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WHAT TECHNOLOGY CAN'T DO

Replace parenting

Change a sinful heart

Completely protect a family



- Physical devices (Firewall, Routers)
- Computer Software (Anti-Virus, Anti-Malware)
- Parent Awareness



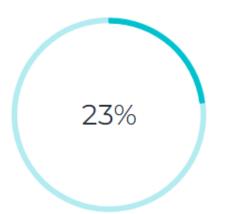
Inappropriate content facts and statistics



The NSPCC found that 56 % of 11-16 year olds have seen explicit material online



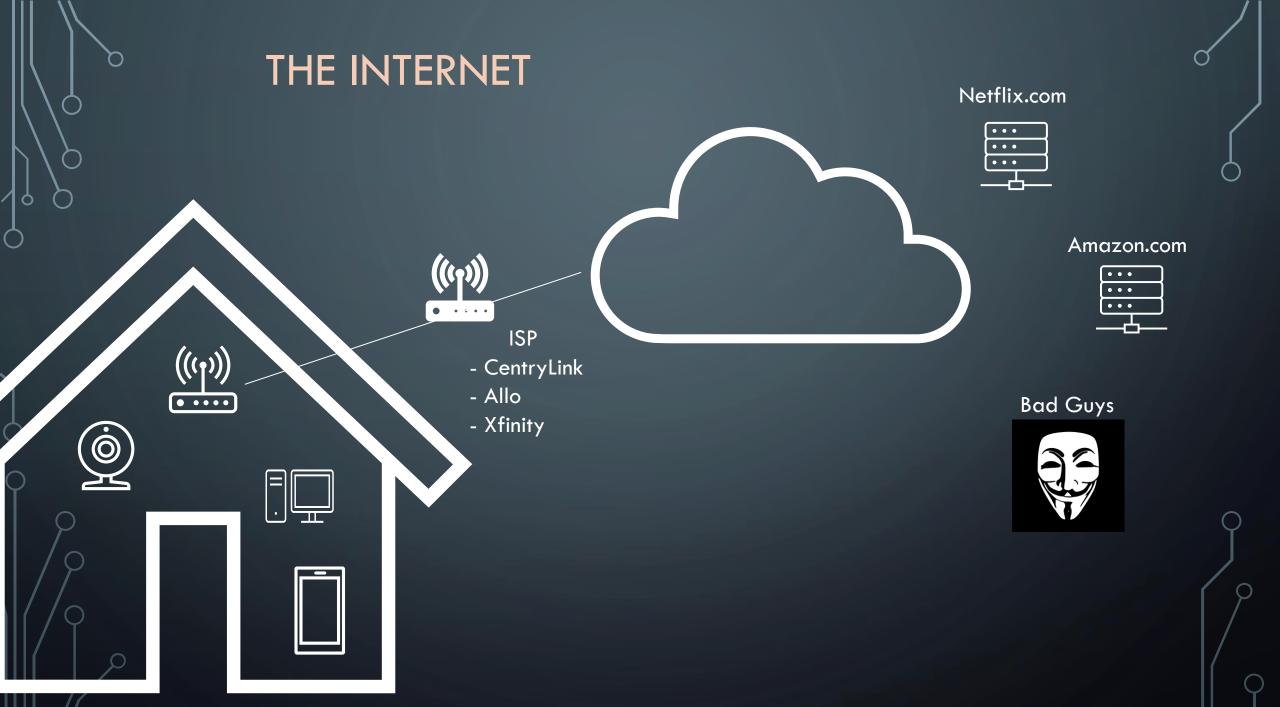
According to Ofcom , one in ten children aged 8 -11 who go online say they have seen something nasty or worrying online



Our research shows that over 23% of children have been exposed to hate speech online. While only 9% of parents are aware of their child's experience

We CAN do better!

