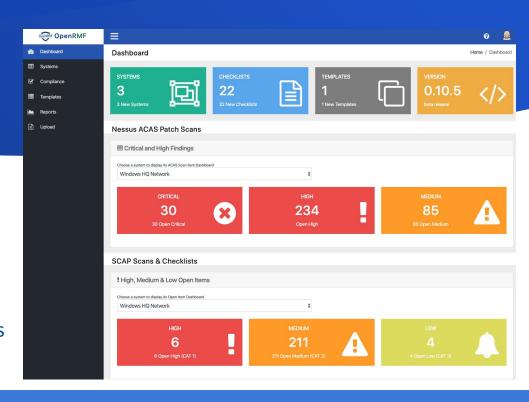
# OpenRMF - Innovation and Automation for DISA STIGs, Nessus scans and NIST Controls

#### https://www.openrmf.io

The only web-based open source tool to help you manage your DISA STIGs, Nessus Scans, NIST Controls, and correlate them automatically!

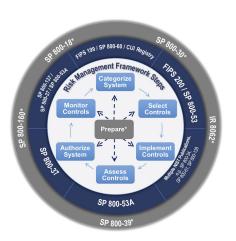
- Upload Checklists (CKL or XCCDF SCAP)
- Run Compliance and Information Reports
- Filter on Open Items remaining
- Manage Checklists by System



#### Current Challenges Implementing RMF

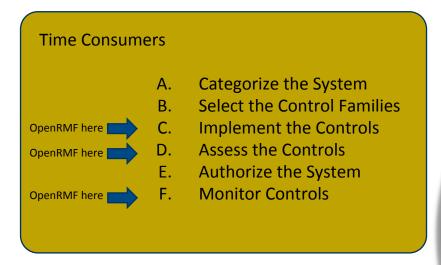


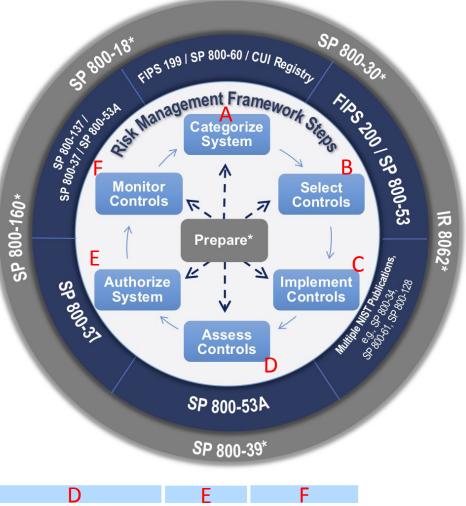
- Slow process driven by disparate systems
- Compliance with STIGs means checklists are numerous and not related directly to NIST control families
- Information shared via Email, DISA STIG Viewer, Excel, and shared folders no single source of truth
- Limited management oversight into the IA status and security posture
- Must install Java to use the DISA STIG viewer
- Teams need actionable data from Nessus ACAS scans easily
- IT Teams must manage the checklists manually
- Checklists are managed manually, one at a time
- Leadership sees Cybersecurity as "black magic" and "too hard"
- Leadership does not see value in Cybersecurity only hardship
- No correlation of errors and deltas across checklists



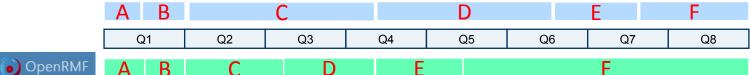
#### The RMF Process – 6 Steps







#### **Current Timeframe**



#### Complexity of RMF in your System



Example: 1 system consisting of 10 Windows Servers with 1 Application

#### eMass Process Categorize System (High / Moderate / Low) Outputs Selections to **NIST Control** Categories Moderate Level system could have 180 controls AC-1 AC-2 AC-12 PM-2 PM-12

