



Greenbone
Sustainable Resilience

What's Next?

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Security Transparent 2018

Berlin, 8. Mai 2018

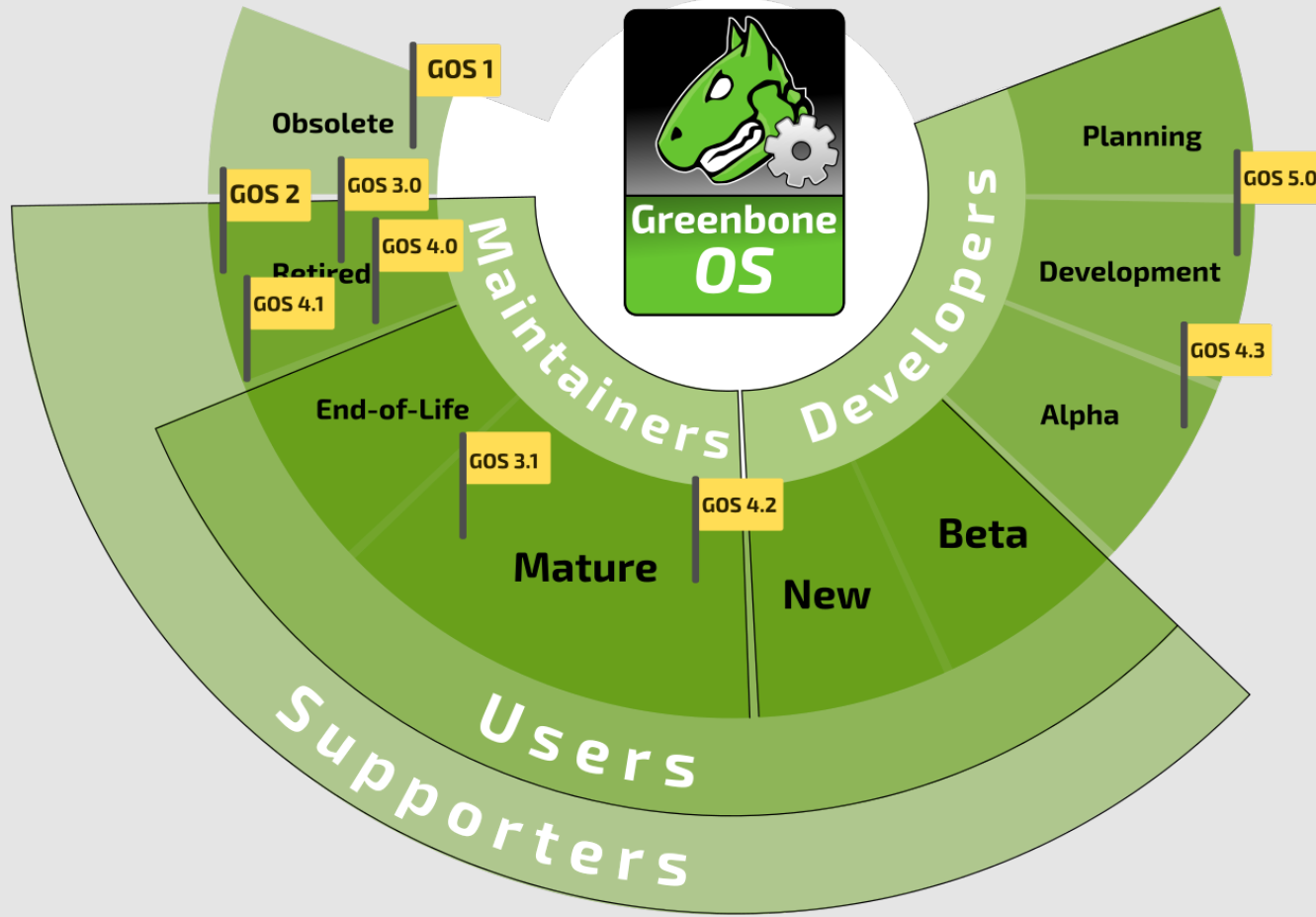


What's Next?



