Reading the Bits

A Rapid Survey of Innovations in Protocol Analysis
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Lawsuits over Google Wi-Fi sniffing pile on

By Megan Willett
Gannett Co. Inc.

Just three weeks after admitting that it had secretly monitored data from users of home networks in 22 states, Google is now facing a new wave of lawsuits over its的做法.

This past April, the company acknowledged that it had been monitoring data from users of home networks in 22 states, but said it was only doing so to improve its services. But the news has sparked a new wave of lawsuits against Google.

[Lawyers to class action suit over Google's home network monitoring]

In addition to the lawsuits, Google has been criticized for its做法, which has included monitoring data from users of home networks in 22 states. The company has been accused of violating privacy laws.

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Lawsuits over Google Wi-Fi sniffing pile on

By Robert McMillan  
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Nearly three weeks after admitting that it had sniffed sensitive data from open wireless networks around the world, Google [1] is now facing at least seven U.S. class-action lawsuits over its practice.

The first lawsuit was filed on May 17 on behalf of Vicki Van Valin of Oregon and Neil Mertz of Washington. Since then, the lawsuits haven't stopped coming. Google is now facing two more cases in California courts, one in Illinois, two in Washington, D.C., and another in Florida [2], brought by Internet service provider Galaxy Internet Services.

[ Lawyers in class-action suit say Google
Caveats

- capture and storage non-trivial
- focus purely on interpretation
- not historian
- not complete
- not a timeline

Innovations

Future Explorations?

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Caveats

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Synchronized 3 window display
Synchronous

Coloring rules

Uniform
Uniform higher level address treatment
Autodiscovery of names
Stream reassembly
Expert analysis & troubleshooting
Utilization and trend analysis
Decryption support
High level parser authoring
Future Explorations?

- Fractal home of physics
- Home user accessible tools
- Correlations between synchronous captures
- Redundant diagnostic displays
- Graphic gesture controls
Home user accessible tools
Active probing for diagnostics & performance analysis
Fractal storage of history
Protocol sequence validation
Graphic gestural controls
Rich non-chartjunk displays
Correlations between synchronous captures
Future Explorations?

- Correlations between synchronous captures
- Home user accessible tools
- Active probing for diagnostics & performance analysis
- Fractal home of fibrinogen
- Graphic gesture controllers
- Real-time computer displays
QUESTIONS?