No Automated Correlation

**Completely Manual!** 

#### **DISA STIG Process**

Identify necessary checklists for your system

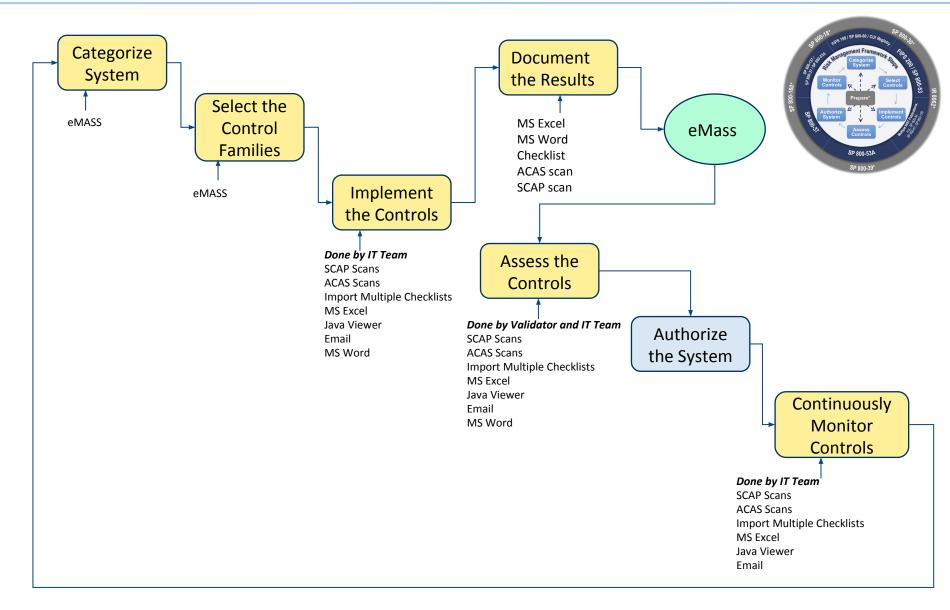
- (10) Windows 2016 OS Checklists (272 items each)
- (10) Internet Explorer Checklists (136 items each)
- (10) .NET Checklists (16 items each)
- (1) SQL Server 2014 DB Checklist (42 items each)
- (1) SQL Server 2014 Instance Checklist (92 items each)
- (1) Application Security & Development Checklist (288 items)
- (10) Java Checklists (16 items each)

Open a new checklist (53) for each with the STIG Viewer to modify and update 4,822 items!



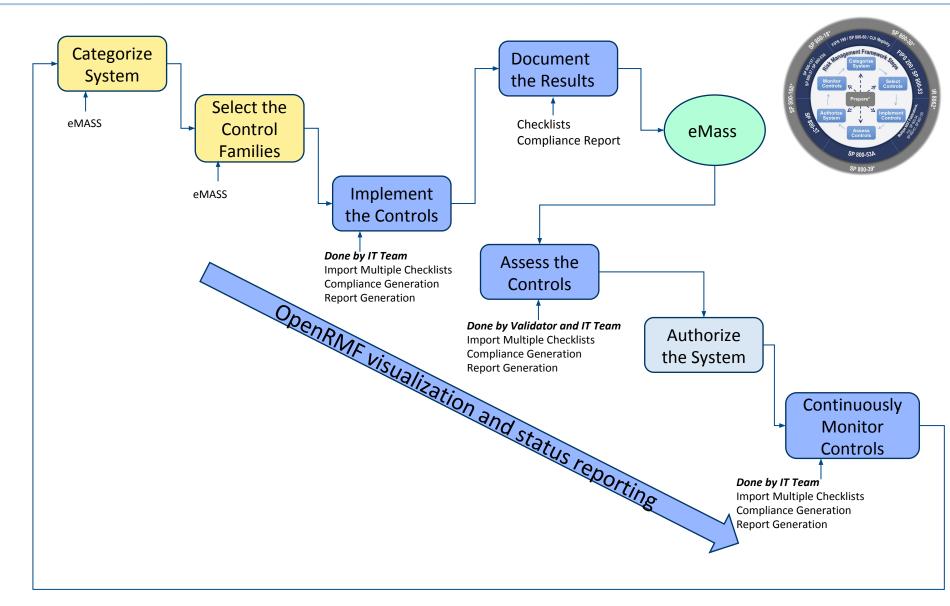
#### **Current RMF Process**





#### RMF Process with OpenRMF Automation





#### OpenRMF Features



- 100% Open Source tool
- Automatically Relate DISA STIGs with NIST RMF Control Families and Categories Seamlessly
- Automatically Organize Checklists by System
- Single Source of Truth for all System Checklists
- Management Insight into IA Status and Security Posture
- On premise, local machine, or in the cloud
- 100% Browser based
- Role Based Access Control
- Easily Find Errors and Deltas Across Checklists
- Run Nessus scan, Checklist, and Controls reports
- Removes the IA Mystery!

More information at <a href="https://www.openrmf.io/">https://www.openrmf.io/</a>

#### Coming Soon...



- March 2020 v 0.12
  - Automatically create your Test Plan
  - Automatically create your POA&M
  - Automatically create your Risk Assessment Report
  - Live Editing of Checklists Online
  - Better reporting and filtering of data
  - Edit vulnerability status across multiple checklists in an instant

#### August 2020 - v 1.0 Enterprise Features

- Versioning of Checklists
- More Detailed Reporting
- Multi-Tenant
- Versioning and Merging of Nessus ACAS scan data
- Enterprise Connectors to external systems



