

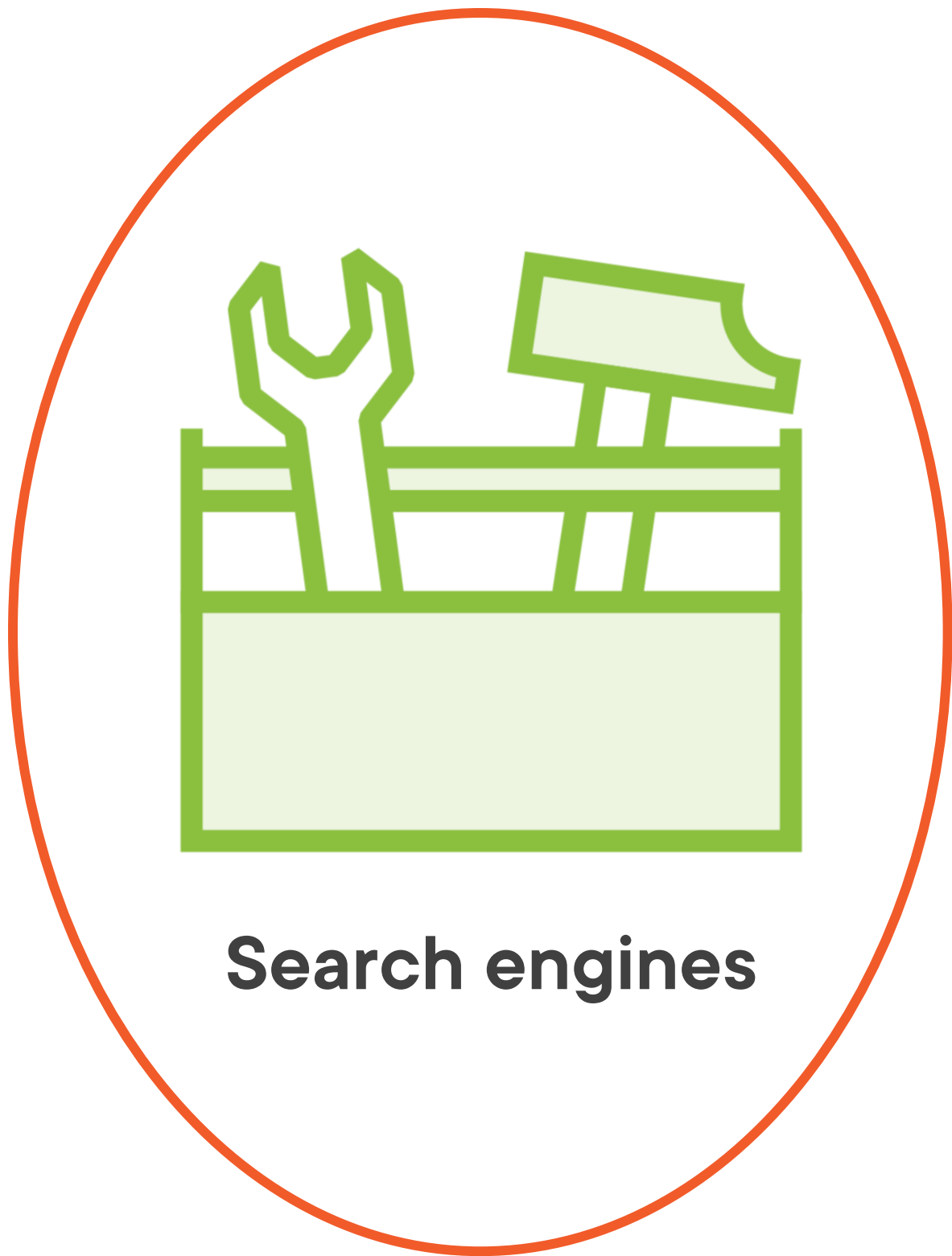
Using Search Engines against a Target



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Search engines

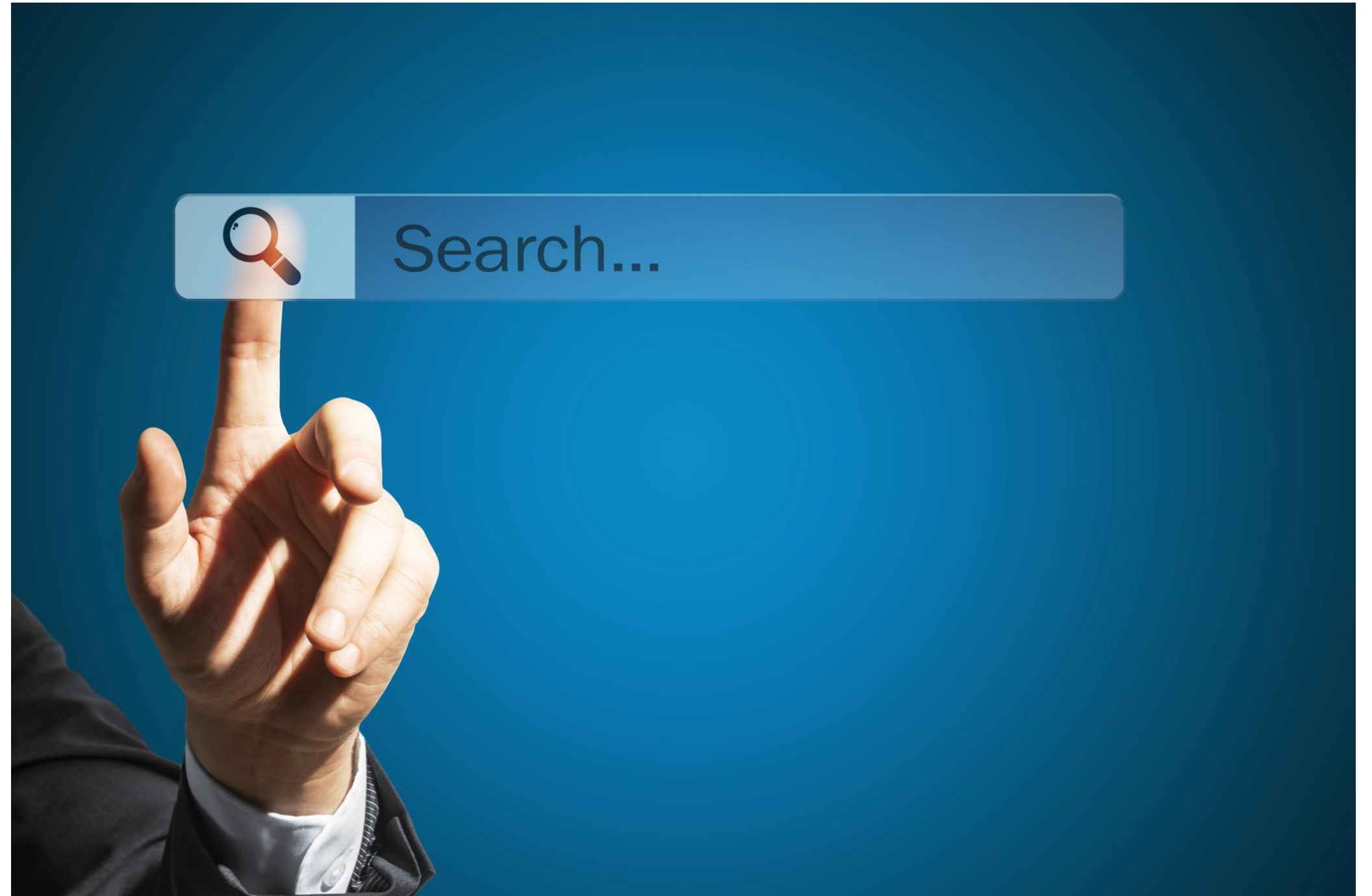


Websites



Applications

Search engines
Company website
Company giveaways
Employees



Demo



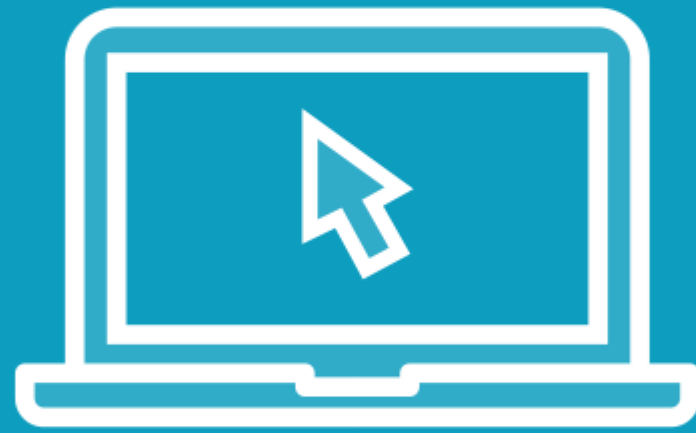
Google Advance Search

Demo



Google hacking

Demo



Using the Basic Operators

Advanced Google Operators

Advanced Operators



Cache:

Displays Google's cached version

Link:

Show a list of web pages that have links to your target

Related:

Similar web pages

Info:

View information Google has on the target

Site:

Limits results to just the domain listed

More Advanced Operators

allintitle:

Limits results to those websites with **ALL** the search words in the title

intitle:

Limits results to documents that contain the search word in the title

allinurl:

Limits results to only those webpages with **ALL** search words in the URL

inurl:

Limits results to documents that contain the search word in the URL



Demo



Advanced Google Hacking

What We Can Find with Google Hacking

Understanding is Everything

Devices and appliances

Default settings

Accessible via browser

Application defaults

Internet printing

Internet cameras

Server defaults

Think outside the box

Directories: intitle:index.of.
(Admin directories?)

Find specific files
(Logs, password files,
by file extension)

Web servers

Directory traversal

Extension walking



Demo



More Google Hacking

Demo



Using the Google Hacking Data Base (GHDB)



Demo



Other Search Engines

- Image searching
- Video search engines
- FTP searching
- Finding VPN and VoIP

Demo



Discovering IoT Devices on Shodan

Learning Check

Learning Check



Inurl:



Filetype:



Cache:



No space between operator and keyword



Napalm FTP Indexer



Up Next:

Capturing Intel through Web Services