WHAT TECHNOLOGY CAN DO



UNPROTECTED HOME NETWORKS

Modem



Router / Wi-Fi

















ISP

- CentryLink
- Allo
- Xfinity

PROTECTED HOME NETWORKS

Modem







- CentryLink

- Allo

- Xfinity

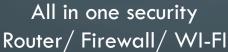
Router/Firewall





Modem









ISP All in one

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ROUTER (TRAFFIC COP) OPTIONS

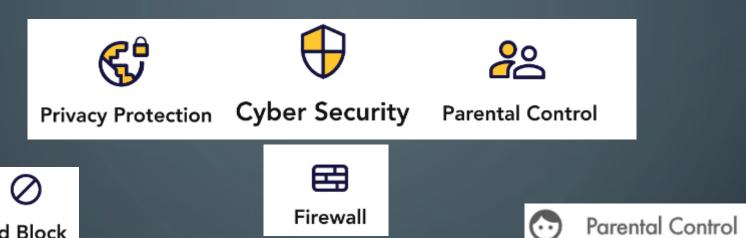
- Concepts achieved different ways
- Use what you have
- Upgrade when you need to

Firewalla	Ubiquity Dream router	What you already own
\$200-\$600	\$200-300	\$0
400 – 10 gig	700 mbs	ŚŚ
3 devices	All in one	ŚŚ





MAGIC AT ROUTER (TRAFFIC COP)





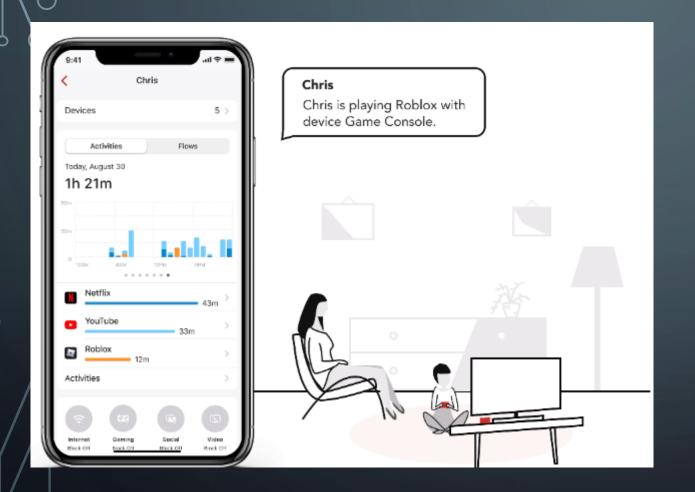
Ad Block







PARENTAL CONTROL

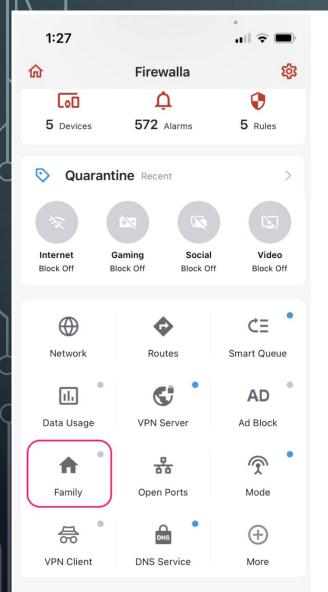


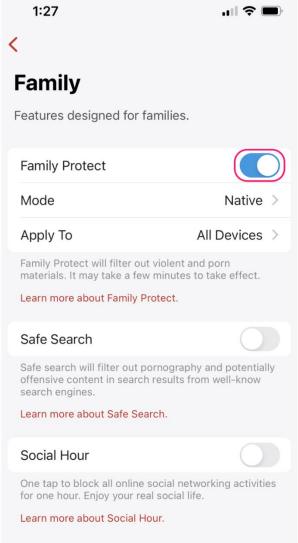
Parenting is a tough job, but Firewalla makes things easier. With a simple tap of a button, you can:

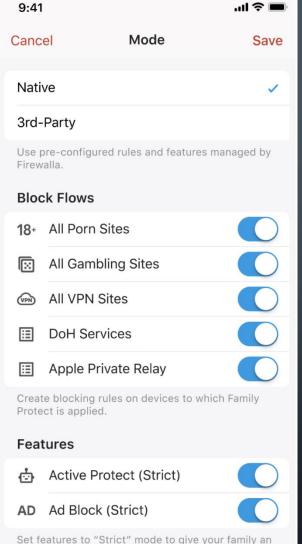
- •Restrict internet access
- •Stop any devices from playing online games
- Block social networking
- Monitor online activity
- •Receive online activity alerts
- •Block malicious and adult content
- •Block popular applications
- •Automatically schedule any of the rules above











extra protection.

Family Protect automatically blocks access to sites with pornographic and violent content.

