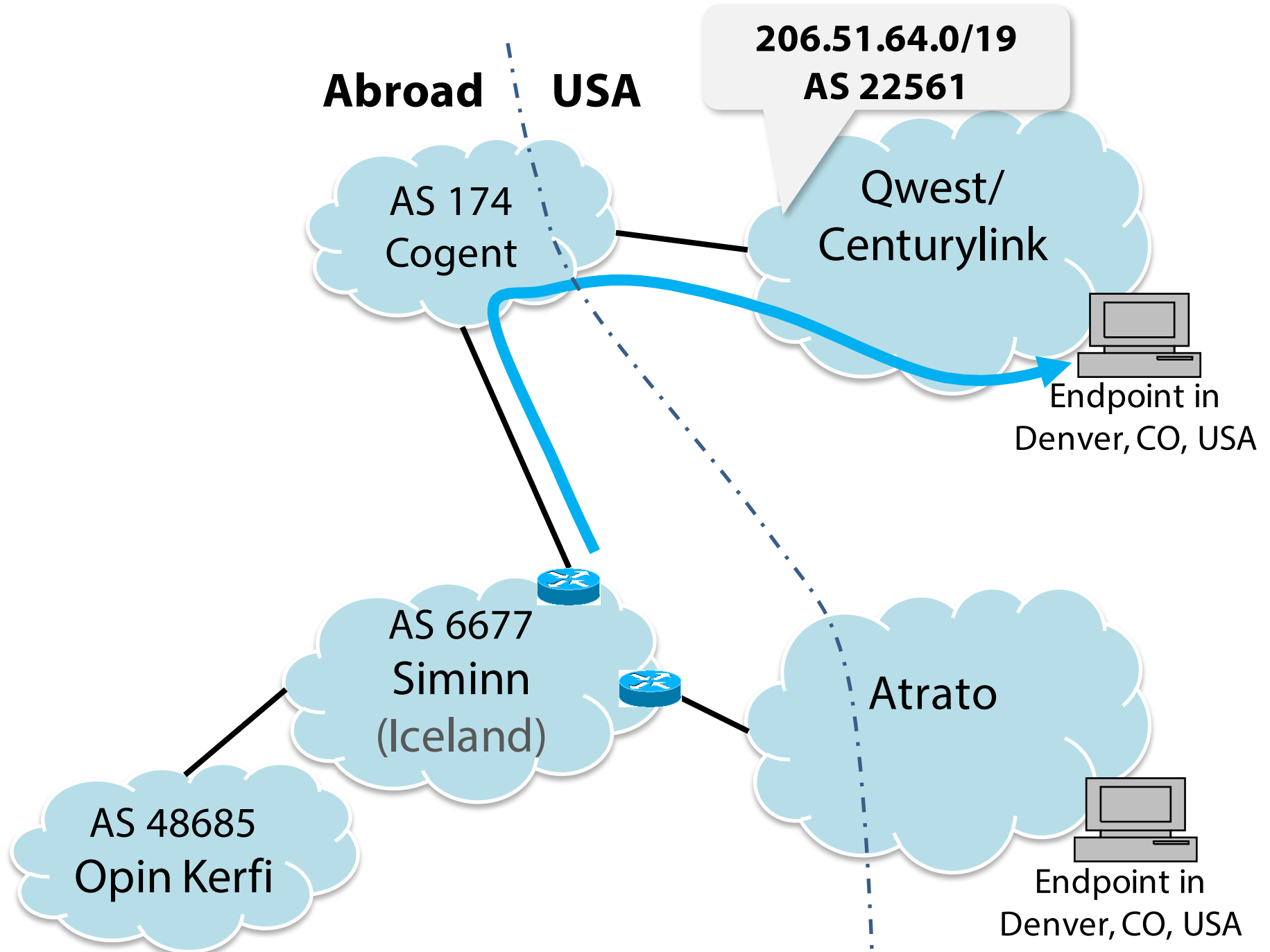
BGP: Border Gateway Protocol

DNS: Domain Name System

