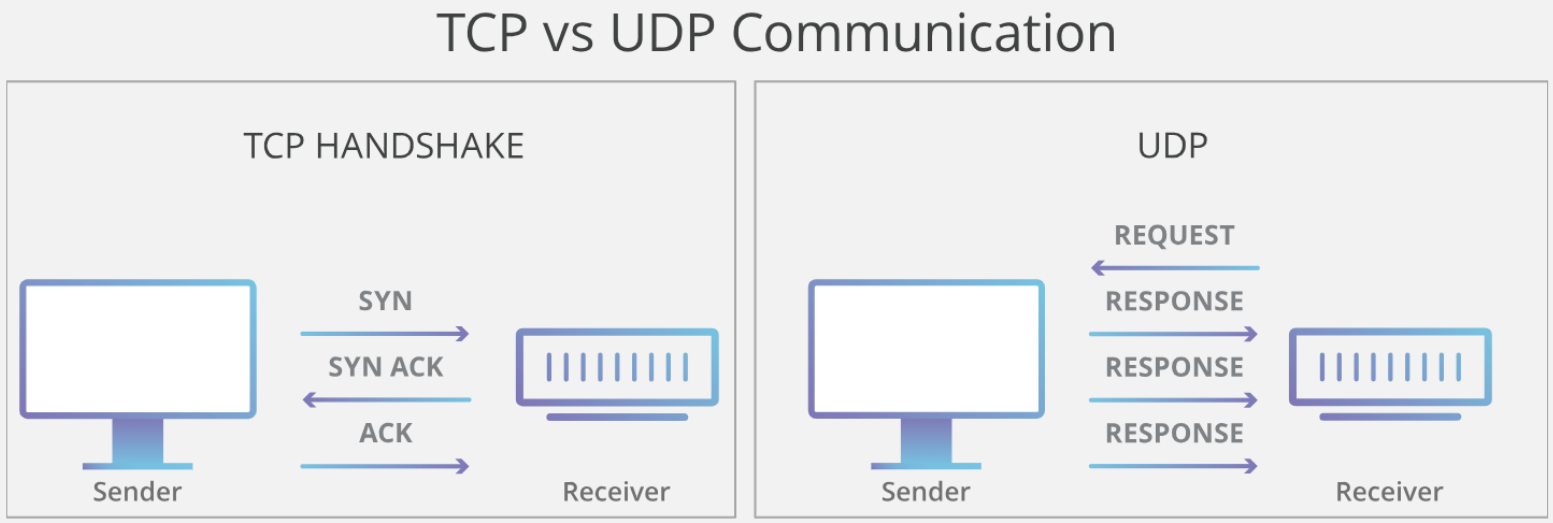
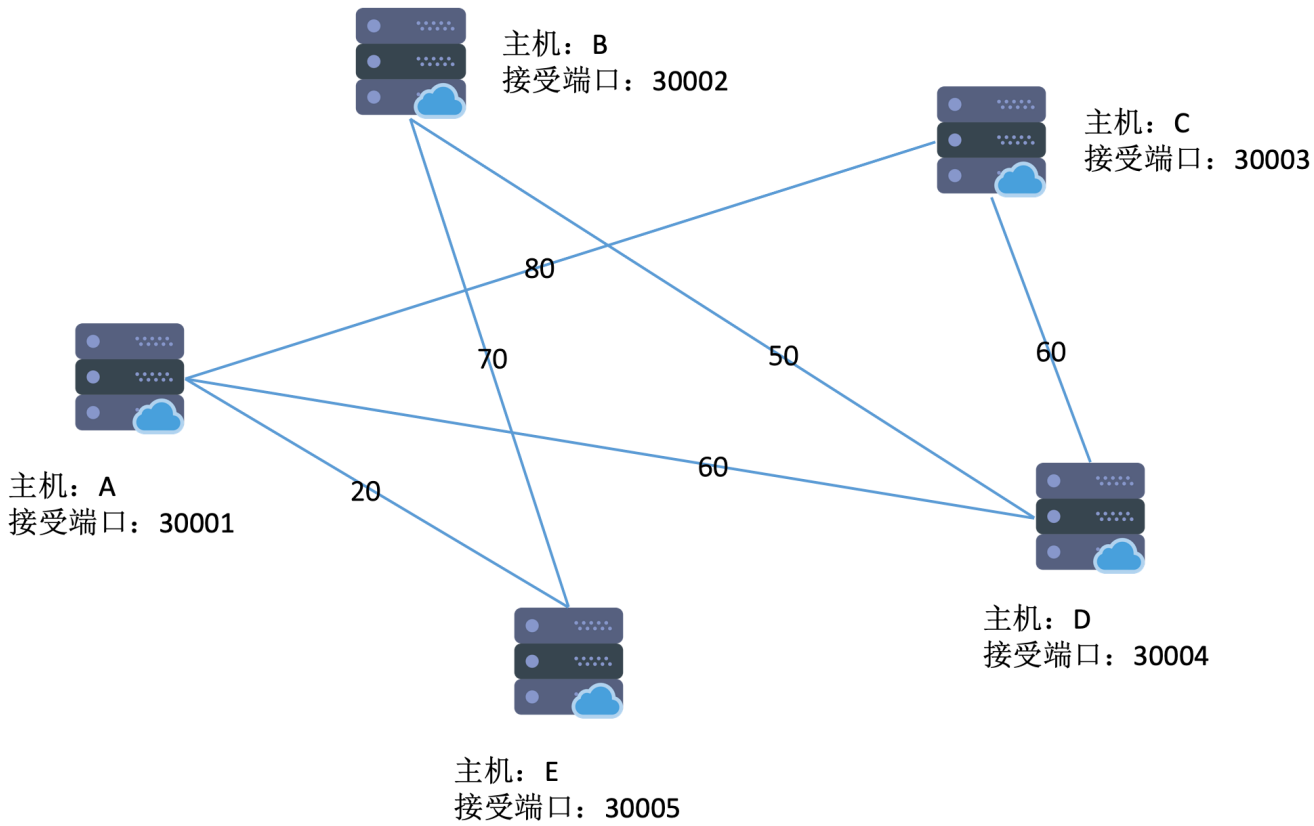
Virtual Routing

