**The Presentation of my part:**

之前我的两位同学说到了由于因特网的复杂性，因特网在将来势必会分裂成多个甚至无数个简单网络。我认为除了复杂性之外，现阶段最重要另一个问题就是安全性。这里的安全性又牵扯到两个方面，一个是国家间的安全性，另一个是广大个人用户的数据安全性。

首先说下国家安全。正如之前周超说的，由于历史原因，因特网总体上还是由美国政府主导的，无论是主流技术的应用，对信息的掌控，先进设备的地理位置全都集中在美国。之前美国政府的棱镜计划就是利用互联网巨头的数据库信息肆意搜集其它国家的信息，此外，全世办13台根服务器有9台位于美国，之前几周对于美国根服务器的进攻也促成了有些国家准备设立自己的独立域名系统，这也有可能导致互联网分裂。关于个人数据安全性被破坏的例子太多了，无数的密码和隐私资料经常被泄漏到外面造成不良影响，因特网的安全问题是最被人诟病的问题，无数公司每年花费数千亿元来保证自己的产品安全运营。一旦有了针对不同的用户群分化的专有网络，网络安全可以有质的飞跃，无论是隐私保护还是相关研发都可以有极大的改善。

关于安全我就说两点，最后我对我们组的观点做一个总结。现在全世界共用一张基于TCP/IP的因特网技术，这一张因特网会带来三个问题，一是一张网为了适应所有的服务必然只能采取一个折中的服务对于所有的应用进行妥协，二是任何一个个人或者团体只要有足够的技术实力都能接触到因特网上他想要的信息，三是一旦因特网发生了重大问题，找不到一个备用网络可以应急。如果一旦有一张针对不同用户的

My teammates have talked about two reasons that will lead the split of Internet. I will talk about the third point - the security of Internet. First, let's talk about national security. As what Chao mentioned before, currently United State is the leadership in Internet, it has the most advanced technology and most advanced facilities. With only one Internet, this will greatly affect other countries security. . For example, in the Prism event, US government utilized the DateBase from nine biggest IT companies to get a lot of critical information about other countries. Another example is about the attack to root server a few weeks ago. 9 out of 13 root servers are located at US, the attack makes many countries to fail to access to Internet. Recently, some countries has planed to set their own independent DNS, maybe it will cause the split of Internet soon. Besides national security, the other is personal security. Everyday, there are countless event about fraud in back account, disclosure of personal information. The security problem of the Internet has become a public frighten for internet users. And many companies spend huge amount of costs every year to ensure their network securities. Imagine that once if we have separated network for different group of people, network security will be much better, private info-protection and network development will be way improved.

In conclusion, one Internet will cause many problems. for service performance, the Internet has to provide a compromise performance for different services, for security, anyone or any organization can get what they want to get with enough technology. Furthermore, with only network, if something happened, there is no backup. So, a good way is to split the internet for different purpose and different target customers.

**The First Rebuttal:**

Many advantage of Internet, and the future trend of the Internet, but you did not mention the future challenge.

1. Multiple Network = TCP/IP -> SEVRCIE. DISCONNETED

There are many protocols can be used in current network. But the Internet is developed from TCP/IP. Other protocol is a complimentary. IP protocol is a good protocol, but it has its own disadvantage. Each service in current network is trade off of each other.

1. 数据共享。。。不是我们考虑的重点。。Our concern is about the structure, but not the capacity, so we do not care customer, because the  reason we want to change is structure, not capacity.

You mentioned scalability. But you only mentioned capacity. Undoubtedly, more and more people will join the network. But the capacity is not the most important thing; we care about the topology and the structure.

1. You mentioned customers do not know how to make a configuration. Actually, this is the detail of the implementation.

Largest growth is and will be in developed countries, we think so. The gap is huge, so a better way is to develop …

1. IP protocol has improved greatly.  Your solution is just fixing a small hole.

A network like a community, it grouped some kind of customers. For example, a person has different accounts for different networks. And in one place, maybe different networks exist together.

1. Security has not been mentioned. Because it developed from a secure and trustful environment, if for I of T, it will cause many problems.

**The Conclusion:**

At first, we restate the reason why we want to split the internet. Complexity and Security. For complexity, most of people have agreed current network cannot guarantee future`s development. To develop any softer ware, it will cost a larger amour of time and cost. If with different specific purposed network, the efficiency will be much better. For security, the open and transparent environment is not a good solution for all the services, especially of Internet of Things. We need separate network for some high-private fields. The negative team provides many details to rebuttal our opinion. Some are very helpful to develop our theories; some are so detailed that should not be discussed in a so high-level discussion. So, anyway, we think …