## **Treatment** - timestamp: u int8 t - cookie secret: u int64 t - \_densemap: google:: dense\_hash\_map<Data, Info, MyHashFunction> - ackmap: google:: dense hash map<Data, PacketInfo\*, MyHashFunction> - packet to inside: PacketContainer\* - packet to outside: PacketContainer\* + Treatment (pkt to inside: PacketContainer\*, pkt to outside: PacketContainer\*) + treat packets (): void + calc cookie hash (timestamp: u int8 t, extip: u int32 t, intip: u int32 t, extport: u int16 t, intport: u int16 t): u int32 t + check syn cookie (cookie value: u int32 t, d: Data): boolean + create cookie secret():u int64 t + increment timestamp (): void