



Greenbone
Sustainable Resilience

Open Source Sustainability

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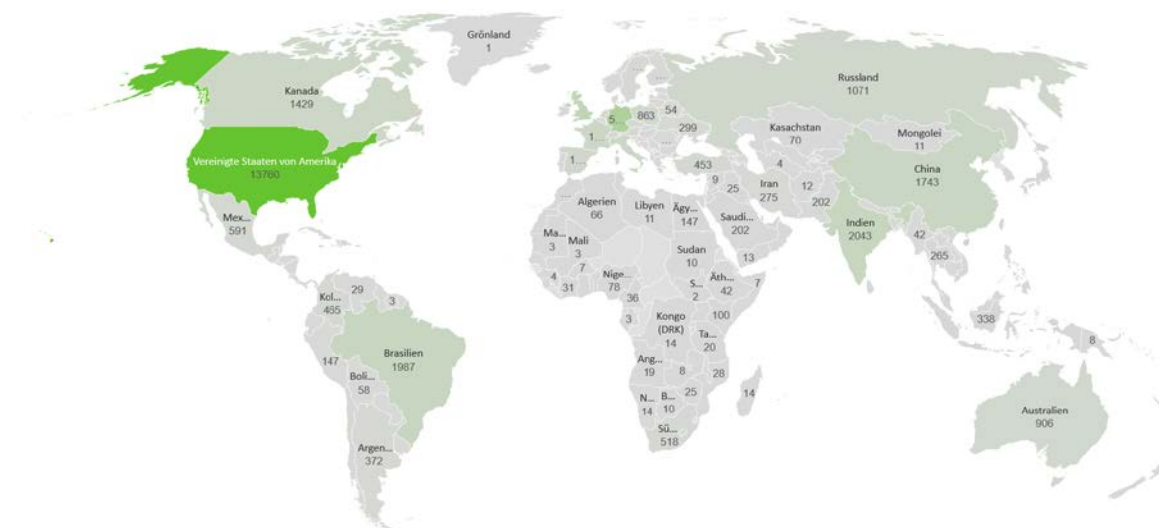




- IT Security
- Greenbone
- Open Source Business Strategy
- Questions & Discussion



Greenbone –
the world's most widely used European open
source IT vulnerability management solution.



IT Security - every day ...

Ransomware hackers demand \$70m after attack on US software firm

Between 800 and 1,500 businesses around the world, including supermarkets and dentists' offices, affected by attack



▲ The hackers who claimed responsibility for the breach have demanded \$70m to restore businesses' data. Photograph: Dado Ruvic/Reuters

Between 800 and 1,500 businesses around the world have been hit by a ransomware attack centered on the US information technology company Kaseya.

SolarWinds Hackers Breached RNC Via Synnex Inc

The Republican National Committee uses Synnex as a vendor and was impacted by the breach. A spokesman said the committee's system may have been exposed, an RNC spokesman told CNN.

By Michael Novinson



NEWS

British Airways fined £20m over data breach

© 16 October 2020



india.com

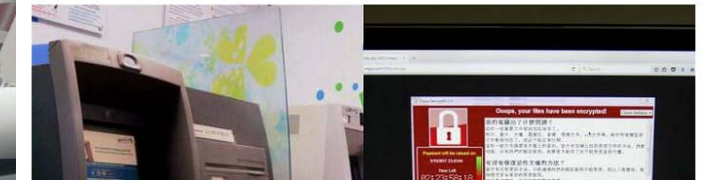
Home > Viral

ATMs in India remain shut due to Wannacry Ransomware attack? Open ATMs only after software update, suggests RBI

The advice comes mainly because more than 60% of the 2.25 lakh ATMs in India run on an outdated version of Windows XP.

