

The Deep Web

Information Assurance Club

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What is it?

- World Wide Web content that is not part of the Surface Web and is indexed by search engines.
- Most content that is not readily accessible using standard means (i.e. search engines).
- For example, web pages regarding private user accounts are in the deep web (Private Info).
- The Deep Web is the majority of online content, estimated to be 400-550 times larger than the surface web.

Surface Web vs. Deep Web

Surface Web

- Entries are statically generated
- Linked Content (web crawled)
- Readily accessible through any browser or search engine unlike the Deep Web, which requires special search engines, browsers, and proxies to access.

Deep Web

- Entries are dynamically generated (submitted to a query or accessed via form).
- Unlinked Content
- Contextual Web
- Private Web
- Scripted Content
- Non-HTML content
- Limited Access Content (anti-robot protocols like CAPTCHA)

An iceberg floating in the ocean, used as a metaphor for the levels of the web. The tip of the iceberg is above the water line, representing the visible web. The much larger part of the iceberg is submerged below the water line, representing the hidden or 'underground' web. The image is divided into three horizontal sections by green lines, corresponding to the three levels of the web.

Level 0 Web - Common Web

EVERYTHING!

Level 1 Web - Surface Web

- Reddit
- Digg
- Temp Email Services
- Newgrounds
- Vampire Freaks
- Foreign Social Networks
- Human Intel Tasks
- Web Hosting
- MYSQL Databases
- College Campuses

Level 2 Web - Bergie Web

- FTP Servers
- Google Locked Results
- Honeypots
- Loaded Web Servers
- Jailbait Porn
- Most of the Internet
- 4chan
- RSC
- Freehive
- Let Me Watch This
- Streams Videos
- Bunny Tube

Level 3 Web - Deep Web

- "On the Vanilla" Sources
- Heavy Jailbait
- Light CP
- Gore
- Sex Tapes
- Celebrity Scandals
- VIP Gossip
- Hackers
- Script Kiddies
- Virus Information
- FOIE Archives
- Suicides
- Raid Information
- Computer Security
- XSS Worm Scripting
- FTP Servers (Specific)
- Mathematics Research
- Supercomputing
- Visual Processing
- Virtual Reality (Specific)

Tor required after this point...

Not just TOR is used for access to this information.

- Eliza Data Information
- Hacking Groups FTP
- Node Transfers
- Data Analysis
- Post Date Generation
- Microsoft Data Secure Networks
- Assembly Programmer's Guild
- Shell Networking
- AI Theorists
- Cosmologists/MIT

Level 4 Web - Charter Web

- Hardcandy
- Onion IB
- Hidden Wiki
- Candy cane
- Banned Videos
- Banned Movies
- Banned Books
- Questionable Visual Materials
- Personal Records
- "Line of Blood" Locations
- Assassination Box
- Headhunters
- Bounty Hunters
- Illegal Games Hunters
- Rare Animal Trade
- Hard Drugs Trade
- Human Trafficking
- Corporate Exchange
- Multi-Billion Dollar Deals
- Most of the Black Market

Closed Shell System required after this point...

- Tesla Experiment Plans
- Scat CP
- Hardcore Rape CP
- Snuff CP
- Group CP
- WW2 Experiment Successes
- Josef Mengele Successes
- Location of Atlantis
- Crystalline Power Metrics
- Broder's Engine Plans
- Paradigm Recalescence
- Forward Derivatal Supercomputation
- AI in a Box
- CAIMEO (AI Superintelligence)
- The Law of 13's
- Geometric Algorithymic Shortcuts
- Assassination Networks
- Nephilism Protocols

Level 1- The Surface Web

- The web that the vast majority of internet users are accustomed to.
- Accessible in any nation that does not block internet access, even places like China and Egypt.
- Social media sites like Facebook, informational websites like Wikipedia, general websites, etc.

Level 2-The Bergie Web

- The layer of the Surface Web that is blocked in some nations. Some other information is only accessible through illegal means.
- Google locked results
- Recently web crawled old content
- Pirated Media
- Pornography

Level 3-The Deep Web

- Requires a proxy or two (namely Tor) to access.
- Contains most of the archived web pages of the 1990s Web that did not renew their domain names and such.
- Government / Business / Collegiate Research.
- Hackers / Script Kiddies / Virus Information.
- Illegal and Obscene Content (CP, Gore, Suicides, etc.)

Level 4- The Charter Web

- Like the Regular Deep Web, but harder to get into and more illegal content.
- Advanced covert government research.
- Most of the internet black market (run on bitcoins)
- Human / Arms / Drug / Rare Animal Trafficking.
- Assassination networks , bounty hunters, illegal game hunting, line of blood locations, etc.
- More banned obscene content like CP, Gore, etc.

Level 5-Marianas Web

- Lowest known level of the Deep Web.
- Named after the Spanish Technician who created it.
- Extremely difficult to access, users say it is the safest part of the internet due to how private it is.
- Julian Assange and other top-level Wikileaks members are believed to have access.

Rumored Levels 6-8

- Mostly the stuff of conspiracy theorists.
- Level 6 is a giant firewall meant to prevent people from going any further.
- Level 7 “The Fog” is where various worldwide power-players jockey for control of PrimArch. Said to be very dangerous, full of viruses and such.
- Level 8 is called PrimArch and is claimed to be controlled by an extremely powerful AI (possibly running on a quantum computer).

Ethical Uses

- Some organizations such as BrightPlanet claim the Deep Web has higher quality articles than the surface web (3 to 1 quality ration) , and a lot more of them. Deep Web capable search engines like ipl2 and Infomine can be used to find them.
- Dig deep enough and you will find some interesting information about past and present experiments and research.
- Assuming you use them ethically, there are hacking/ virus creation tutorials and information as well as a large community of hackers and script kiddies to learn from.

How to Access Safely

- Vertical and Split Searching
- Proxies (namely Tor) and AV programs.
- Turn off ALL plug ins before accessing (especially the shady parts).
- If your computer has a webcam, remove or obstruct it.
- Stay away from anything that looks remotely criminal or suggestive.
- Use a safe, private network connection (DO NOT USE THE IUP WIFI)

Additional Resources

- <http://deepweb.us/>
- <http://quod.lib.umich.edu/cgi/t/text/text-idx?c=jep;view=text;rgn=main;idno=3336451.0007.104>
- <http://www.internettutorials.net/deepweb.asp>
- <http://unpromisedone.blogspot.com/2011/09/information-about-deep-web.html>
- <http://cyberwarzone.com/cyberwarfare/darknet-marianas-web-and-other-levels>
- http://en.wikipedia.org/wiki/Deep_Web