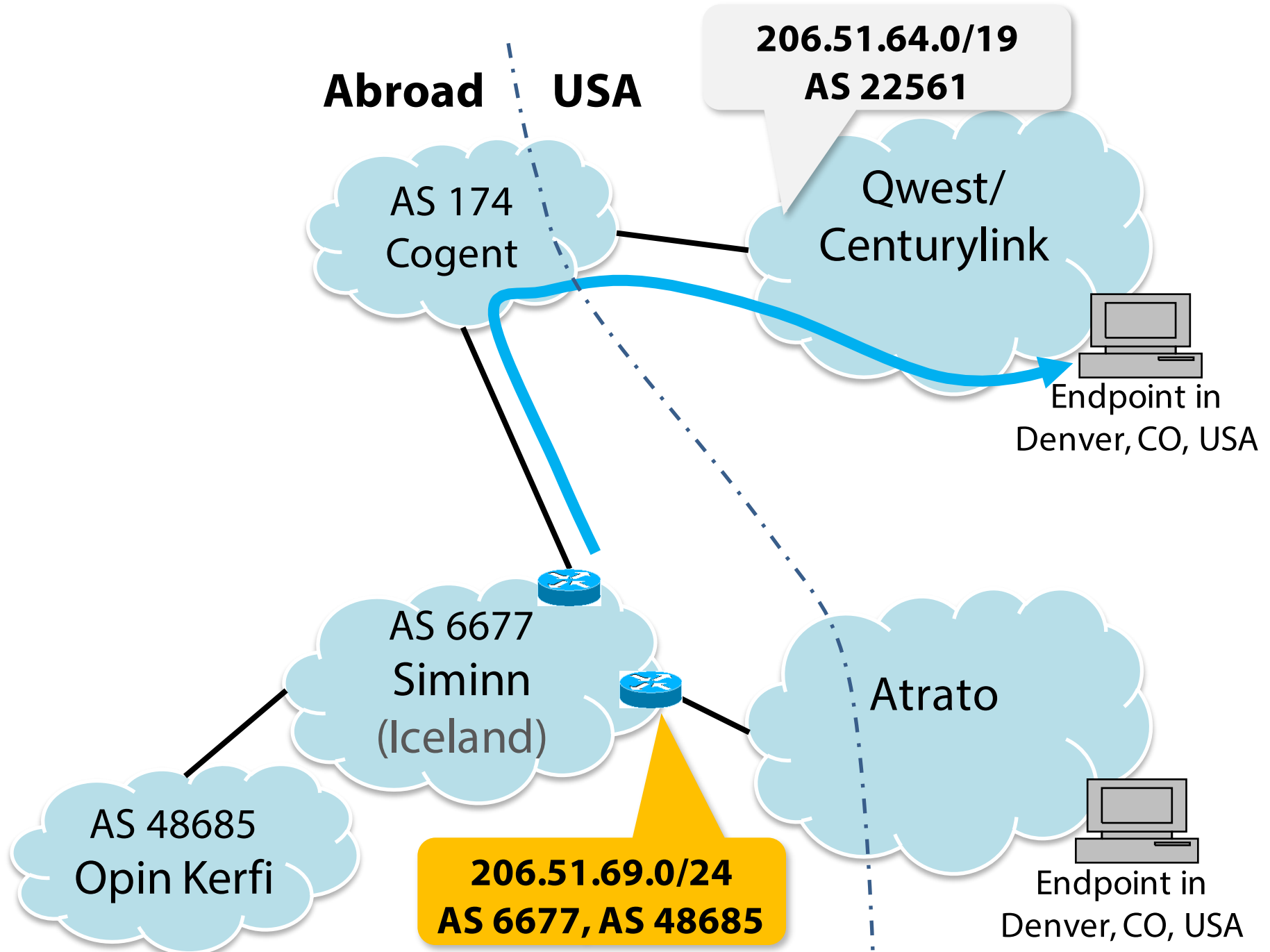
BGP manipulation from July 2013



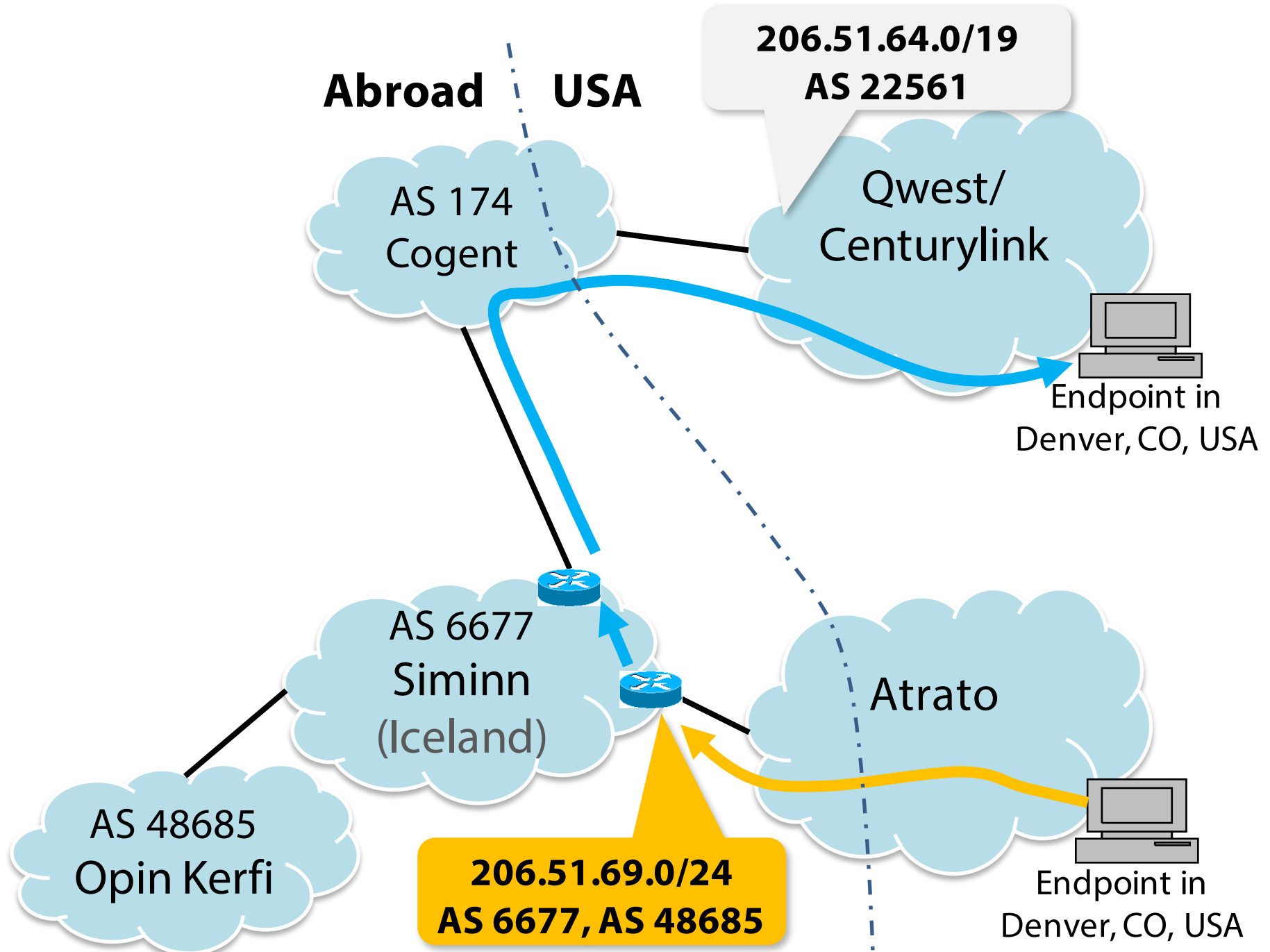
