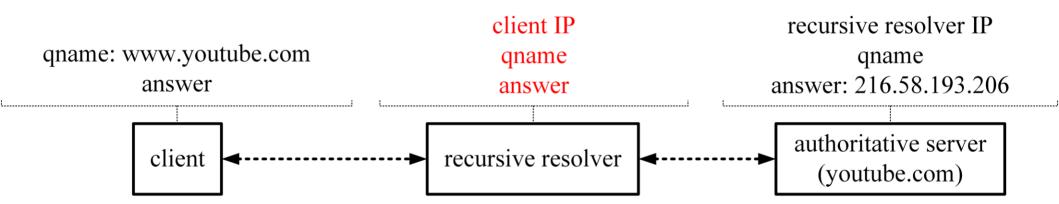
## **EPT: EDNS Privacy Tunnel for DNS**

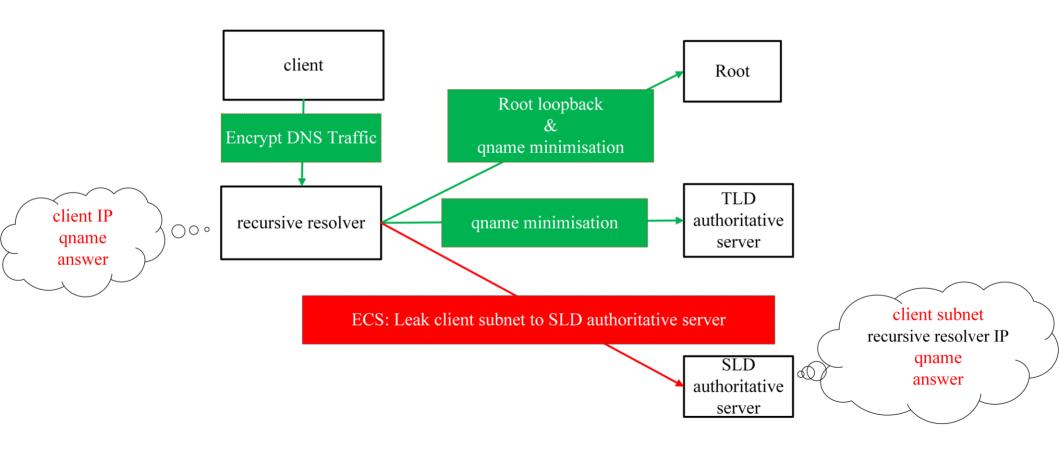
Lanlan Pan

abbypan@gmail.com

## **DNS Privacy Leakage**



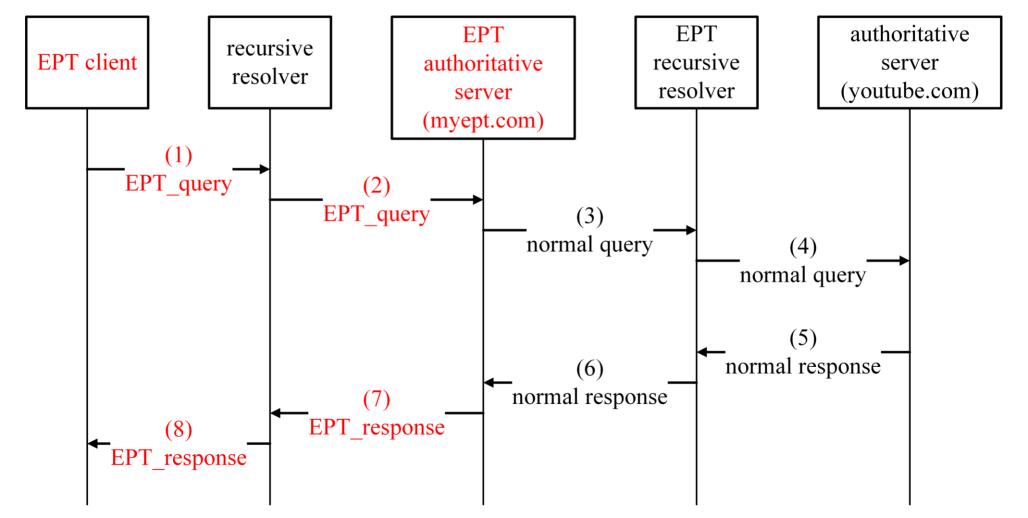
# **DNS Privacy Leakage**



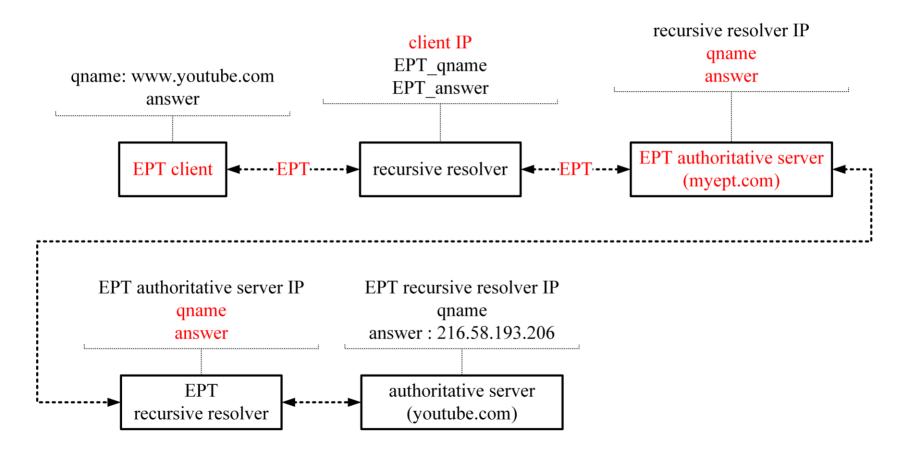
## EPT: privacy tunnel extension for DNS

```
OPTION-CODE
OPTION-LENGTH
Encrypt(qname,XOR_IP,Salt)
```

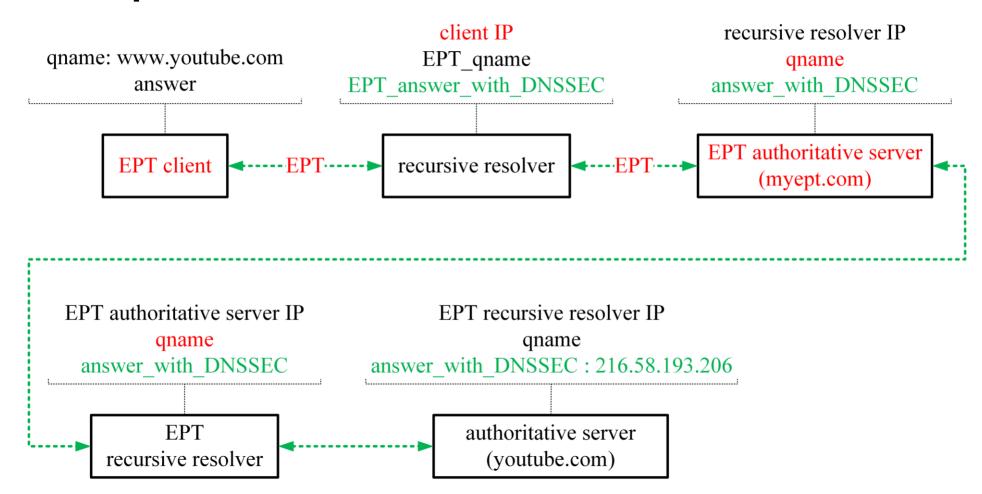
#### EPT authoritative server



# **EPT Privacy Protection**



## Compatible With DNSSEC



# Thank You