

Name(s) _____ Period _____ Date _____



Activity Guide - Research: DNS in the Real World¹

Directions

Carefully read and analyze your resource with your group. After you have finished you will share your analysis with other members of the class as directed by your teacher.

Resource: _____

Summary:

Key Points:

-
-
-
-

Other Facts:

¹ Adapted from: <http://www.adlit.org/pdfs/strategy-library/jigsaw.pdf>

Jigsaw

Join a new group as directed by your teacher and share what you each learned. Record the name of the topic and the key points of interest shared with you in the space below.

Name:	Name:	Name:
Key Points:	Key Points:	Key Points:

Name:	Name:	Name:
Key Points:	Key Points:	Key Points:

Articles List

1. Growing Threat of DDoS on DNS

<http://www.information-age.com/technology/security/123459033/growing-threat-ddos-attacks-dns>

2. The Details Behind a Denial of Service Attack: What it is, Why it Matters, and What You can do to Stop it

<http://www.business2community.com/tech-gadgets/the-details-behind-a-denial-of-service-attack-what-it-is-why-it-matters-and-what-you-can-do-to-stop-it-01241089>

3. How to Launch a 65Gbps DDoS, and How to Stop One

<https://blog.cloudflare.com/65gbps-ddos-no-problem/>

4. How DNS Works

<http://www.pcworld.com/article/2889392/like-google-in-vietnam-lenovo-tripped-up-by-a-dns-attack.html>

5. DDoS Attacks Against NATO Likely DNS Amplification or NTP Reflection, Expert Suggests

<https://www.scmagazine.com/home/news/ddos-attacks-against-nato-likely-dns-amplification-or-ntp-reflection-expert-suggests/>

6. DNS Flood DDoS Attack Hit Video Gaming Industry with 90 Million Requests per Second

<http://thehackernews.com/2014/06/dns-flood-ddos-attack-hit-video-gaming.html>

St. Louis Federal Reserve Suffers DNS Breach

<http://krebsonsecurity.com/2015/05/st-louis-federal-reserve-suffers-dns-breach/>

China Great Firewall Causing DDoS Attacks

<http://www.forbes.com/sites/thomasbrewster/2015/01/26/china-great-firewall-causing-ddos-attacks/>

Turkish ISPs Intercept Google DNS Service to Spy on Internet Users

<http://www.techtimes.com/articles/4998/20140331/turkish-isps-intercept-google-dns-services-to-spy-on-internet-users.htm>

DDoS Attacks Double But Could go Bigger Still With IPv6

<http://www.scmagazineuk.com/ddos-attacks-double-but-could-go-bigger-still-with-ipv6/article/415736/>

New Zealand Internet Providers Threatened with Legal Action for Providing Access to US Netflix

<http://thenextweb.com/insider/2015/04/10/new-zealand-internet-providers-threatened-with-legal-action-for-providing-access-to-us-netflix/>