Published: May 15, 2017 1:22 PM IST

By Aishwarya Krishnan



Nobody likes to be that company in the news

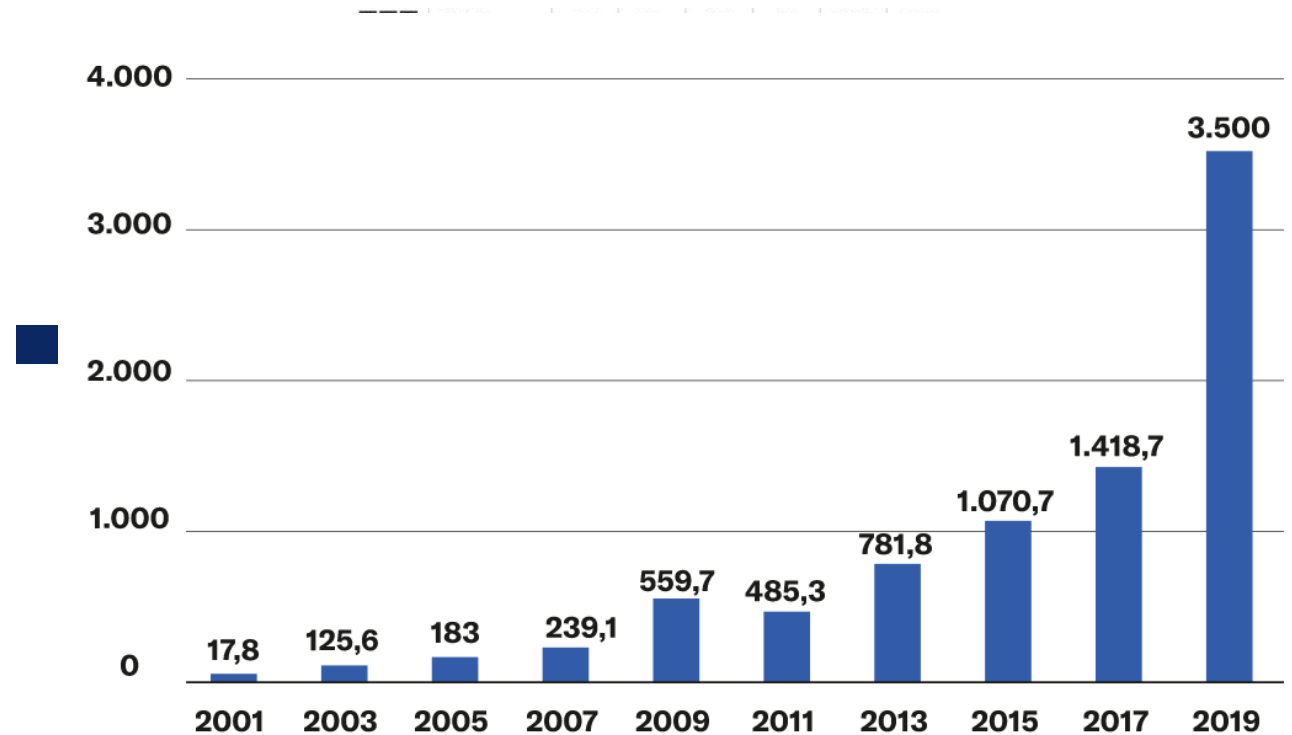
IT Security incidents are expensive

- ✓ The amount of reported financial losses from cybercrime is steadily and significantly increasing.
- ✓ US companies alone reported \$3.5 billion in 2019



PolyNetwork

\$600million



IT Security Myths



"Zero Day Attack"

Unknown vulnerabilities are exploited extremely rarely to target specific systems



Reality:

Automated tools to find vulnerable systems



Our mission: Active safety for our customers

Our products help to significantly reduce the risk and impact of cyber attacks.

Four core functions, perfectly automated:

- ✓ Proactive **discovery of** systems and services.
- ✓ **Analysis of** found targets (> 90,000 tests).
- ✓ **Reports** with severity and
- ✓ **Proposed solutions.**