BGP manipulation from July 2013

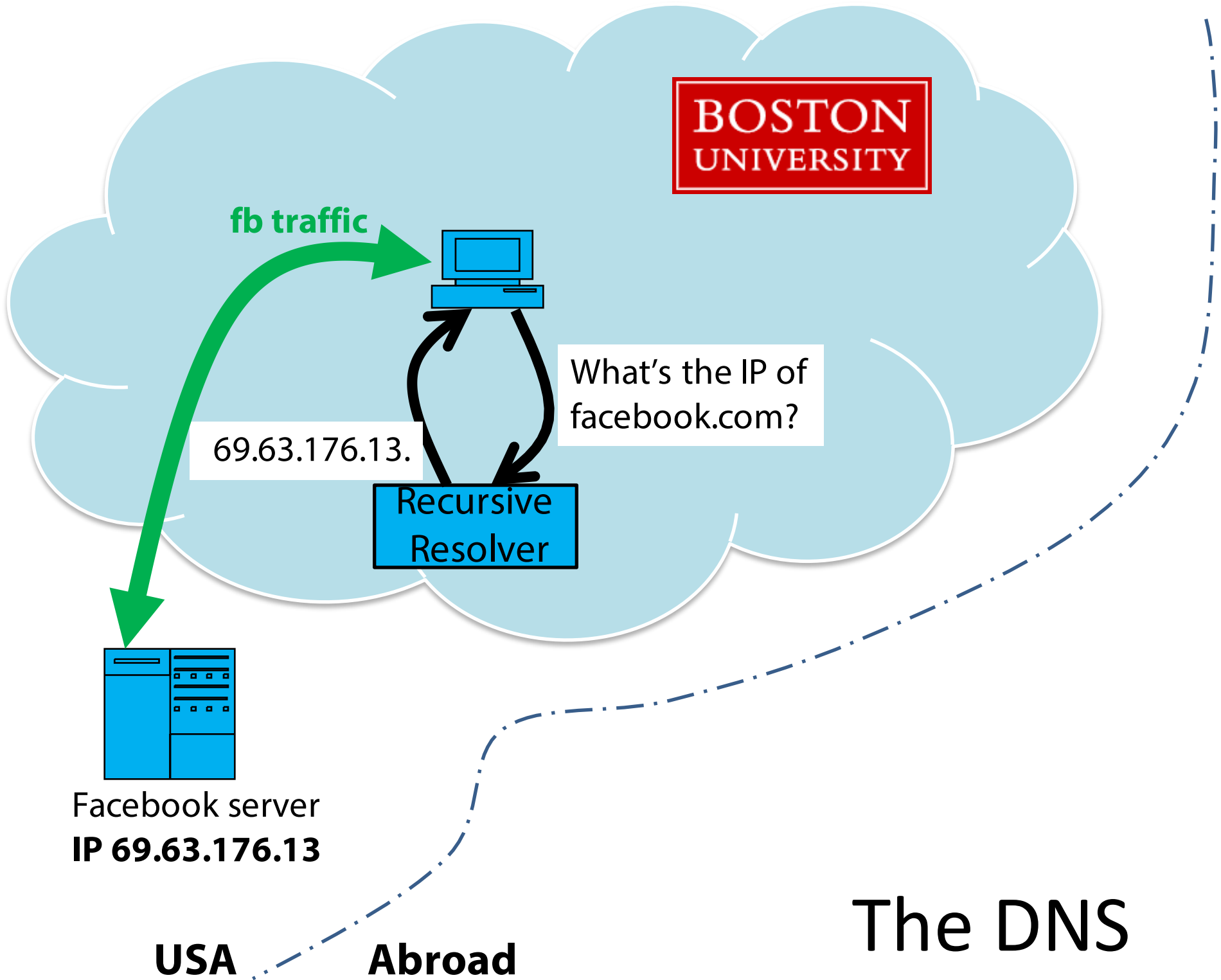


BGP manipulation from July 2013



BGP manipulation from July 2013





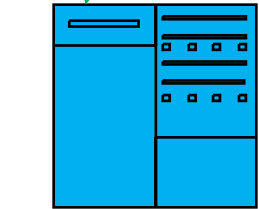
BOSTON UNIVERSITY

fb traffic

69.63.176.13.

