Department for Levelling Up,
Housing & Communities

Vulnerability Scanning with Greenbone Security Manager (GSM)

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Content

GSM Vulnerability Scanning

- Overview
- Pre-requisites
- Download and installation
- Demo of the tool
- Cyber support sessions
- Staying in touch

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Prerequisites

- Oracle VirtualBox 6.1 or higher
- Minimum requirements: 2 CPUs, 5 GB RAM
- Virtual network adapter with direct Internet connection

OR

- VMware Workstation Pro 16 or higher, VMware Workstation Player 16 or higher
- Minimum requirements: 2 CPUs, 5 GB RAM
- Virtual network adapter with direct Internet connection

Note: With default settings, the Greenbone Enterprise TRIAL uses bridged networking and expects an IP address from a DHCP server. This may be reconfigured.

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Installation

- Download from : https://www.greenbone.net/en/testnow/
- Install the OVA file of the Greenbone Enterprise TRIAL.
- No trial key/license is required for access to the open sources community edition feeds.
- Access via browser at https://<server_name>

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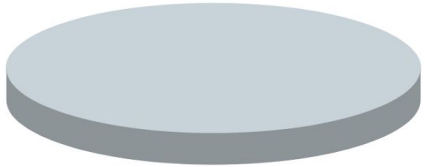
Greenbone
Security Assistant

Dashboards | Scans | Assets | Resilience | SecInfo | Configuration | Administration | Help

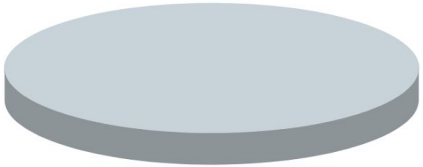
Dashboards

Overview

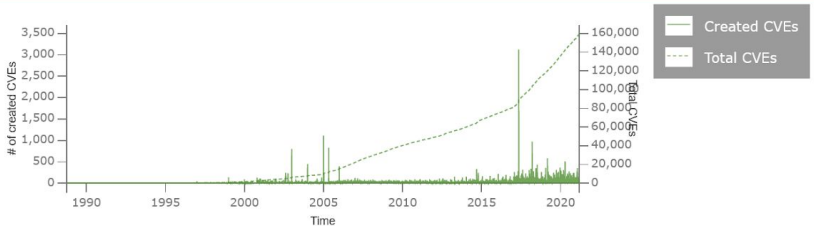
Tasks by Severity Class (Total: 0)



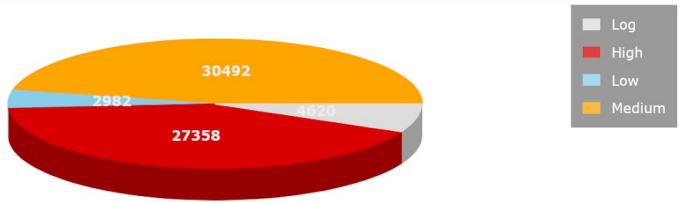
Tasks by Status (Total: 0)



CVEs by Creation Time



NVTs by Severity Class (Total: 65452)



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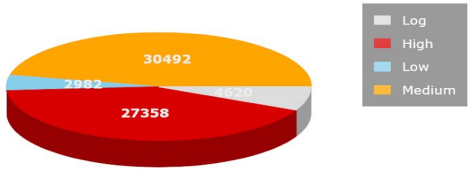
Security Assistant

Dashboards | Scans | Assets | Resilience | SecInfo | Configuration | Administration | Help

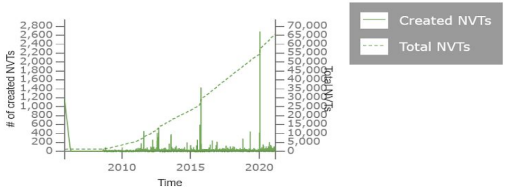
Filter

NVTs 65452 of 65452

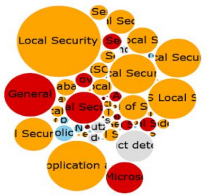
NVTs by Severity Class (Total: 65452)



NVTs by Creation Time



NVTs by Family (Total: 65452)