Plus: **Professional service and support**





Dashboards

Scans

Assets

Resilience

SecInfo

Configuration

Administration

Help



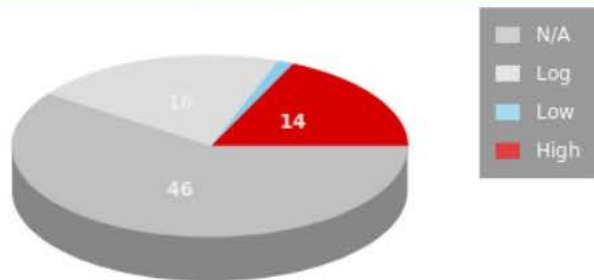
Filter



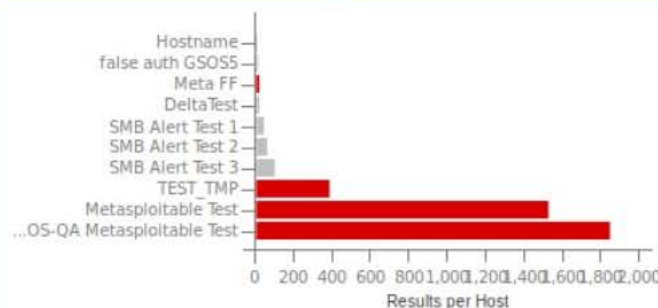
Tasks 77 of 77



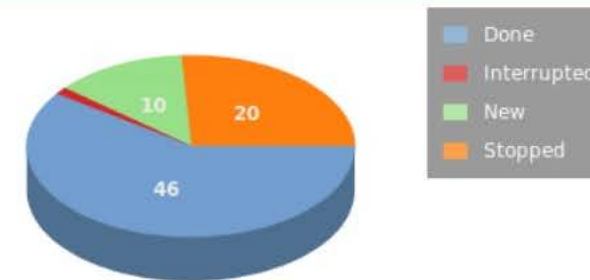
Tasks by Severity Class (Total: 77)



Tasks with most High Results per Host



Tasks by Status (Total: 77)



Name	Status	Reports	Last Report	Severity	Trend	Actions
Windows Workgroup Test	Stopped at 2 %	1				[Icons]
Windows Domain Test	Stopped at 2 %	1				[Icons]
DMZ Mail Scan	Container					[Icons]
EulerOS Scan	Stopped at 22 %	74	Thu, Dec 26, 2019 6:00 AM UTC	10.0 (High)	[Trend]	[Icons]
TLS Map Scan	Done	1	Fri, Dec 27, 2019 1:38 PM UTC	0.0 (Log)		[Icons]
Metasploitable Test - GSM Master	Done	1	Fri, Jan 3, 2020 11:29 AM UTC	10.0 (High)		[Icons]
DMZ Mail Scan 2	New					[Icons]
system discovery	Done	1	Fri, Dec 20, 2019 10:29 AM UTC	0.0 (Log)		[Icons]

Apply to page contents

Applied filter: apply_overrides=0 min_qod=70 first=1 rows=10 sort-reverse=name

1 - 10 of 77



What is Free Software / Open Source?

The four freedoms of free software according to the Free Software Foundation (FSF):

- The freedom to run the program as you wish, for any purpose.
- The freedom to study how the program works, and change it so it does your computing as you wish.
- The freedom to redistribute copies so you can help others
- The freedom to distribute copies of your modified versions to others.

Open Source means companies can give others access to their software code and components without publishing the whole derivate work.

At Greenbone we create Free Software and believe in Open Source



Did you know?

Let's look back at the code and communities built on GitHub this year...

Based on the data collection range of October 2019 - September 2020.

56 M+
total developers on
GitHub

60 M+
new repositories created
in the last year

Almost every relevant piece of software, relies on Open Source components

72 %
of Fortune 50 companies
use GitHub Enterprise

1.9 B+
contributions added
in the last year



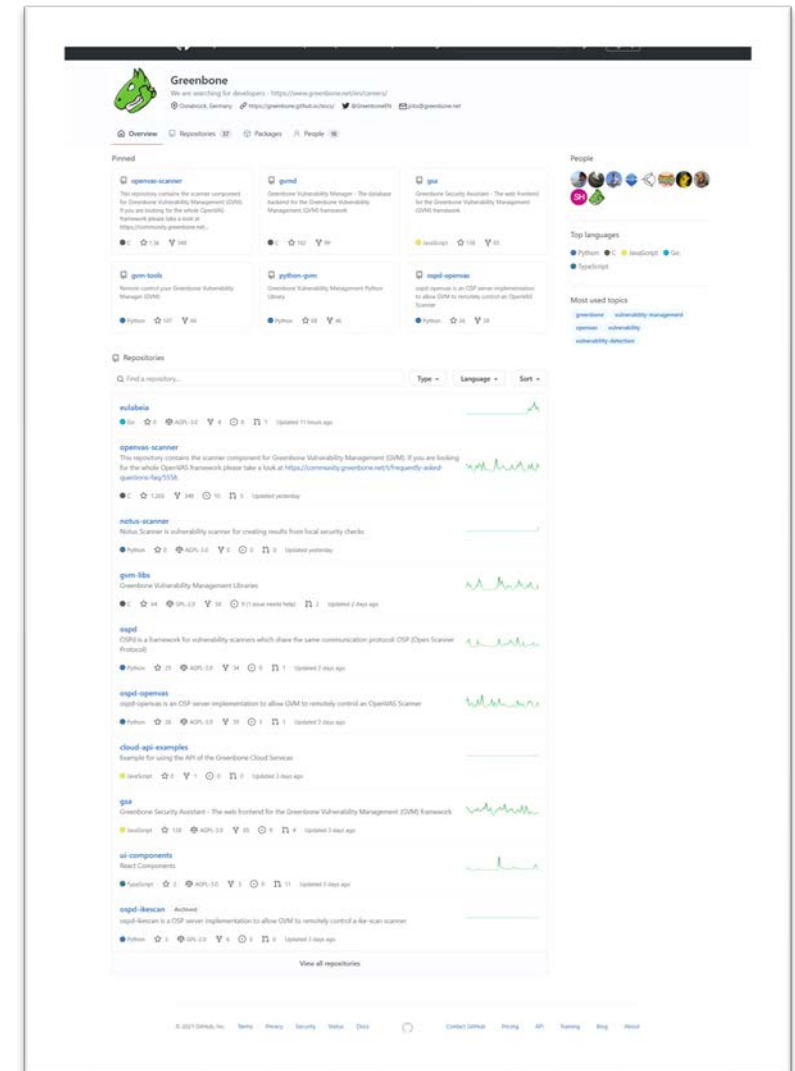
Open Source Product Strategy at Greenbone