What's the IP of facebook.com?

Recursive Resolver

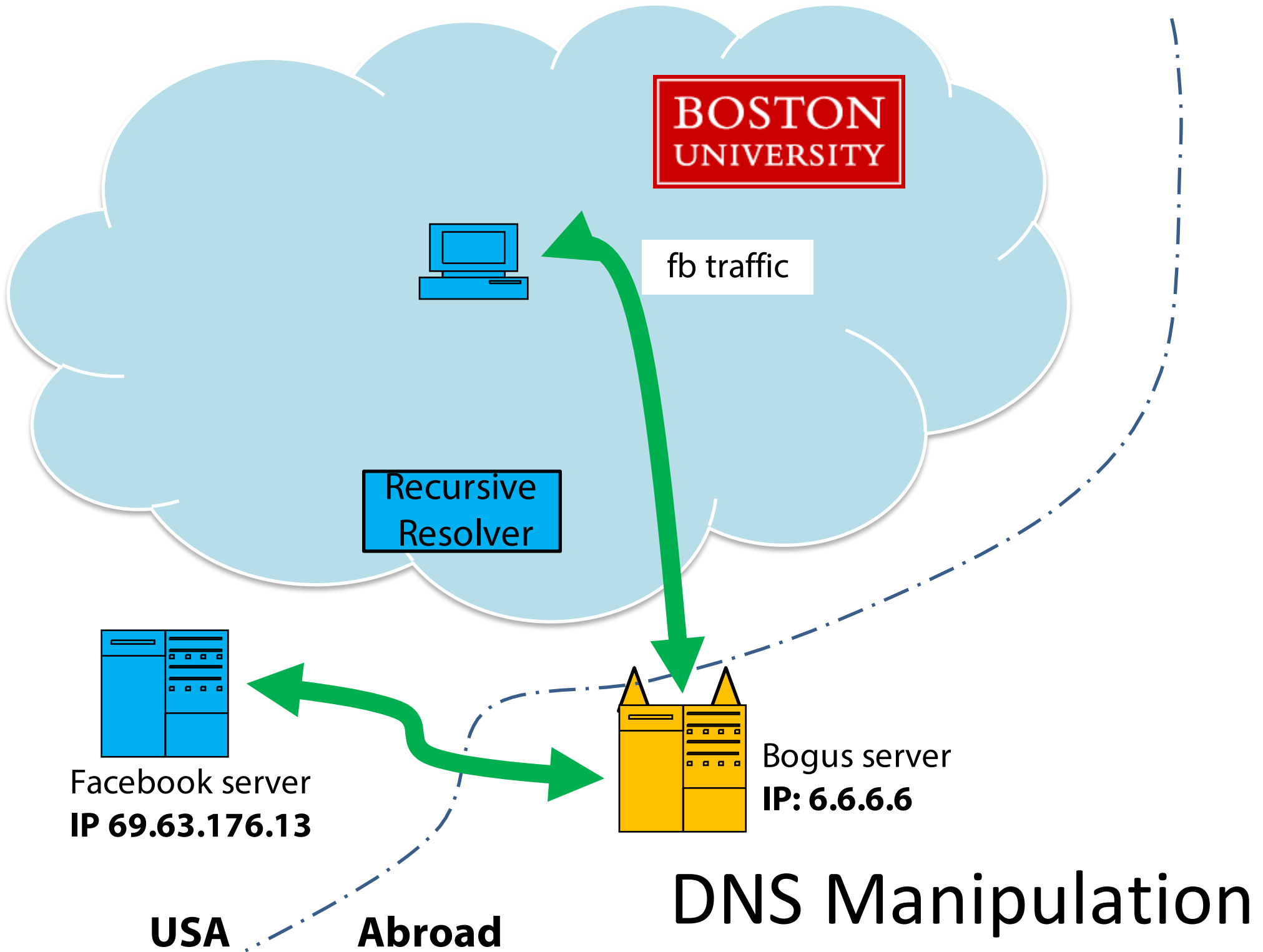