UDP Protocol

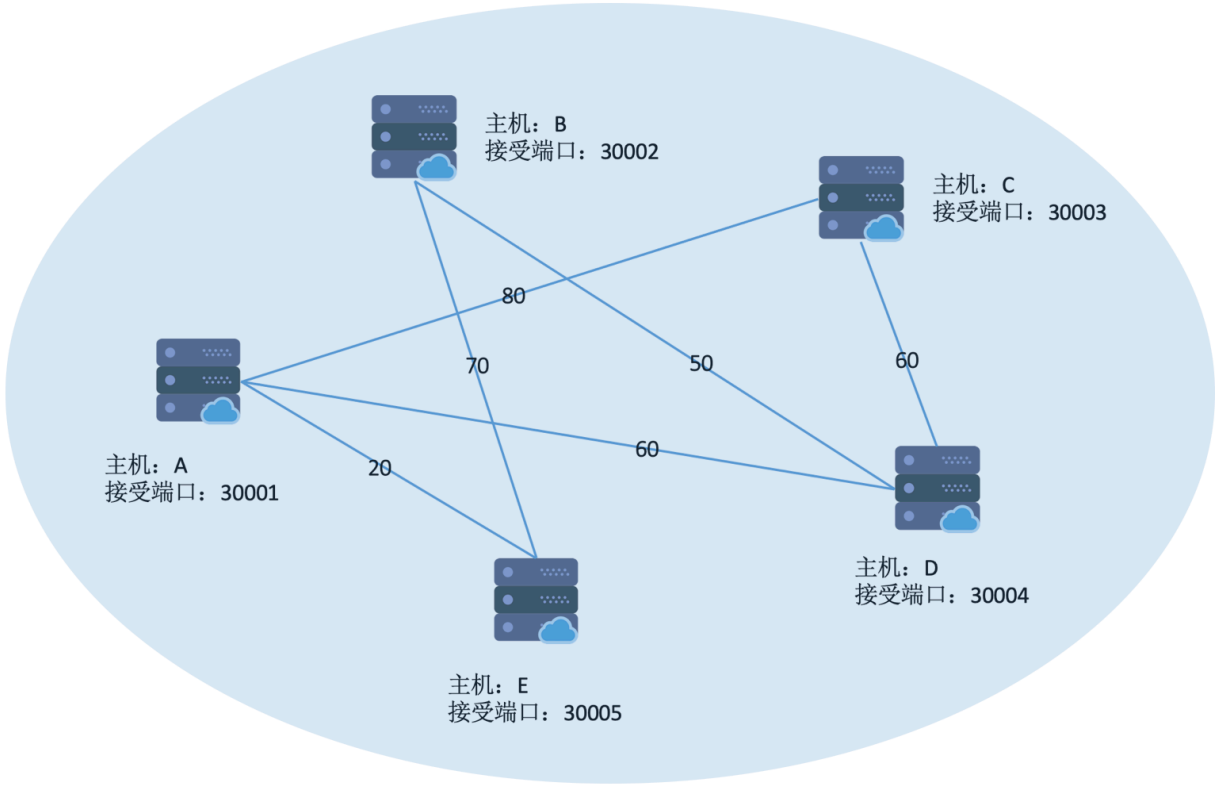
UDP is a communication protocol used across the Internet for especially time-sensitive transmissions such as video playback or DNS lookups. It speeds up communications by not requiring what's known as a "handshake", allowing data to be transferred before the receiving party agrees to the communication. This allows the protocol to operate very quickly, and also creates an opening for exploitation.



