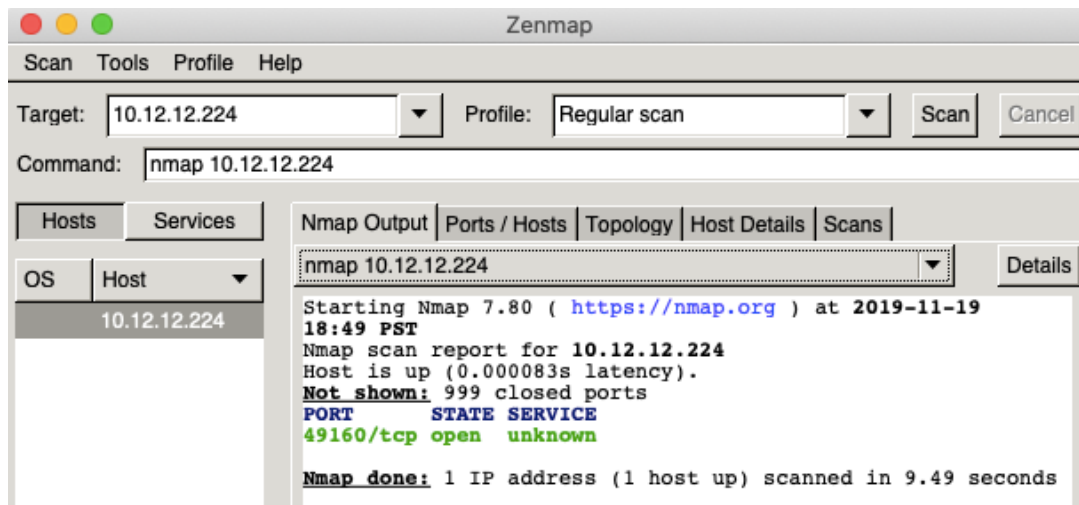








































































1. Go to the download site and review the information about nmap. <https://nmap.org/download.html> (Links to an external site.)
2. Download and install it on your PC. nmap will scan and discover PCs and Macs and Printers. Like most business tools, it is not likely that it will run on a Mac. If you have a Mac without Virtual PC, then you should try it on a PC.
3. After installing, find out your IP address. You can use the Ipconfig command prompt to find out what your address is. Mine was 10.0.0.8. Yours will probably be something else.
4. Then on the scan line type something like the following: 10.0.0.0/4. 0.0.0 is my network address. Yours will most likely be different. Again, use your own IP numbers.
5. Then press the scan. This will take 10 minutes or so and will produce a longish report.
6. If done correctly, the report will identify open ports and their status and name of your computer and others in the network and your printers etc.
7. Highlight all main items and copy and paste into a Word document and send submit it.



In this exercise, you will download the Acrylic Wi-Fi Scanner, a wonderful tool. As you will notice, this tool can display Mac addresses of all Wi-Fi devices including your cell phone. You may white out part of the Mac address, if you wish so.

