

Shodan.io Cheat Sheet by j.johnson138 via cheatography.com/147102/cs/31937/

Common Commands		
search	Searches Shodan and outputs results in a terminal-friendly manner	
count	Returns the number of results for a search query	
stats	Shows statistics using specified facets through a search query	
version	Outputs the version of Shodan that is installed	
host [ip]	Shows more information about the given host	
myip	Shows your own IP address	
download*	Downloads the results in JSON format	
parse	Allows you to parse a JSON download	
domain	Shows more information about the domain	
*Only downloads the first 1000 results by default.		

Common Flags		
limit	Limits the number of results	
fields	Comma-separated list of desired fields	
sepa- rator	Specifies the separator between fields	
facets	Used with stats command; comma-separated list of facets	

Common Search Fields		
ip_str	The IP address of the banner	
asn	The ASN or "block" of IP addresses the banner belongs to	
net	Specifies the network the banner belongs to	
port	The port number of the banner	
org	The organization logged in the banner	
hostname	Hostname for the banner	
os	The operating system	
country	The country of the banner	
city	The city of the banner	

Common Facets		
port	Sorts results by port number	
org	Sorts results by organization	
city	Sorts results by city	
country	Sorts results by country	
ip	Sorts results by IP address	

Common Facets (cont)		
domain	Sorts results by domain name	
os	Sorts results by OS	
state	Sorts results by state	

Example Commands				
shodan searchfields ip_str,port,org,hostnames microsoft iis 6.0	Displays results with the given columns for "microsoft iis 6.0"			
shodan host 144.756.3- 24.535	Displays information about the host			
shodan count microsoft iis 6.0	Outputs the number of results			
shodan download Data microsoft iis 6.0	Downloads results to a JSON file named "Data"			
shodan parsefields ip_str,port,orgseparator , Data.json.gz	Analyzes the JSON file and outputs the columns with a comma as the separator			
domain google.com	Shows information about the domain			
shodan searchlimit 100 hostname:my_computer	Searches for endpoints with the hostname "my_computer" and restricts to 100 results			
shodan statsfacets port net:198.20/16	Searches for devices on the network and sorts results by port number			

Common Shodan.io Website Search Filters		
ip		
asn		
country		
hostname		
port		
os		
version		
tag*		
vuln*		
Without any filters, Shodan.io only searches the data portion of a		
banner.		
*requires premium Shodan subscription		



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