Self-organized Routing

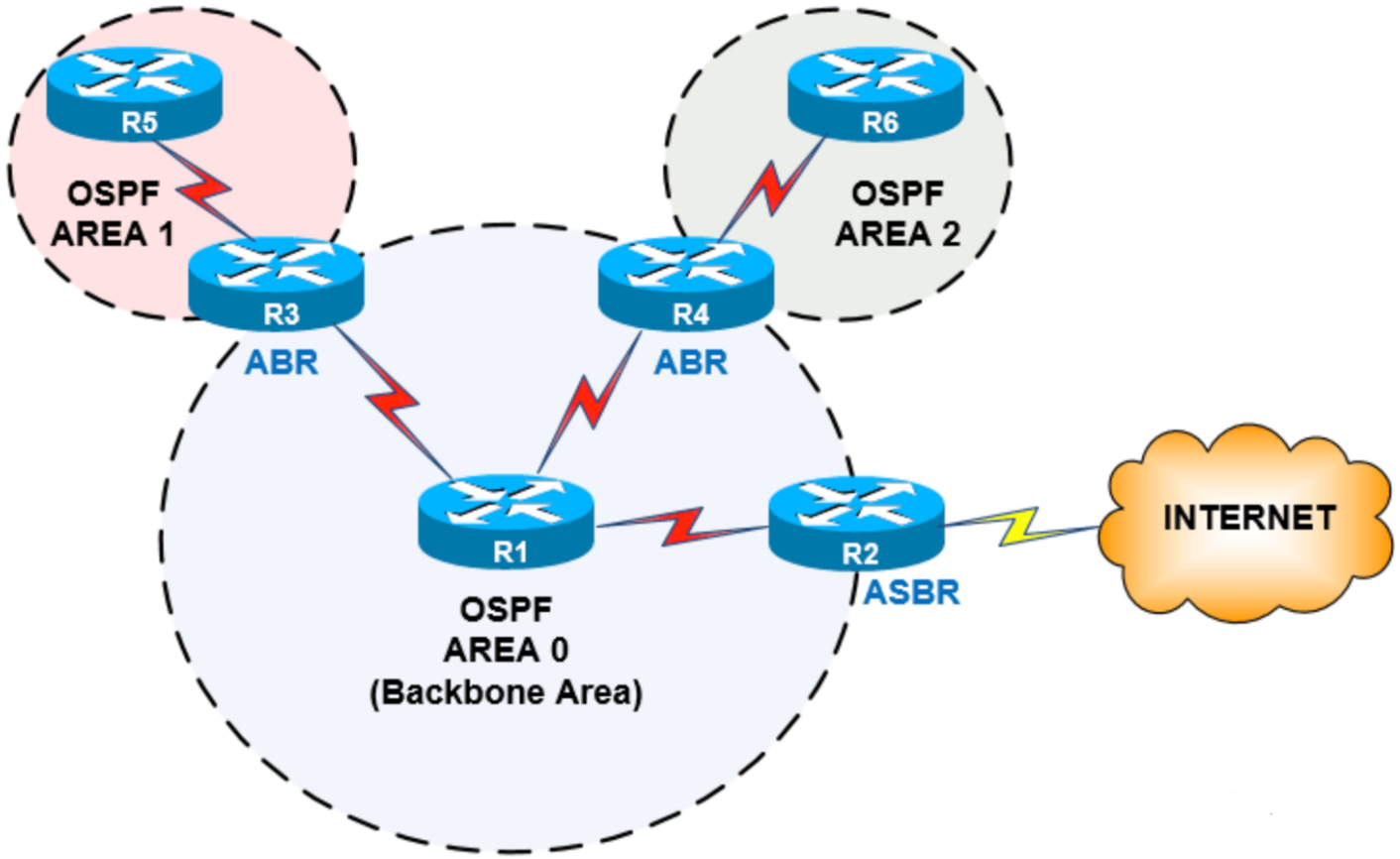


Centralized Routing

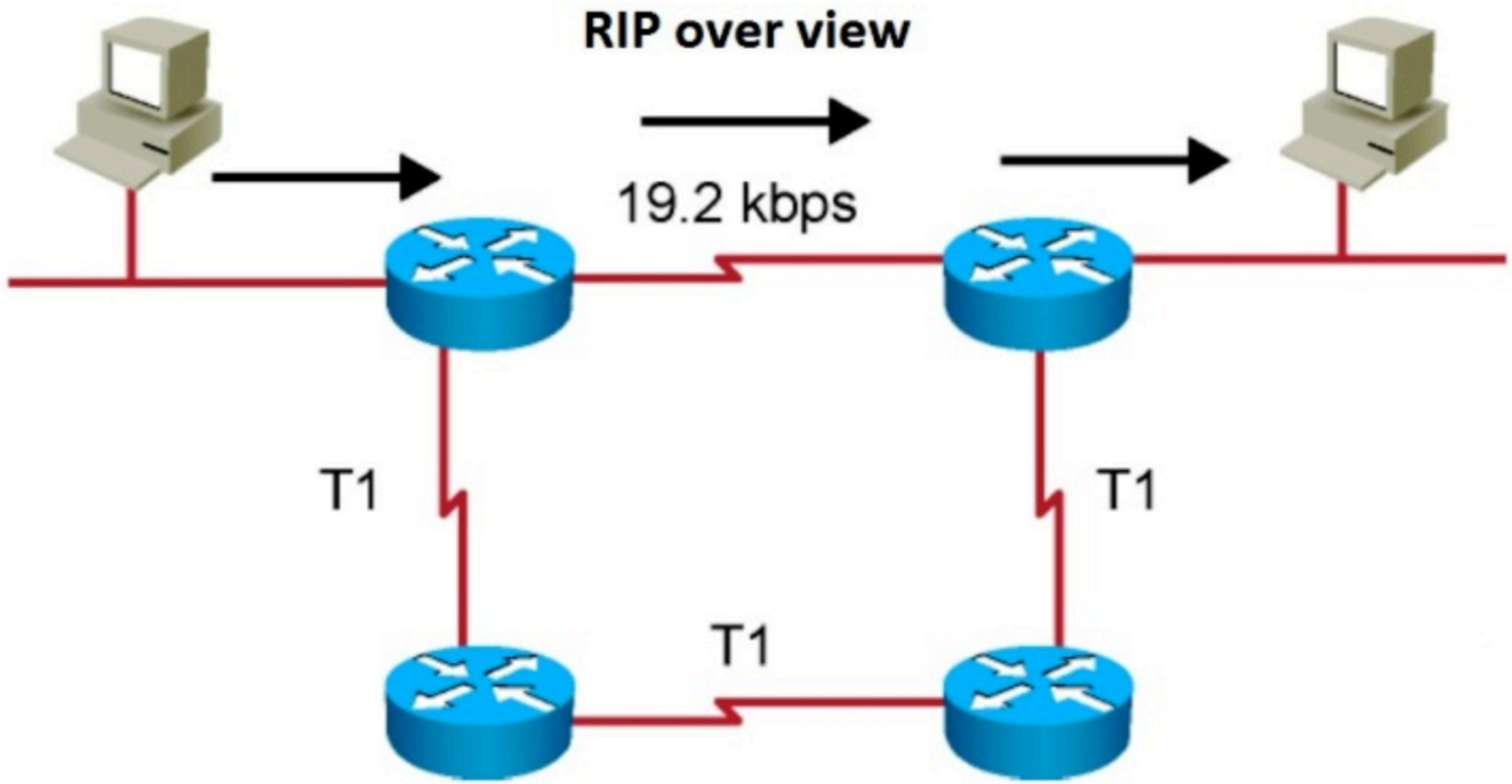


控制主机：M
接受端口：30006

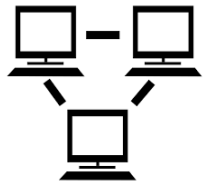
OSPF Protocol