SSID	BSSID	Alias	Ch...	Band	Security	Vendor	Mode	Level (SNR)	Signal	Signal...	Avg	Max	Min	Noise	Nois...	Last seen
 #SFLibr...	8A:15:54:50:F4...		153	5GHz	Open	8A:15:54	ac	 -91	9%	-89	-87	-91	-96	4%	now	
 Stacks&S...	86:15:54:50:FD...		48	5GHz	WPA2 Personal	86:15:54	ac	 -82	18%	-82	-81	-83	-96	4%	now	
 #SFLibr...	8A:15:54:50:E8...		44	5GHz	Open	8A:15:54	ac	 -75	25%	-76	-75	-77	-96	4%	now	
 Stacks&S...	86:15:54:50:F4...		153	5GHz	WPA2 Personal	86:15:54	ac	 -90	10%	-90	-89	-92	-96	4%	now	
 #SFLibr...	8A:15:54:50:D9...		36	5GHz	Open	8A:15:54	ac	 -89	11%	-88	-85	-90	-96	4%	now	
 #SFLibr...	8A:15:54:50:D4...		44	5GHz	Open	8A:15:54	ac	 -89	11%	-90	-89	-90	-96	4%	now	
 #SFLibr...	8A:15:54:50:D4...		48	5GHz	Open	8A:15:54	ac	 -90	10%	-92	-90	-92	-96	4%	now	
 Verizon-M...	00:15:FF:DA:B7...		149	5GHz	WPA2 Personal	Novatel	ac	 -88	12%	-89	-87	-89	-96	4%	now	
 Stacks&S...	86:15:54:50:F4...		36	5GHz	WPA2 Personal	86:15:54	ac	 -80	20%	-80	-79	-80	-96	4%	now	
 LSC Guest	F2:9F:C2:71:80...		6	2.4GHz	WPA2 Personal	F2:9F:C2	b/g/n	 -76	24%	-75	-74	-76	-96	4%	now	
 #SFLibr...	8A:15:54:50:DA...		40	5GHz	Open	8A:15:54	ac	 -78	22%	-78	-76	-78	-96	4%	now	
 Stacks&S...	86:15:54:50:DE...		40	5GHz	WPA2 Personal	86:15:54	ac	 -91	9%	-92	-90	-92	-96	4%	now	
 Stacks&S...	86:15:54:50:DA...		40	5GHz	WPA2 Personal	86:15:54	ac	 -78	22%	-79	-77	-90	-96	4%	now	
 Platform9...	B2:15:54:50:D4...		44	5GHz	WPA2 Enterprise	B2:15:54	ac	 -	0%	-90	-90	-90	-	0%	1min 21s ago	
 Verizon-M...	28:80:A2:25:E8...		149	5GHz	WPA2 Personal	Novatel	ac	 -90	10%	-88	-86	-90	-96	4%	now	
 Stacks&S...	86:15:54:50:E1...		153	5GHz	WPA2 Personal	86:15:54	ac	 -90	10%	-90	-88	-92	-96	4%	now	
 #SFLibr...	E2:CB:AC:50:F...		48	5GHz	Open	E2:CB:AC	ac	 -89	11%	-87	-85	-89	-96	4%	now	
 Stacks&S...	86:15:54:50:DF...		149	5GHz	WPA2 Personal	86:15:54	ac	 -76	24%	-75	-75	-76	-96	4%	now	
 Stacks&S...	86:15:54:50:EE...		48	5GHz	WPA2 Personal	86:15:54	ac	 -87	13%	-86	-85	-87	-96	4%	now	
 cjeje	00:AE:FA:5F:19...		11	2.4GHz	WPA2 Personal	Murata	b/g/n	 -57	43%	-58	-57	-60	-96	4%	now	
 Verizon-M...	28:80:A2:25:E8...		11	2.4GHz	WPA2 Personal	Novatel	b/g/n	 -75	25%	-75	-72	-78	-96	4%	now	
 Stacks&S...	86:15:54:50:D9...		36	5GHz	WPA2 Personal	86:15:54	ac	 -87	13%	-88	-86	-90	-96	4%	now	
 #SFLibr...	8A:15:54:50:F4...		36	5GHz	Open	8A:15:54	ac	 -80	20%	-81	-79	-88	-96	4%	now	
 Stacks&S...	02:18:5A:14:60...		153	5GHz	WPA2 Personal	02:18:5A	ac	 -73	27%	-73	-72	-74	-96	4%	now	
 Stacks&S...	86:15:54:50:D4...		40	5GHz	WPA2 Personal	86:15:54	ac	 -87	13%	-88	-87	-89	-96	4%	now	
 #SFLibr...	8A:15:54:50:D4...		161	5GHz	Open	8A:15:54	ac	 -90	10%	-89	-88	-90	-95	5%	now	
 LSC Guest	02:9F:C2:72:80...		36...	5GHz	WPA2 Personal	02:9F:C2	ac	 -89	11%	-89	-88	-90	-96	4%	now	
 #SFLibr...	02:18:5A:14:60...		153	5GHz	Open	02:18:5A	ac	 -73	27%	-73	-72	-73	-96	4%	now	
 Stacks&S...	86:15:54:50:F1...		161	5GHz	WPA2 Personal	86:15:54	ac	 -85	15%	-86	-85	-87	-95	5%	now	
 #SFLibr...	8A:15:54:50:E0...		161	5GHz	Open	8A:15:54	ac	 -62	38%	-64	-62	-64	-95	5%	now	
 #SFLibr...	8A:15:54:50:E1...		153	5GHz	Open	8A:15:54	ac	 -90	10%	-91	-88	-92	-96	4%	now	
 Stacks&S...	86:15:54:50:F3...		157	5GHz	WPA2 Personal	86:15:54	ac	 -70	30%	-71	-70	-71	-96	4%	now	
 SFPL-TBBC	A6:15:54:50:E1...		153	5GHz	WPA2 Personal	A6:15:54	ac	 -91	9%	-89	-89	-91	-96	4%	now	
 Stacks&S...	86:15:54:50:D4...		48	5GHz	WPA2 Per... WPA2 Personal		ac	 -91	9%	-93	-91	-93	-96	4%	now	
 ClickShar...	BC:30:7E:BC:4F...		36	5GHz	WPA2 Personal	Wistron	a/n	 -88	12%	-88	-85	-89	-96	4%	now	
#SFLibr...	8A:15:54:50:EE...		48	5GHz	Open	8A:15:54	ac	-88	12%	-85	-84	-88	-96	4%	now	
XFINITY	16:05:01:7D:54:60		36	5GHz	WPA2 Enterprise	16:05:01	ac	-	0%	-92	-90	-93	-	0%	1min 21s ago	
Stacks&S...	86:15:54:50:E8...		44	5GHz	WPA2 Personal	86:15:54	ac	-75	25%	-76	-75	-77	-96	4%	now	