- ▶ GOS 4.3
- ▶ GOS 5.0
- ▶ GVM-Tools
- ▶ GSR-HTML
- ▶ Beyond GOS 5.0
- ▶ Upcoming GSM models

Greenbone OS: Life cycle status April 2018



Greenbone OS 4.3 (Q2/2018)

- ▶ Updated GOS base system, including updated DBMS
- ▶ Extended GOS network management configuration
- ▶ No GUI/API changes
- ▶ LTS for generation 4
- ▶ Easy to upgrade from 4.2

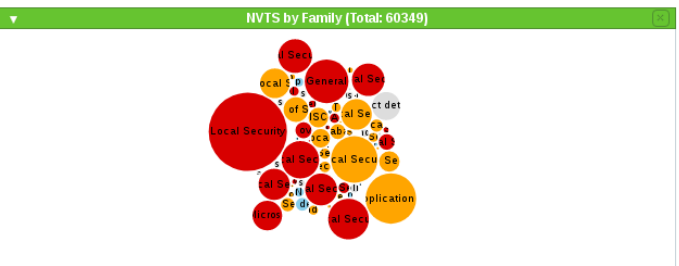
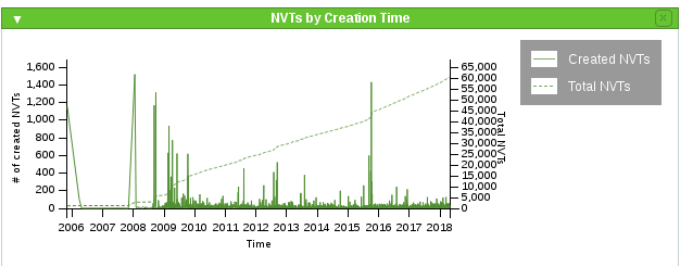
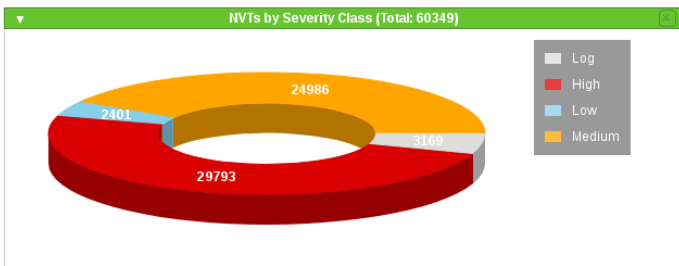
Greenbone OS 5.0 (2018)

- ▶ GUI: SPA - Feel & Cleanup
- ▶ Vulnerabilities view
- ▶ Extended schedules: More iCal features supported
- ▶ No global objects: Allow minimal roles
- ▶ Performance: Updates, Scanner, Database
- ▶ Documentation: Built-in manual
- ▶ Deprecated: Classic host assets, HTML RFP

GOS 5.0 GUI impressions

Filter [Icons]

NVTs 60349 of 60349



1 - 10 of 60349

Name	Family	Created	Modified	Version	CVE	Severity	QoD
Debian LTS Advisory ([SECURITY] [DLA 1367-1] slurm-lnl security update)	Debian Local Security Checks	Sun, Apr 29, 2018 12:00 AM	Sun, Apr 29, 2018 9:33 AM	\$Revision: 9671 \$	CVE-2018-7033	10.0 (High)	97 %
Debian LTS Advisory ([SECURITY] [DLA 1366-1] wordpress security update)	Debian Local Security Checks	Sun, Apr 29, 2018 12:00 AM	Sun, Apr 29, 2018 9:33 AM	\$Revision: 9671 \$	CVE-2018-10100 CVE-2018-10102	10.0 (High)	97 %
Debian Security Advisory DSA 4183-1 (tor - security update)	Debian Local Security Checks	Sat, Apr 28, 2018 12:00 AM	Sun, Apr 29, 2018 9:33 AM	\$Revision: 9671 \$	CVE-2018-0490	10.0 (High)	97 %
Debian Security Advisory DSA 4182-1 (chromium-browser - security update)	Debian Local Security Checks	Sat, Apr 28, 2018 12:00 AM	Sun, Apr 29, 2018 9:33 AM	\$Revision: 9671 \$	CVE-2018-6056 CVE-2018-6057 CVE-2018-6060 CVE-2018-6061 CVE-2018-6062 CVE-2018-6063 CVE-2018-6064 CVE-2018-6065 CVE-2018-6066 CVE-2018-6067 CVE-2018-6068 CVE-2018-6069 CVE-2018-6070 CVE-2018-6071 CVE-2018-6072 CVE-2018-6073 CVE-2018-6074 CVE-2018-6075 CVE-2018-6076 CVE-2018-6077 CVE-2018-6078 CVE-2018-6079 CVE-2018-6080 CVE-2018-6081 CVE-2018-6082 CVE-2018-6083 CVE-2018-6085 CVE-2018-6086 CVE-2018-6087 CVE-2018-6088 CVE-2018-6089 CVE-2018-6090 CVE-2018-6091 CVE-2018-6092 CVE-2018-6093 CVE-2018-6094 CVE-2018-6095 CVE-2018-6096 CVE-2018-6097 CVE-2018-6098 CVE-2018-6099 CVE-2018-6100 CVE-2018-6101 CVE-2018-6102 CVE-2018-6103 CVE-2018-6104 CVE-2018-6105 CVE-2018-6106 CVE-2018-6107 CVE-2018-6108 CVE-2018-6109 CVE-2018-6110 CVE-2018-6111 CVE-2018-6112 CVE-2018-6113 CVE-2018-6114 CVE-2018-6115	10.0 (High)	97 %



