	TZ-CERT HONEYPOTS WEEKLY REPORT **Period** : 29th of August – 4th of September, 2021 **Report No.:** TZ-CERT/WRHP/2021/36

1. NETWORK ATTACKS

A total of **156,401** attacks have been recorded compared to last week **337,402** 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.	142.126.200.15	admin	Admin1
2.	5.188.62.196	guest	guest123
3.	116.98.160.162	user1	123456
4.	5.188.62.194	root	111111
5.	45.227.255.208	test	test1234
6.	116.103.247.212	user	1qaz2wsx
7.	116.98.164.231	admin1	123456
8.	116.98.167.0	default	1122
9.	116.110.97.171	support	letmein
10.	116.110.49.14	MikroTik	88888888

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 **743,285** malicious software distributed compared to last week in which was **183,604**.

Below listed are top ten malicious software and their hashes.

SN	ATTACKING IPS	MALICIOUS SOFTWARE	HASHES(SHA256)
1.	13.235.51.14	Trojan Horse	685bc2af410d86a742b59b96d116a7d9
2.	41.59.197.83	Trojan-Ransom.Win32.Wanna.m	ca71f8a79f8ed255bf03679504813c6a
3.	156.254.114.4	Ransom.Wannacry	ae12bb54af31227017feffd9598a6f5e
4.	103.138.195.104	HEUR:Backdoor.Win32.Agent.gen	0ab2aeda90221832167e5127332dd702
5.	89.248.165.180	Trojan.Win32.Reconyc.fuzv	996c2b2ca30180129c69352a3a3515e4
6.	62.210.214.90	DoS-	414a3594e4a822cfb97

		FAE!C71EACF3FFAF	a4326e185f620
7.	216.131.80.17	Trojan:MSIL/Cryptor	a55b9addb2447db188 2a3ae995a70151
8.	154.8.193.99	W32/Wanna.M!tr	02c5f1515bf42798728f ac17bfe1e4c1
9.	14.160.249.4	Ransom.Wannacry	cd99e5e4f44621978faf 8df0e01d2d2b
10.	113.87.20.27	Trojan.Agent.CZTF	cf4f46336abeec036302 97f846d17482

Table2: Top 10 Malicious attacking IP

3. WEB ATTACKS

During the week the sensors recorded a total of **12,519** web attacks compared to last week which was **13,627**.

From the table the top 10 web-based attacks and their associated requests sent to web servers for the period between 29th of August and 4th of September, 2021, are detailed. The requests are the payloads.

SN	ATTACKING IPS	TOP REQUESTS
1.	176.9.214.158	/jenkins/login
2.	77.247.127.7	/login
3.	18.206.205.24	/manager/html
4.	45.133.173.11	/secure/ContactAdministrators!default.jspa
5.	91.241.19.148	/boaform/admin/formLogin?username=admin&psd=admin
6.	34.71.144.119	/boaform/admin/formLogin?username=adminisp&psd=adminisp
7.	159.65.227.83	/config/getuser?index=0
8.	157.90.202.233	/boaform/admin/formLogin?username=ec8&psd=ec8
9.	194.147.142.31	/hudson
10.	47.254.127.213	/favicon.ico

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.