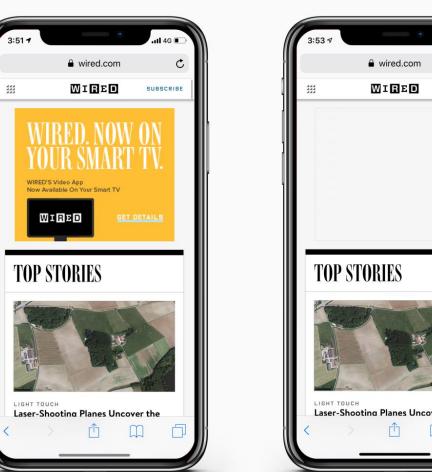
Turn it on by tapping the **Family** button on your Firewalla's main page or in the Features list, then toggling **Family Protect** on. You can choose which devices you apply it to.

AD - BLOCK









AdBlock Off



AdBlock On

Website ads and trackers have been frustrating internet users for years

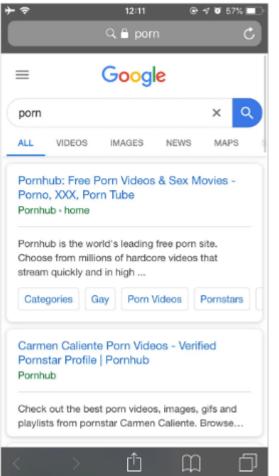
Firewalla's built-in ad blocker makes sure you don't see ads and the ads don't see you.

•Block ads across all devices

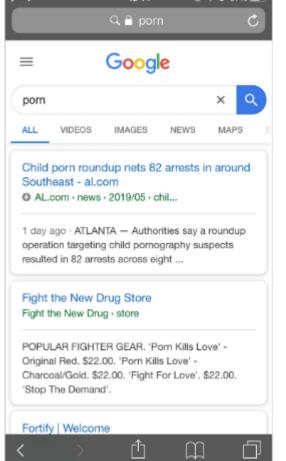


SAFE SEARCH

Safe Search is Off



Safe Search is On

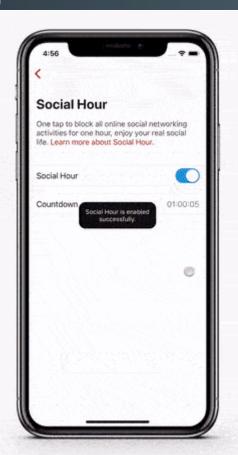


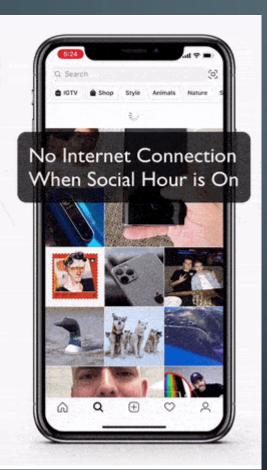
Safe Search is a feature used by major search engines like Google Search, YouTube, Bing, and DuckDuckGo to filter adult content out of search results.

If anyone enters an inappropriate or suggestive phrase in the search bar, the results will be filtered for offensive content.