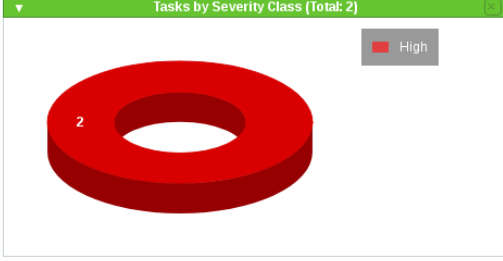
GOS 5.0 GUI impressions



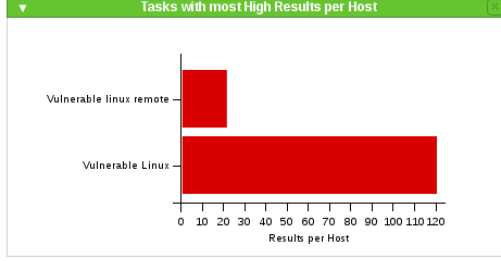
Tasks 2 of 2



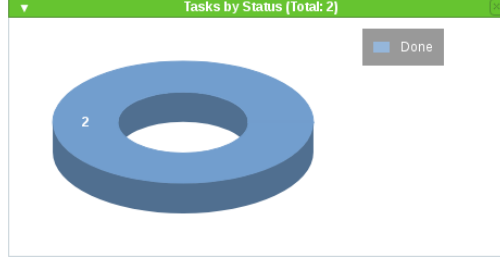
Tasks by Severity Class (Total: 2)



Tasks with most High Results per Host













Tasks by Status (Total: 2)



Tasks by CVSS (Total: 2)

Severity	# of Tasks
N/A	0
Log	0
1	0
2	0
3	0
4	0
5	0

Name ▲	Status	Reports		Severity	Trend	Actions
		Total	Last			
Vulnerable Linux	Done	2 (3)	Tue, May 1, 2018 8:23 PM	10.0 (High)		    
Vulnerable linux remote	Done	2 (2)	Tue, May 1, 2018 7:55 PM	10.0 (High)		    

(Applied filter: min_qod=70 apply_overrides=1 rows=10 first=1 sort=name)



GVM (Greenbone Vulnerability Management) Tools

▶ gvm-cli

- ▶ replaces „omp“ command line tool
- ▶ for (power-)shell batch processes

▶ gvm-pyshell

- ▶ GMP API embedded in full-featured programming language „Python“
- ▶ Single binary for Windows: Easy to install
- ▶ Open Sourced, available at <https://github.com/greenbone/gvm-tools>
- ▶ Sample collection under „scripts/“
 - ▶ Contributions by Greenbone, partners & customers

GSR-HTML: Next Generation HTML Report

- ▶ Flexible and interactive
- ▶ Single file, offline-capable
- ▶ Can use almost any GUI element of GOS 5
- ▶ Next steps:
 - ▶ Charts
 - ▶ Generator for PDF transformation
 - ▶ GUI configurator
 - ▶ Digital signatures
 - ▶ Eventually replace GXR-PDF, GSR-PDF, PDF

