

# Categories

All Deepfield deployments have a category dimension. This dimension provides a high-level of abstraction for sites and services to aid reporting.

There are 24 categories currently.

## Web

- Sites that primarily provide static or social content
- Example sites (but not limited to): facebook.com, apple.com, google.com, tumblr.com, and instagram.com

## Video

- Sites and traffic that primarily deal with streaming video
- Example sites (but not limited to): netflix.com, youtube.com, twitch.tv, hulu.com, and streaming.amazon.com

## Science

- Sites about science
- Example sites (but not limited to): jstor.org, nih.gov, es.net, and blackboard.com

## VPN (Virtual Private Network)

- Example sites (but not limited to): privateinternetaccess.com, btguard.com, anchorfree.com, and expatshield.com

## NTP (Network Time Protocol)

- UDP traffic going to NTP specific ports or going to known time servers
- Example site (but not limited to): ntp.org

## Measures

- Sites that measure speed and other things about the Internet
- Example sites (but not limited to): speedtest.com and speedtest.comcast.net

## Storage

- Sites that provide external storage options
- Example sites (but not limited to): dropbox.com, box.com, store.live.com, and drive.google.com

## Backup

- Sites that provide back up services
- Example sites (but not limited to): carbonite.com, crashplan.com, backblaze.com, mozy.com, and backup.barracuda.com

## Remote Access

- Any SSH or telnet or remote desktop related behavior and related sites
- Example sites (but not limited to): teamviewer.com, logmein.com, join.me, and webex.com

## DNS (Domain Name System)

- Traffic and Sites related DNS servers
- Example sites (but not limited to): dns.google.com and.opendns.com

## File Sharing

- Example sites (but not limited to): 4shared.com, bitshare.com, pleer.com, aclst.com, and keep2share.cc

## Downloads

- Example sites (but not limited to): adobe-download.com, appstore.amazon.com, and download.cnet.com

## Mail (email)

- Mail protocol traffic and related sites
- Example sites (but not limited to): mail.yahoo.com, gmail.com, mail.microsoft.com, mail.aol.com, and mailchimp.com

## Audio

- Example sites (but not limited to): pandora.com, spotify.com, soundcloud.com, streamingaudio.itunes.apple.com, and iheart.com

## Games

- Sites that provide or host gaming related activities
- Example sites (but not limited to): xboxlive.com, playstation.net, king.com, zynga.com, ea.com, valve.com, and blizzard.com

## Education

- Education related sites
- Example sites (but not limited to): pearson.com, coolmath-games.com, cengage.com, scholastic.com, and khanacademy.org

## P2P (Peer to Peer)

- Defined partially by traffic behavior, including p2p trackers, people in conversation with p2p trackers and seedboxes, networks of people talking to each other.
- Example sites (but not limited to): bittorent.com, zillondata.net, xirvik.com, kickasstorrents.com, and thepiratebay.com

## DDoS (Distributed Denial-Of-Service) attacks

- Defined by behavior like malicious traffic patterns and common DDOS attacks (e.g. SYN flood, IP spoofing, amplification attacks, etc.)

## Adult

- Sites whose content is sexual or erotic in nature
- Example sites (but not limited to): xvideos.com, swiftwill.com, pornhub.com, xhamster.com, redtube.com, and videosz.com

## Usenet

- Sites and traffic related to a distributed Internet discussion system
- Example sites (but not limited to): usenetnow.com, nsenetserver.com, xusenet.com, usnet.nl, and frugalusenet.com

## Scanning

- Sites that scan the Internet for either research or malicious purposes
- Example research or commercial sites (but not limited to): ant.isi.edu, ipv4scan.com, and esearchscan.eecs.umich.edu

## VOIP (Voice Over IP)

- Sites and traffic that deliver voice communication over the Internet Protocol
- Example sites (but not limited to): talk.google.com, skype.com, vonage.com, pinger.com, and gogii.com

## Messaging

- Internet messaging services and sites
- Example sites (but not limited to): kik.com and whatsapp.com

## Malware

- Defined by behavior and open source or commercial security lists (e.g. Google's Safe Browsing)

## Bitcoin

- Publicly published lists of bitcoin nodes
- Example sites (but not limited to): ghash.io, bitcoin.org, coinbase.com, bitcoin.cz, and dogecoin.com

## Other

- Everything that does not fit into one of the above categories.