- Greenbone was founded based on Open Source more than 10 years ago
- We rely on open source
- We create open source products
- We do so because we believe this is the best for our customers

A Open Source product is a significant advantage

Advantage: Transparency

Being able to independently review the source code, especially for a IT security solution, leads to more confidence and better results.





Advantage: Sustainability



株式会社金剛組 - Kongō Gumi Co., Ltd. was founded 1443 years ago
They could use Open Source software for the next 14 centuries, while a closed sourced solution might go out of business much sooner.



Advantage: Availability

Killed by Google

Search: All (242)

- Google Chrome Apps** (June 2022): Vanishing in 11 months, Google Chrome Apps were hosted or packaged web applications that ran on the Google Chrome browser. It will be over 11 years old.
- Android Things** (January 2022): Fading into darkness in 5 months, Android Things was an Android-based embedded operating system (originally named Brillo) aimed to run on Internet of Things (IoT) devices. It will be over 6 years old.
- AngularJS** (December 2021): To be turned off in 5 months, AngularJS was a JavaScript open-source front-end web framework based on MVC pattern using a dependency injection technique. It will be about 11 years old.
- Google Bookmarks** (September 2021): Getting MD in about 2 months, Google Bookmarks was a private web-based bookmarking service not integrated with any other Google services. It will be almost 16 years old.
- Chatbase** (September 2021): Like a fork stuck in the outlet in about 1 month, Analytics platform for Google's Dialogflow chatbot & others, started by the Google-funded Area120 incubator then retired and partially merged into Dialogflow itself. It will be almost 4 years old.
- Tour Builder** (2015 - 2021): Killed about 1 month ago, Tour Builder allowed users to create and share interactive tours inside Google Earth with photos and videos of locations. It was about 8 years old.
- Poly** (2017 - 2021): Killed about 2 months ago, Poly was a distribution platform for creators to share 3D objects. It was over 3 years old.
- Tour Creator** (2018 - 2021): Killed about 2 months ago, Tour Creator allowed users to build immersive, 360° guided tours that could be viewed with VR devices. It was about 3 years old.
- Expeditions** (2015 - 2021): Killed about 2 months ago, Expeditions is a program for providing virtual reality experiences to school classrooms through Google Cardboard viewers, allowing educators to take their students on virtual field trips. It was almost 6 years old.
- Google Play Movies & TV** (2011 - 2021): Killed 2 months ago, Google Play Movies & TV, originally Google TV, was an app used to view purchased and rented media and was ultimately replaced with YouTube. It was about 10 years old.
- Measure** (2018 - 2021): Killed 2 months ago, Measure allowed users to take measurements of everyday objects with their device's camera utilizing ARCore technology. It was about 5 years old.
- Zync Render** (2014 - 2021): Killed 2 months ago, Zync render was a cloud render platform for animation and visual effects. It was almost 7 years old.
- Timely** (2013 - 2021): Killed 3 months ago, Timely Alarm Clock was an Android application providing alarm, stopwatch and timer functionality with synchronization across devices. It was almost 8 years old.
- Google Shopping Mobile App** (2018 - 2021): Killed 4 months ago, The Google Shopping Mobile App, which had absorbed Google Express when it launched, provided a native shopping experience with a personalized homepage for mobile users. It is now retired and the functionality lives on in the Shopping Tab. It was almost 2 years old.

killedbygoogle.com

ReviewSignal

Web Hosting Reviews

Review Signal turns conversations on Twitter into web hosting reviews. We've collected over 335,000 reviews about web hosting companies and publish them for consumers. Our mission is to take valuable insights publicly shared by others and transform it into useful information.