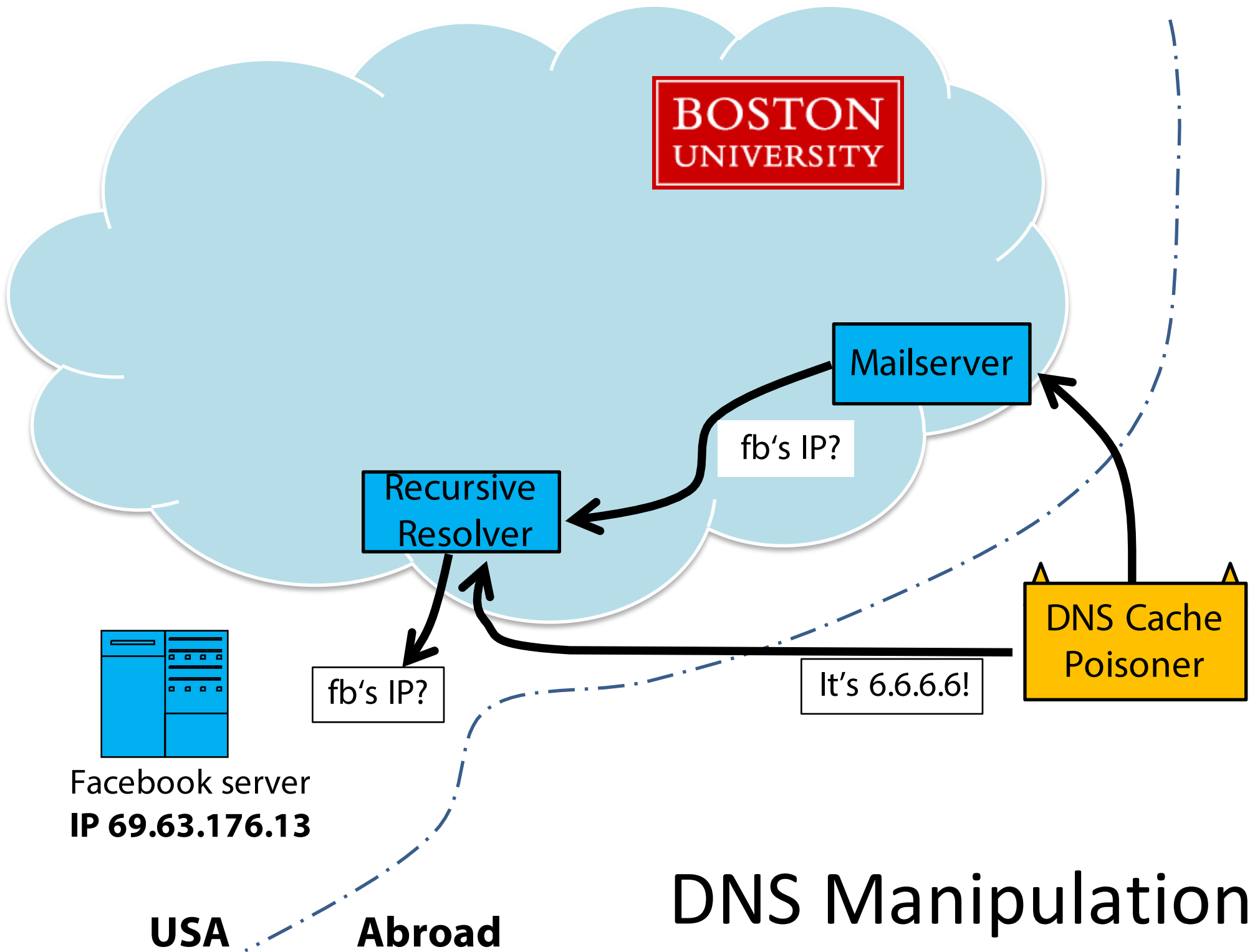
Facebook server
IP 69.63.176.13

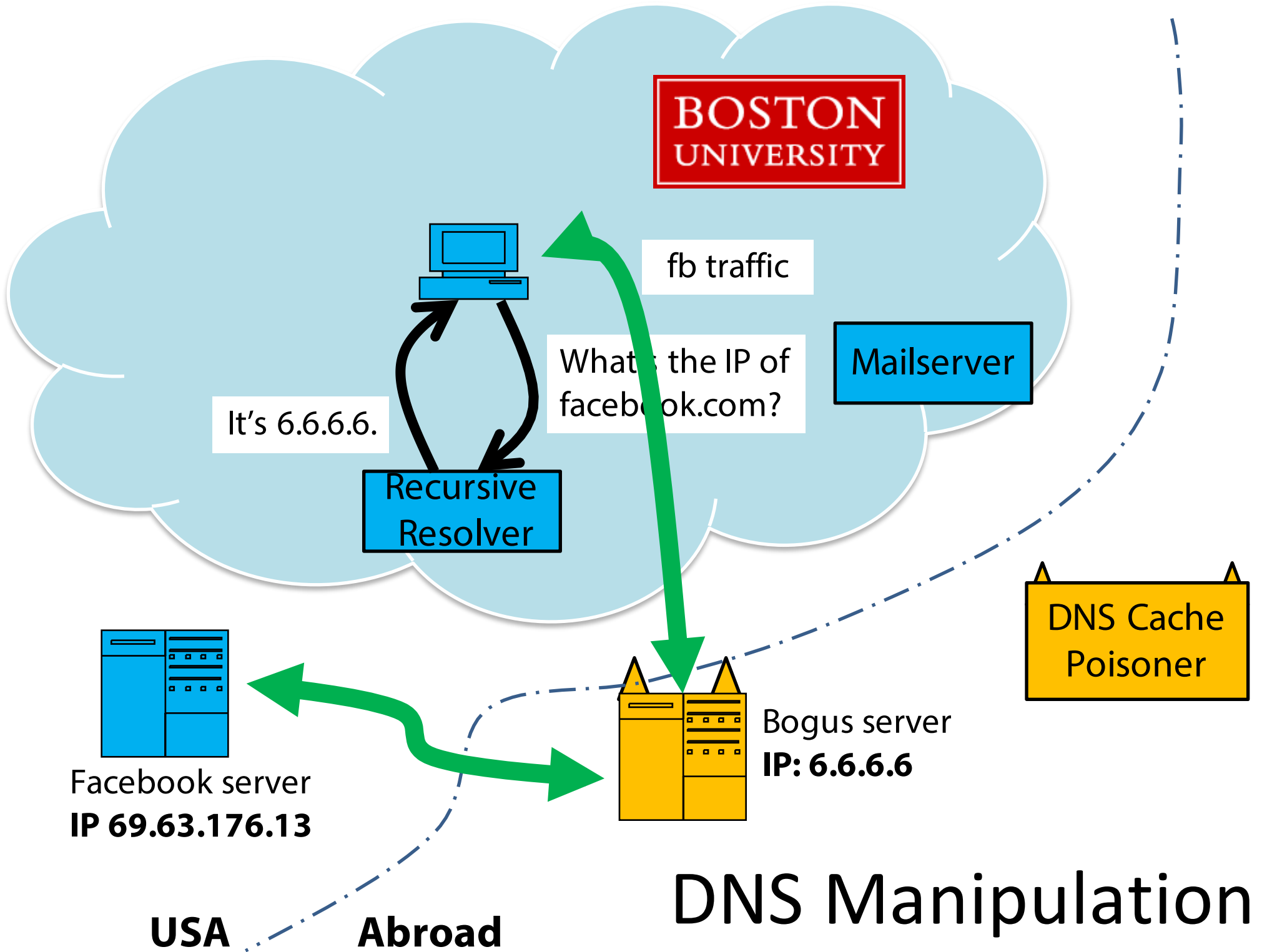
USA

Abroad

The DNS









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