# **OpenRMF v 0.11 Screenshots**

#### **OpenRMF Testimonials**



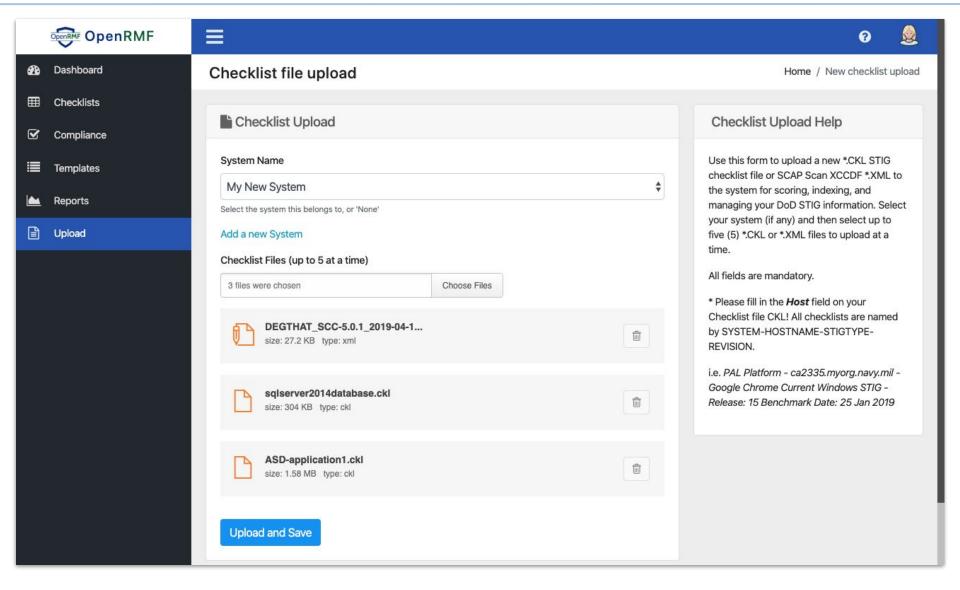
"Using the OpenRMF tool, we reduced the three weeks to generate our compliance report down to 5 minutes. And OpenRMF found an error in our compliance we did manually." – former employee of MSG

"With the OpenRMF Tool, we quickly found 2 servers with the exact same hostname we did not see by looking at each checklist individually." - Neany

"Using the list of checklists per system, we were able to update management on our number of open items across all checklists within our system in seconds." - Tutela

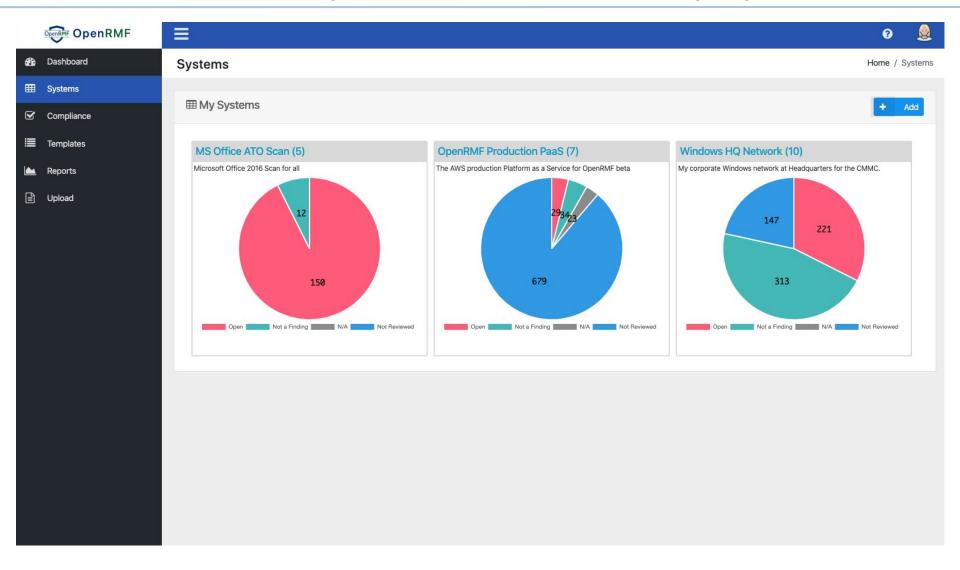
#### Screen Shots – OpenRMF Checklist Upload