1 - 10 of 65452

Name	Family	Created ▼	Modified	CVE		Severity	QoD
Dropbear < 2020.79 Mishandling Filenames Vulnerability	General	Wed, Mar 3, 2021 1:57 PM UTC	Thu, Mar 4, 2021 10:59 AM UTC	CVE-2020-36254		6.8 (Medium)	30 %
e107 <= 2.3.0 Authentication Bypass Vulnerability	Web application abuses	Wed, Mar 3, 2021 10:03 AM UTC	Thu, Mar 4, 2021 10:59 AM UTC	CVE-2021-27885		7.5 (High)	80 %
HP Systems Insight Manager Detection (HTTP)	Product detection	Wed, Mar 3, 2021 7:09 AM UTC	Thu, Mar 4, 2021 10:59 AM UTC			0.0 (Log)	80 %
Debian LTS: Security Advisory for wpa (DLA-2581-1)	Debian Local Security Checks	Wed, Mar 3, 2021 4:00 AM UTC	Wed, Mar 3, 2021 4:00 AM UTC	CVE-2021-27803		5.0 (Medium)	97 %
Debian LTS: Security Advisory for adminer (DLA-2580-1)	Debian Local Security Checks	Wed, Mar 3, 2021 4:00 AM UTC	Wed, Mar 3, 2021 4:00 AM UTC	CVE-2021-21311		6.4 (Medium)	97 %
Debian LTS: Security Advisory for spip (DLA-2579-1)	Debian Local Security Checks	Wed, Mar 3, 2021 4:00 AM UTC	Wed, Mar 3, 2021 4:00 AM UTC			5.0 (Medium)	97 %
Debian: Security Advisory for grub2 (DSA-4867-1)	Debian Local Security Checks	Wed, Mar 3, 2021 4:00 AM UTC	Wed, Mar 3, 2021 4:00 AM UTC	CVE-2020-14372 CVE-2020-25632 CVE-2020-25647 CVE-2020-27749 CVE-2020-27779 CVE-2021-20225 CVE-2021-20233		5.0 (Medium)	97 %
D-Link DAP-2020 <= 1.01 Multiple Vulnerabilities - Active Check	Web application abuses	Tue, Mar 2, 2021 8:17 AM UTC	Tue, Mar 2, 2021 9:55 AM UTC	CVE-2021-27248 CVE-2021-27249 CVE-2021-27250		10.0 (High)	100 %
Apache Tomcat Information Disclosure Vulnerability (Mar21) - Windows	Web Servers	Tue, Mar 2, 2021 5:22 AM UTC	Tue, Mar 2, 2021 5:23 AM UTC	CVE-2021-25122		5.0 (Medium)	80 %
Apache Tomcat Information Disclosure Vulnerability (Mar21) - Linux	Web Servers	Tue, Mar 2, 2021 5:17 AM UTC	Tue, Mar 2, 2021 5:23 AM UTC	CVE-2021-25122		5.0 (Medium)	30 %

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Demo of GSM

- Where to download and how to install GSM
- A brief overview of the WebGUI
- Setting up GSM for a vulnerability scan
- Looking at scan results
- Video tutorials are available here OPENVAS - YouTube

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Staying in touch - cyber support sessions

Cyber treatment plan & implementation support session available to book using this link: https://calendly.com/andrea-baron/ad-hoc-call-with-council .
These are longer 1:1 sessions between DLUHC cyber team and a council, available for any support, guidance or hands on help for the implementation of your cyber treatment plan.

Cyber support drop in sessions - 30 minute sessions. These regular 1:1 sessions are available for you to book anytime using the Calendly link: https://calendly.com/andrea-baron/drop-in-support-session .

Cyber clinics are generally occurring on the 3rd Thursday of the month between 11.30am - 12.30pm where a targeted cyber focus area will be presented, tool sets demonstrated and will be open to questions. Support, guidance and hands-on help is available to assist you in adoption and implementation.

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Staying in touch

Follow our progress

- Read our fortnightly sprint notes on Medium
- Follow LDCU on Twitter (@LDgovUK)
- Subscribe to our Cyber newsletter for progress updates and news relevant to those working in and around local government cyber security
- We'll also be sharing regular updates on the DLUHC Digital blog

Have your say

We welcome further collaboration and input, so if you would like to share with us any strong evidence to support our research please email cybersupport@localdigital.gov.uk.

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Department for Levelling Up,
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Thank you

We welcome feedback on our cyber support service

@LDgovUK

www.localdigital.gov.uk

#LocalDigital #FixThePlumbing

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