Review Signal's core values are transparency and honesty. We publish all of our algorithms, benchmark our ratings against industry measurements and perform the most respected benchmarks in the WordPress community.

But don't take our word, read what other say about us

Web Hosting Reviews Are A Catalyst.

Get Instant Hosting Recommendations

Compare hosting companies now

Hosting Helper

What kind of web hosting do you need?

I am a who needs to host and I am managing it myself

I have a budget of per month

Do I have any special circumstances?

I have outgrown my current hosting plan

I need special software installed

Need a Human? Talk to an expert.

Submit

Shared	VPS	Dedicated	Reseller	Cloud	WordPress
Basic Hosting for most websites.	Partial Servers with full access.	Full Servers all to yourself.	Host Clients, sell hosting.	Virtualize and Scale everything.	High Performance WordPress hosting.

WordPress Hosting Reviews

Sorted by Rating

Top WordPress Hosting Companies

Rank	Company	Rating	Starting at	Visit Site
1	FLYWHEEL REVIEWS-	48% Rating	Starting at \$25	visit site
2	PANTHEON REVIEWS-	47% Rating	Starting at \$25	visit site
3	WPENGINE REVIEWS-	77% Rating	Starting at \$29	visit site
4	KNOWNHOST REVIEWS-	70% Rating	Starting at \$11.95	visit site
5	CLOUDWAYS REVIEWS-	74% Rating	Starting at \$7	visit site
6	PAGELY REVIEWS-	73% Rating	Starting at \$99	visit site
7	LIQUIDWEB REVIEWS-	69% Rating	Starting at \$119	visit site
8	SITEGROUND REVIEWS-	67% Rating	Starting at \$14.95	visit site
9	DREAMHOST REVIEWS-	67% Rating	Starting at \$19.95	visit site
10	MEDIATEMPLE REVIEWS-	62% Rating	Starting at \$20	visit site
11	GODADDY REVIEWS-	48% Rating	Starting at \$7.99	visit site
12	BLUEHOST REVIEWS-	42% Rating	Starting at \$24.99	visit site
13	1&1 IONOS REVIEWS-	40% Rating	Starting at \$9	visit site
14	A2 HOSTING REVIEWS-	39% Rating	Starting at \$9.31	visit site

reviewsignals.com



Commercial Open Source Challenges

Commercial Open Source has some business model challenges.

Most important: How can you generate revenue when the product is free?

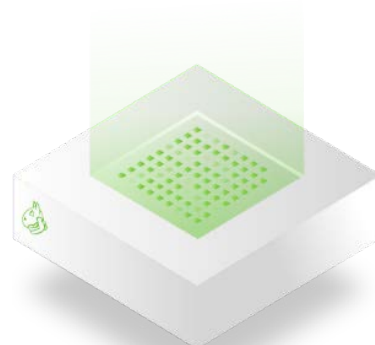
- Hardware Appliance for enterprise customers (on-premise)
- SaaS (for Cloud customers)
- Subscription to Greenbone Security Feed for enterprise customers (our community feed is free)
- Installation, Support & Maintenance



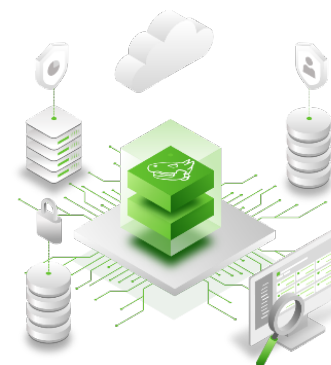
Products - suitable for every application



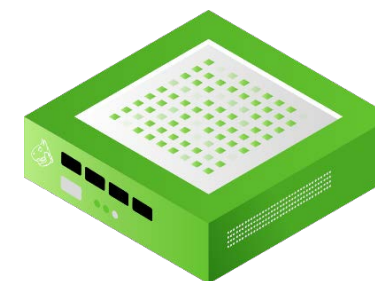
*Security tests
and policies*



Virtual solutions



Greenbone SaaS



Hardware



We are growing and hiring in Bulgaria



<https://www.greenbone.net/en/jobs-bulgaria/>



Greenbone
Sustainable Resilience

Ask me Anything 😊