TZ-CERT HONEYPOTS WEEKLY REPORT
Period : 30th of October – 5th of November, 2022
Report No.: TZ-CERT/WRHP/2022/44

1. NETWORK ATTACKS

A total of **422,828** attacks have been recorded compared to last week **393,950** attacks within the period of this report. The top 10 Network attacks with malicious IPs, commonly used usernames and passwords is as in **table1** below:

SN	ATTACKING IPS	USERNAMES	PASSWORDS
1.	87.99.77.13	nproc	123456
2.	185.216.71.81	admin	admin
3.	162.221.95.62	user	7ujMko0admin
4.	167.99.196.135	root	root
5.	141.98.11.91	guest	abc@123
6.	116.110.83.237	ubuntu	ubuntu
7.	116.98.175.219	support	1234567890
8.	116.105.209.31	supervisor	p@ssw0rd
9.	193.105.134.95	Administrator	support
10.	195.3.147.57	test	Win1doW$

Table1: Top 10 Network attacking IP

Most of the usernames and passwords listed are commonly used, thus its advised review of usernames and password be made to avoid use of above listed credentials and default ones. Use of password policies is the best practice.

2. MALICIOUS SOFTWARE (MALWARE)

During the week the sensors recorded, a total of **1,631,722** malicious software distributed compared to last week in which was **1,531,556**.

Below listed are top ten malicious software and their hashes.

SN	ATTACKING IPS	MALICIOUS SOFTWARE	HASHES(SHA256)
1.	41.78.173.77	Trojan Horse	71ef590b32ef90a021be7bafd074b7698ffefab7f935e371568bef5eb2543f19
2.	41.78.76.190	A Variant Of Win32/TrojanDownloader.Small.AVZ	887b0c37303464c55af47ee954fb5427cdcf2256a2fcf2770f82ae4d5b946be5
3.	41.78.64.254	TrojWare.Win32.Ransom.WannaCry.AB@75g	67296512900d96d96fd7c01cb36a0beb6c4f0e420599306d76b545af1

			4dce31b
4.	41.78.109.1	HEUR:Trojan-Downloader.Win32.Generic	cf24468309418e6cb31f2278583c374056206463ec1fd31b7409201a9e41fa27
5.	41.59.211.41	Trojan-Ransom.Win32.Wanna.m	1fed6ac923167a9ce636305cd470b8f286e74bbda90aa43e2ed956c20821bd12
6.	41.78.109.4	Trojan:Linux/Multiverze	4f8d52675b80722bc8094ee36a21339f9058faa69644e00e5fb547234bb152fe
7.	41.229.154.12	Linux.Mirai	7766e635ad7dc91495d7ce66a83a7bf5b1b9f8f744e45525d4a2b90ac5f27aef
8.	183.88.225.4	Gen:Trojan.Malware.eC5@a0JB20mi	c2d709eb1b8e00ececb5a0057b0b70177892dddfc297d03b2d03396716505ba5e
9.	95.143.8.202	Trojan.Agent.CZTF	b4e5e3e5ea11e333b57d97cbcef17847efd122443c8f7bc1c9aec0c84044bc4d
10.	80.15.48.189	HEUR:Trojan.Win32.Miner.b.gen	3d0883658ec3cdd999cf5d97c91456e8bb01842fb1f0c72f688b68aee50fab51

Table2: Top 10 Malicious attacking IP

3. WEB ATTACKS

During the week the sensors recorded a total of **3,302** web attacks compared to last week which was **5,899**.

From the table the top 10 web-based attacks and their associated requests sent to web servers for the period between 30th of October – 5th of November, 2022, are detailed. The requests are the payloads.

SN	ATTACKING IPS	TOP URI
1.	185.216.71.241	/
2.	80.144.170.171	/users/sign_in
3.	83.12.208.238	/favicon.ico
4.	89.163.133.11	/robots.txt
5.	217.233.51.92	/.env

6.	41.78.169.54	/.well-known/security.txt
7.	151.106.39.114	/sitemap.xml
8.	92.204.145.16	/boaform/admin/formLogin
9.	109.237.96.124	//
10.	47.100.74.93	/index.php

Table3: Top 10 web attacking IP

4. RECOMMENDATIONS

The Honeypot sensors have recorded IP addresses with most common malware used in the world today. Monitoring of the listed IP address is advised and further to: -

4.1 Note that most of malicious IP addresses captured are also listed as malicious IP addresses in other sources that are also observing security attacks; thus, security measures should be considered to counter act, including monitoring of the IPs in networks. Most likely the same resources might be used for further attacks.

4.2 Discourage usage of listed login resources (usernames and passwords) and consider deploying mechanisms to monitor login attempts.

4.3 Thoroughly check for suspicious files of hashes listed in **Table 2**.

4.4 Deploy Intrusion Detection System (IDS) and configure to flag detection of attacks associated with list of resources provided especially the IP addresses and the web requests.