



ISE[®] SOUTHEAST EXECUTIVE FORUM

Nominee Showcase Presentation

Healthways

TAPOUT

Bob Quandt & Josh Tower

Executive Director, Information Security & Security Engineer



Company Overview



Healthways is the largest independent global provider of well-being improvement solutions. Dedicated to creating a healthier world one person at a time, we use the science of behavior change to produce and measure positive change in well-being for our customers, which include employers, integrated health systems, hospitals, physicians, health plans, communities and government entities. We provide highly specific and personalized support for each individual and their team of experts to optimize each participant's health and productivity and to reduce health-related costs. Results are achieved by addressing longitudinal health risks and care needs of everyone in a given population. We've scaled our proprietary technology infrastructure and delivery capabilities developed over 30 years and now serve approximately 68 million people on four continents.



The Problem

- How can you achieve 100% accountability for vulnerability management in a diverse environment?
- Lack of official acknowledgement
- Delayed remediation
- Difficult to track individual vulnerabilities over time
- Need to provide vulnerability owners more details with little to no training

- Finding the vulnerability is not the problem, fixing it is!



The Idea

Build a tool that...

- Provides interface for vulnerability owners to view vulnerability scan results and easily access details around the vulnerability and the remediation steps
- Allows actionable responses to be made for each finding
- Expedites follow-up and escalation process



Introducing TAPOUT

TAP OUT Home

Register Log in

TAP OUT

Threat Age Prevalence Oversight Utility Tool

Getting started

You must have a valid user account along with the correct roles in order to view reports. Please register for an account and then contact [REDACTED] to receive access.

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User Interface

TAP OUT Home Admin

Hello, joshua.tower@healthways.com | Log off

Reports

To submit responses for a vulnerability, please select a decision from the dropdown in the Remediation Response column and fill in any required comments in the Remediation Comments column. Decisions must be saved via the Submit button. Navigating away from the page or switching targets will remove any unsaved decisions. You can click on the Details button for more information on a particular row.

Report Target: Demo Show Closed Findings

Detailed View	Plugin Name	IP Address	Port	NetBIOS Name	Severity	Patch Publication Date	Open Since	Nessus Last Scan Date	Status	Last Response
<input type="button" value="Details"/>	SSL Self-Signed Certificate	10.220.2.4	3389		Medium	N/A	02/07/15	02/07/15	Updated(2/17/2015)	Patch within required window
<input type="button" value="Details"/>	CentOS 6 : libX11 / libXcursor / libXext / libXfi...	10.220.2.5	0		Medium	10/20/14	02/07/15	02/07/15	Updated(2/17/2015)	Continuation, research needed - decision on ...
<input type="button" value="Details"/>	CentOS 6 : cups (CESA-2014:1388)	10.220.2.5	0		Medium	10/20/14	02/07/15	02/07/15	Updated(2/17/2015)	Patch within required window
<input type="button" value="Details"/>	CentOS 6 : openssh (CESA-2014:1552)	10.220.2.5	0		Medium	10/20/14	02/07/15	02/07/15	Updated(2/17/2015)	Patch within required window
<input type="button" value="Details"/>	SSL Certificate Cannot Be Trusted	10.220.2.5	8834		Medium	N/A	02/07/15	02/07/15	Updated(2/17/2015)	Possible false positive - research with Security
<input type="button" value="Details"/>	CentOS 6 / 7 : lzo (CESA-2014:0861)	10.220.2.5	0		Medium	07/09/14	02/07/15	02/07/15	Updated(2/17/2015)	Patch within required window
<input type="button" value="Details"/>	CentOS 6 : samba4 (CESA-2014:1009)	10.220.2.5	0		High	08/05/14	02/07/15	02/07/15	Updated(2/17/2015)	Exception requested
<input type="button" value="Details"/>	CentOS 5 / 6 / 7 : bash (CESA-2014:1306)	10.220.2.5	0		Critical	09/25/14	02/07/15	02/07/15	Open	





User Interface(Cont)

Manually Upload Decisions

If you have already made responses on a manual excel sheet, you can upload those responses here.

No file chosen

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Detailed View

Plugin Id	79182
Plugin Name	CentOS 6 : libX11 / libXcursor / libXext / libXfixes / libXi / libXinerama / libXp / libXrandr / etc (CESA-2014:1436)
Family	CentOS Local Security Checks
Severity	Medium
IP Address	10.220.2.5
Port	0
Exploit	No
NetBIOS Name	
CVSS	6.8
Patch Publication Date	10/20/14
Open Since	02/07/15
Nessus Last Scan Date	02/07/15
Last Response Decision	Continuation, research needed - decision on next report
Last Response Comment	
Response Submitted	2/17/2015 12:00:00 AM





Features

- Vulnerability reports per target domain
- Link back to Nessus Plugin page for user research
- Decision making and comments for each finding
- Target report export and response import
- Automated emails for new reports, follow-ups, late responses, and escalations.
- More to come



Results

- Positive acceptance from vulnerability owners and leadership
- 200% reduction in remediation time for server vulnerabilities