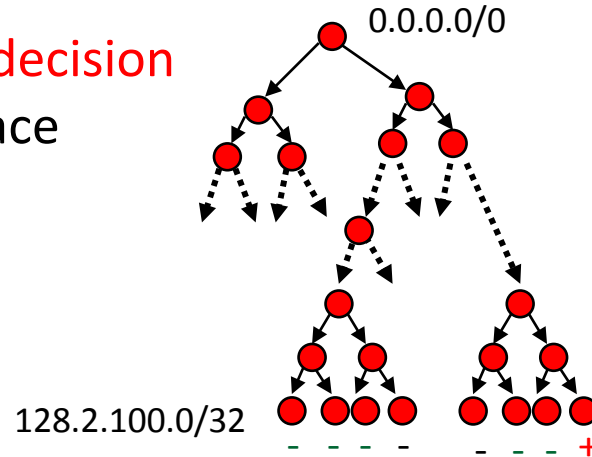


Tracking Dynamic Sources of Malicious Activity at Internet-Scale

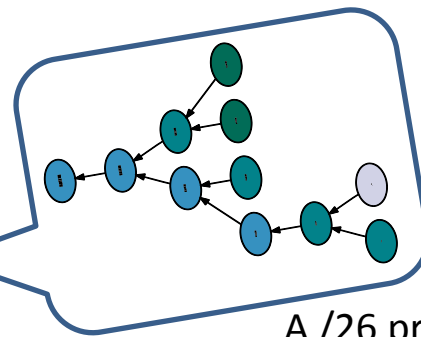
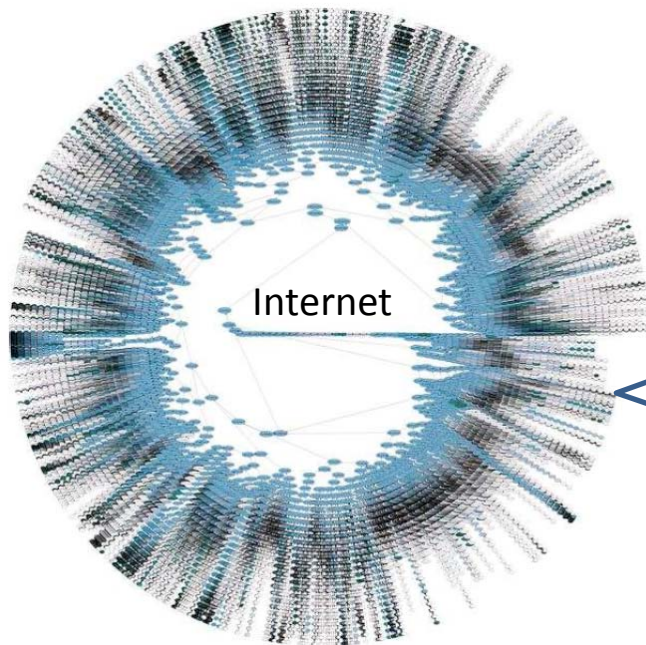
Shobha Venkataraman, Avrim Blum, Dawn Song, Subhabrata Sen, Oliver Spatscheck

Where will malicious traffic on the Internet originate from?

We **adaptively prune a decision tree** over IP address space (2^{32} leaves!) ...



... combining **“experts” algorithms and online paging...**



...and find **dynamic maps** of Internet malicious activity!

Legend:

Good IP  Bad IP