

**It is becoming easier, cheaper,  
lucrative and attractive to attack IoT.**

## Hacking

# DDoS attack that disrupted internet was largest of its kind in history, experts say

Dyn, the victim of last week's denial of service attack, said it was orchestrated using a weapon called the Mirai botnet as the 'primary source of malicious attack'

RECORDED FUTURE BLOG

## Mirai-Variant IoT Botnet Used to Target Financial Sector in January 2018

By Priscilla Moriuchi and Sanil Chohan on April 5, 2018



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## THE REAPER IOT BOTNET HAS ALREADY INFECTED A MILLION NETWORKS

### 7 Variants (So Far) of Mirai

Mirai is an example of the newest trend in rapidly evolving, constantly improving malware. These seven variants show how threat actors are making bad malware worse.

root	xc3511	user	user	guest	12345	root	ikwb
root	vizxv	admin	(none)	admin1	password	root	dreambox
root	admin	root	pass	administrator	1234	root	user
admin	admin	admin	admin1234	666666	666666	root	realtek
root	888888	root	1111	888888	888888	root	00000000
root	xmhdipc	admin	smcadmin	ubnt	ubnt	admin	1111111
root	default	admin	1111	root	klv1234	admin	1234
root	juantech	root	666666	root	Zte521	admin	12345
root	123456	root	password	root	hi3518	admin	54321
root	54321	root	1234	root	jvbsd	admin	123456
support	support	root	klv123	root	anko	admin	7ujMko0admin
root	(none)	Administrator	admin	root	zlx.	admin	1234
admin	password	service	service	root	7ujMko0vizxv	admin	pass
root	root	supervisor	supervisor	root	7ujMko0admin	admin	meinsm
root	12345	guest	guest	root	system	tech	tech

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**MIRAI was able to infect over 600,000 IoT devices by simply exploiting a set of 64 well-known default IoT login/password combinations.**

From July to September 2017, SecurityScorecard identified 34,062 IPv4 addresses on the public internet that showed symptoms expected from an embedded device infected with the Mirai IoT malware. This contrasts with 184,258 IPv4 addresses of IoT devices infected with Mirai IoT malware from August 1, 2016, to July 31, 2017.

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