



Caso China

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Outernet

- Outernet Inc
 - Free distribution
 - Geostationary and LEO satellites
 - Cube sats
 - Datacasting
 - User Datagram Protocols



Outernet



- Analogo al broadcast de radio
 - Rebota la señal a los satélites y luego a los receptores
- La biblioteca de la humanidad
 - Project Gutenberg
 - 5k wikipedia articles
 - Copyright-free ebooks
 - File Delivery
 - On Demand Video
 - Interactive Weather Data
- Emergencias

The Great Firewall

- Social Control
 - Internet = freedom of speech
 - Dissemination of campaigns => protests against the government
- Sensitive content
 - Control information about the government and its dark history
- Economic protectionism
 - Use of local companies regulated by the government



The Great Firewall



Blocking methods:

- IP blocking
- DNS spoofing, filtering and redirection
- URL filtering
- Packet filtering
- Man-in-the-middle attack
- TCP connection reset
- VPN blocking
- Network enumeration

Umbrella Revolution

- Cause:
 - 2014-15 proposed reforms to the Hong Kong electoral system
- Goals:
 - Genuine universal suffrage
 - Retraction of the NPCSC decision
 - Abolition of functional constituencies if the Legislative Council of Hong Kong
 - Resignation of the Chief Executive Leung Chun-ying



Umbrella Revolution



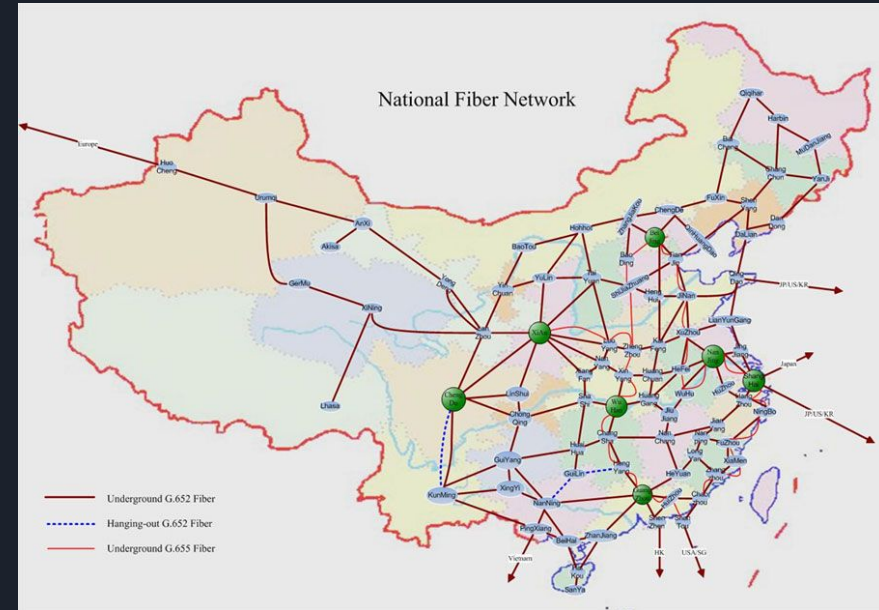
Results:

- No changes to the Committee of the National People's Congress decision on the electoral reforms and rejection of the reform by the Legislative Council
- Mobile street protests
- Public dissatisfaction with the pro-democracy camp
- Rises in localization and independence movements in Hong Kong
- Hong Kong government strengthen control over media and educational institutions
- Beijing government strengthen control over entertainment for young Hong Kong people

China Connections

Peculiarities:

- Online access routes are owned by the government
- Individuals and enterprises can only rent bandwidth from the government



Thanks!