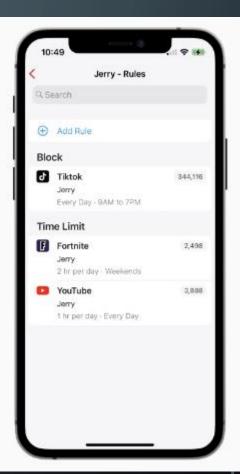


SCHEDULED RULES PER DEVICE





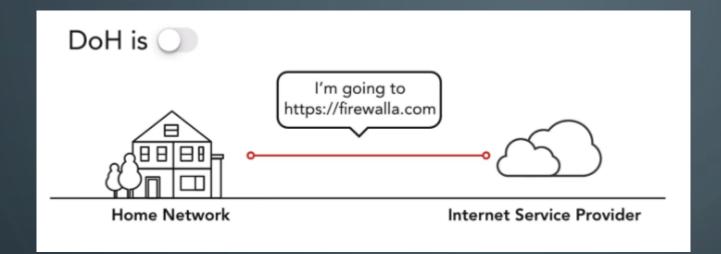


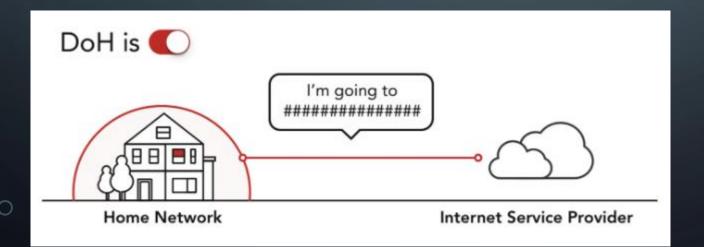




Cyber Security

DNS OVER HTTPS



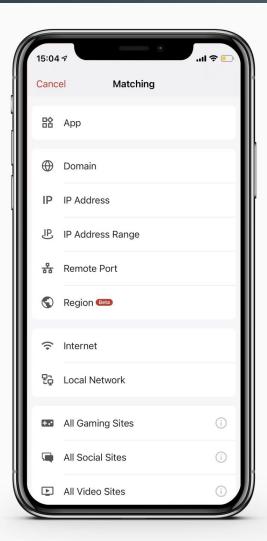


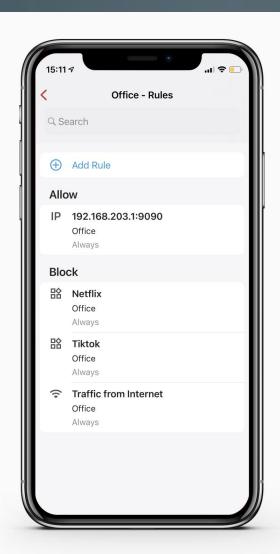
Traditionally, DNS requests are sent in plain text between the client and the DNS server.

DNS over HTTPS (DoH) sends DNS requests encrypted over HTTPS. It makes DNS exchange more secure and protects user privacy.



BLOCK INCOMING BAD TRAFFIC

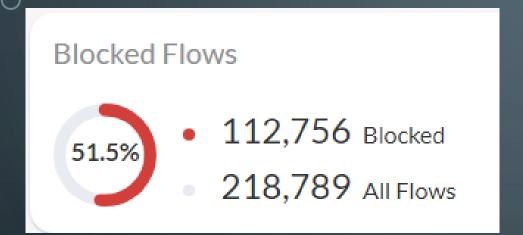


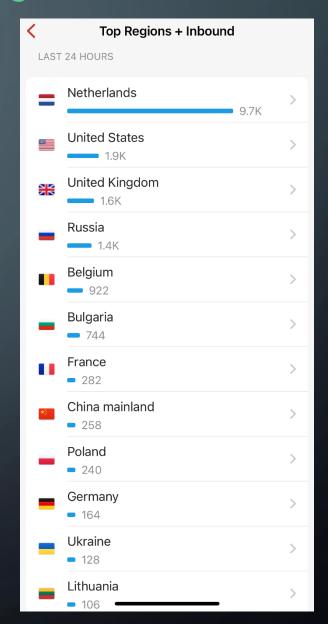


- •Block domains or domains with wildcards.
- •Block IP addresses and subnets
- •Block activities such as
 - •gaming,
 - social,
 - •video,
 - •porn,
 - •gambling
- Block based on location and region
- Block any port
- •Get notified when devices are online or offline
- •Give exceptions to blocking rules