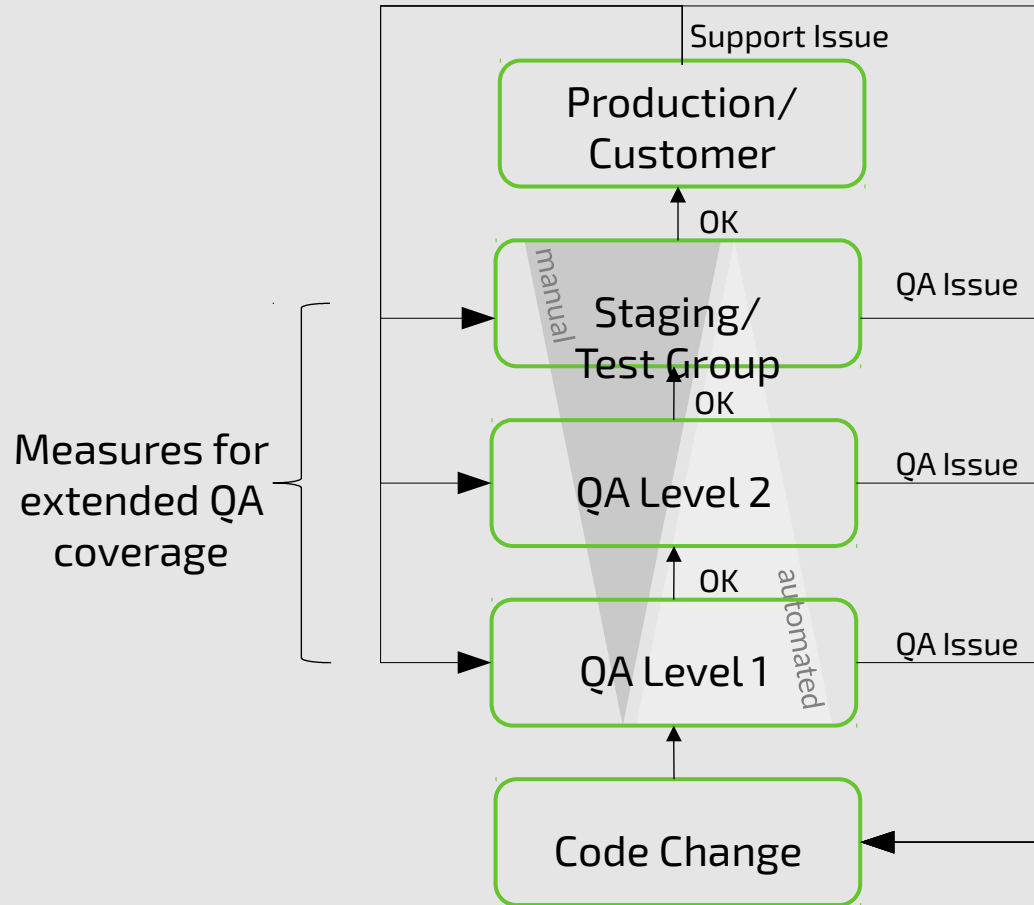
Beyond GOS 5.0

- ▶ Sensors NG: Pure scanners (no DBMS)
- ▶ Continuous feed update
- ▶ Extended asset management
- ▶ Exposure view
- ▶ Risk & TI (Threat Intelligence)
- ▶ Policy & Compliance
- ▶ Greenbone Apps
- ▶ Extended scanning capabilities, e.g. Achilles/SCADA/ICS

Upcoming GSM models 2018

- ▶ GSM 150: New SME generation and successor of GSM 100
 - ▶ Rackmount-only
 - ▶ HDMI/USB (serial not mandatory anymore)
- ▶ GSM 35: New sensor generation and successor of GSM 25
 - ▶ Rackmount-only
 - ▶ HDMI/USB (serial not mandatory anymore)
- ▶ GSM Virtual Sensor
 - ▶ New name for GSM 25V, no changes

GSM Quality Management Process



Thank you for your attention.



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Questions?

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