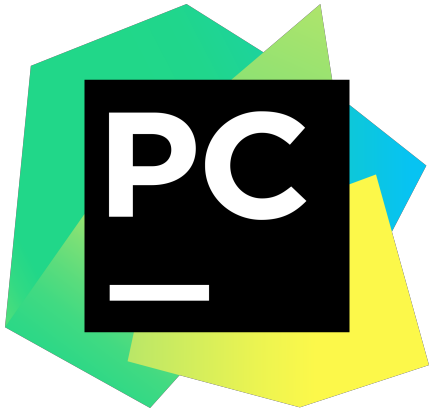


RIP Protocol



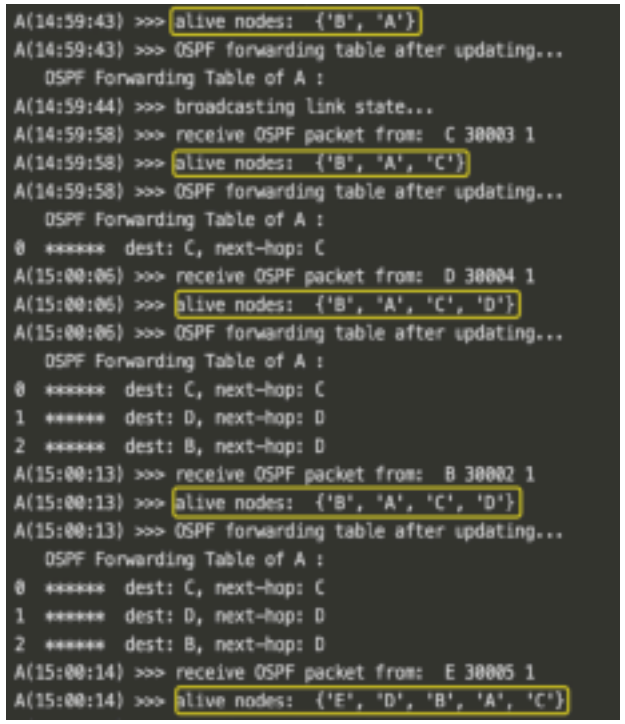
Our Experiments



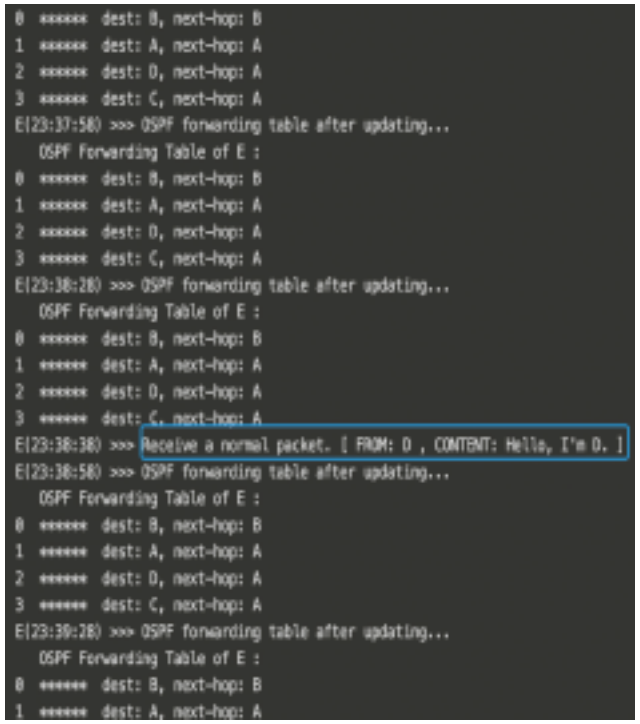


Results

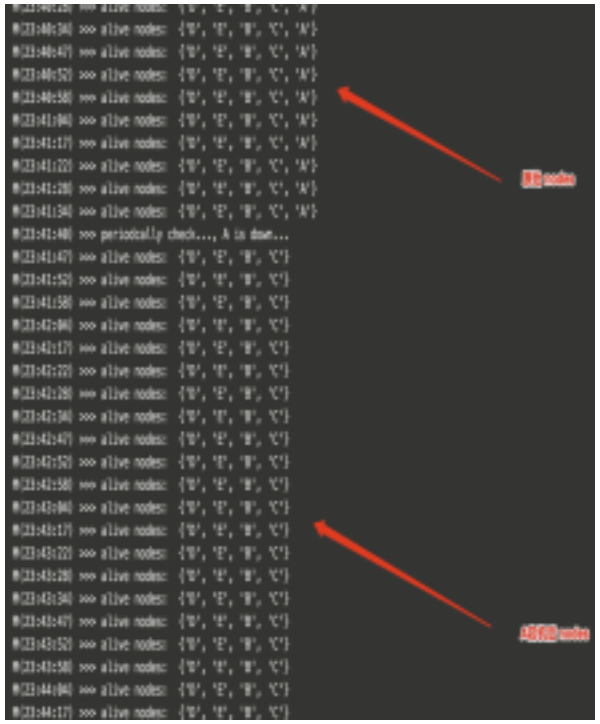
- Link State Broadcast



- Package Transmission



- Downing Detection



More Info …

- Demo on YouTube
- Code in
- Article in Jianshu 简
- Report

Collaborators

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THANK
YOU