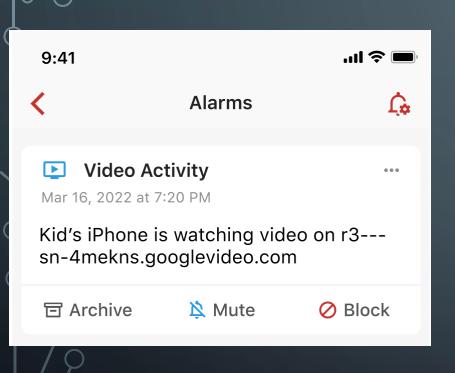


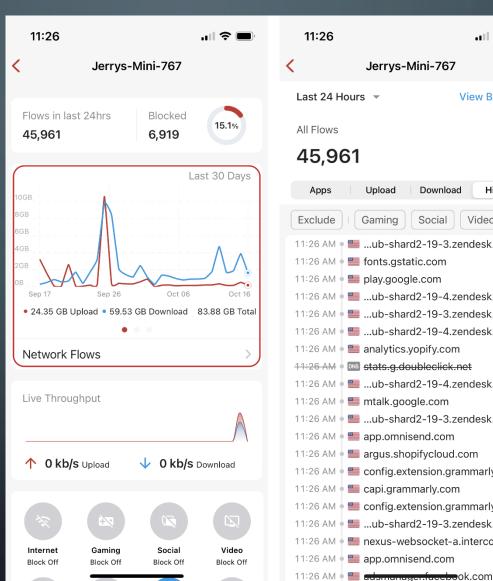
BAD TRAFFIC - RESULTS

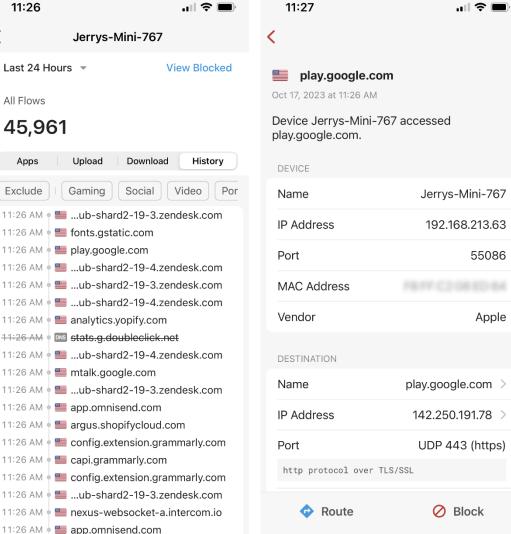


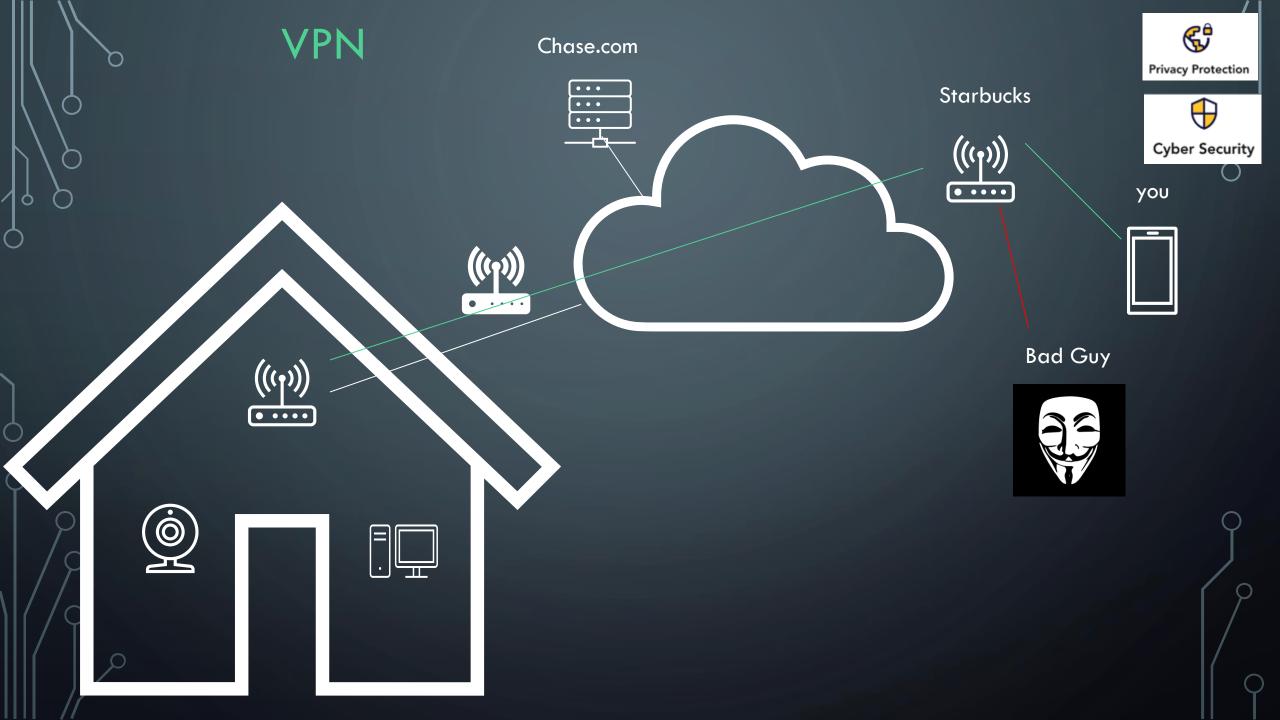


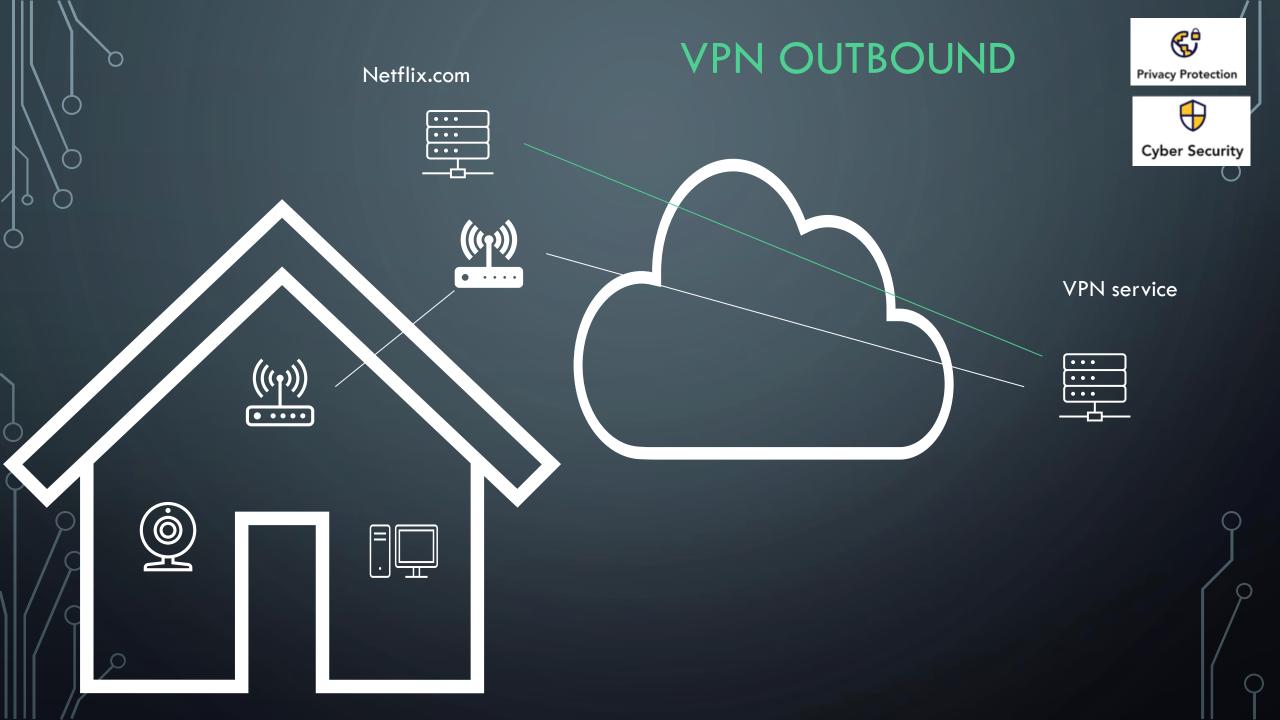
LOGING AND MONITORING



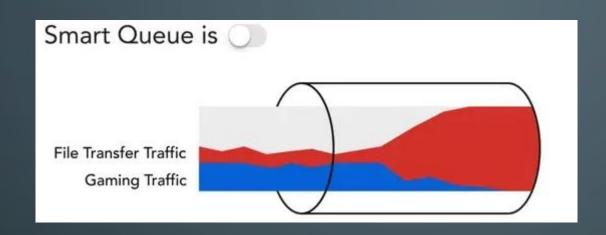


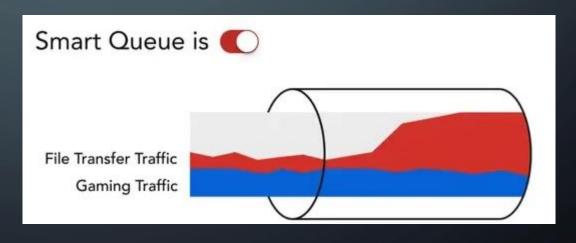






TRAFFIC SHAPING - THROTTLE





QUESTIONS?



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