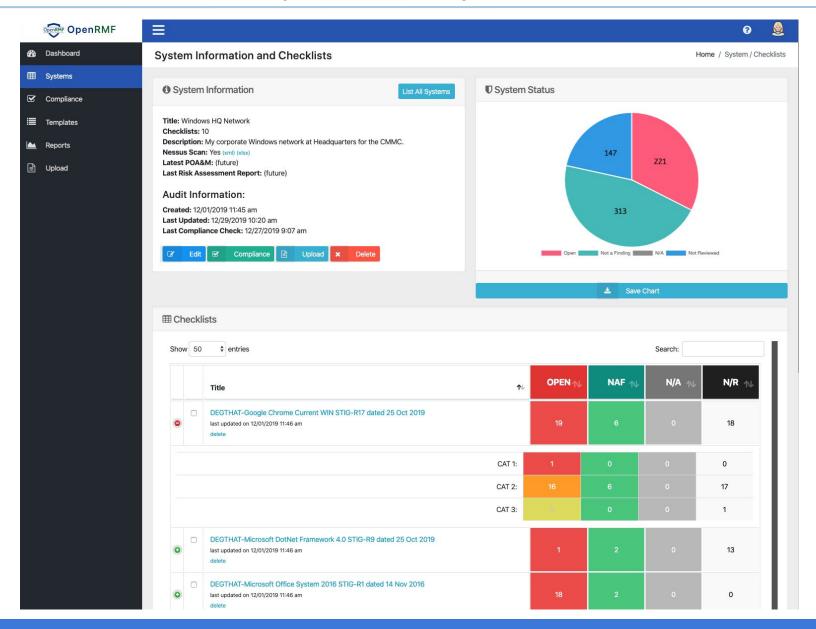
## Screen Shots – OpenRMF Checklists by System





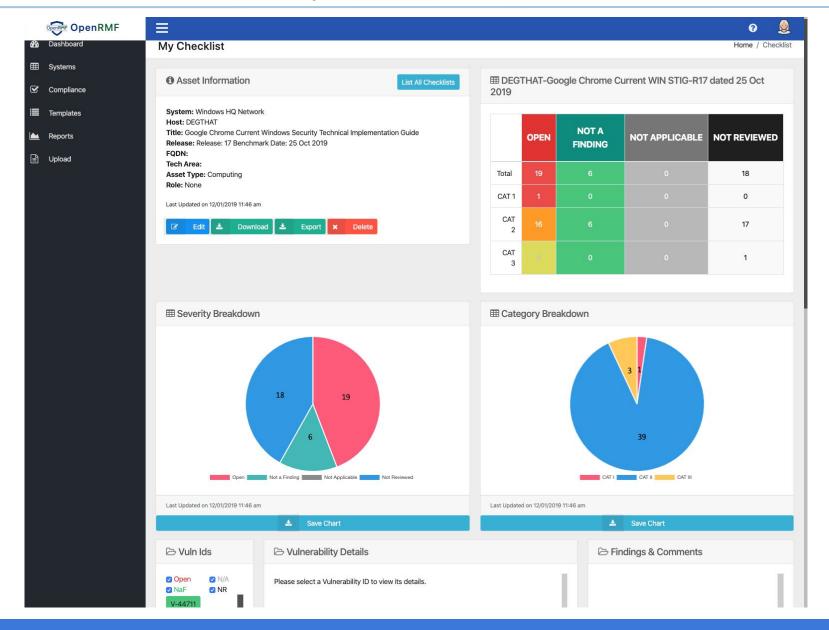
## Screen Shots – OpenRMF System Record





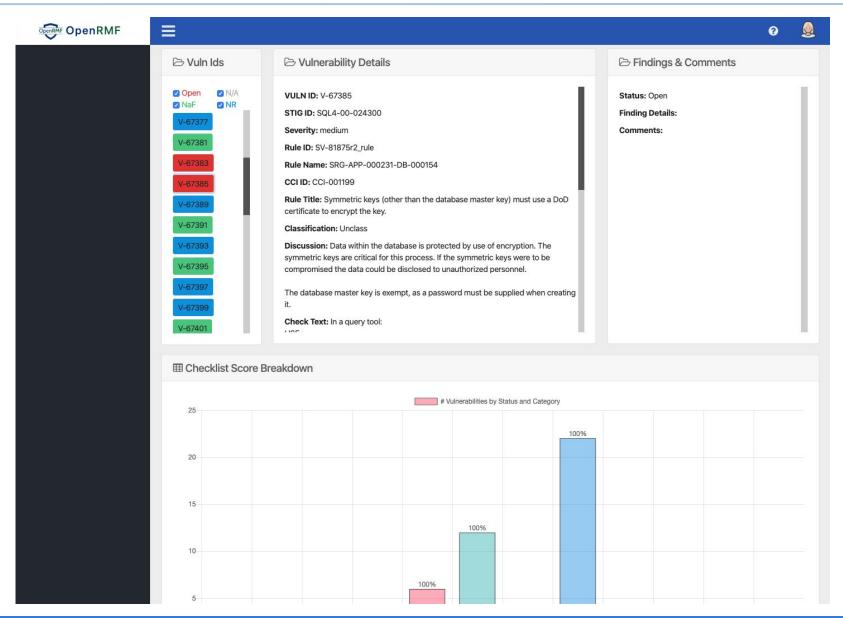
## Screen Shots – OpenRMF Individual Checklist





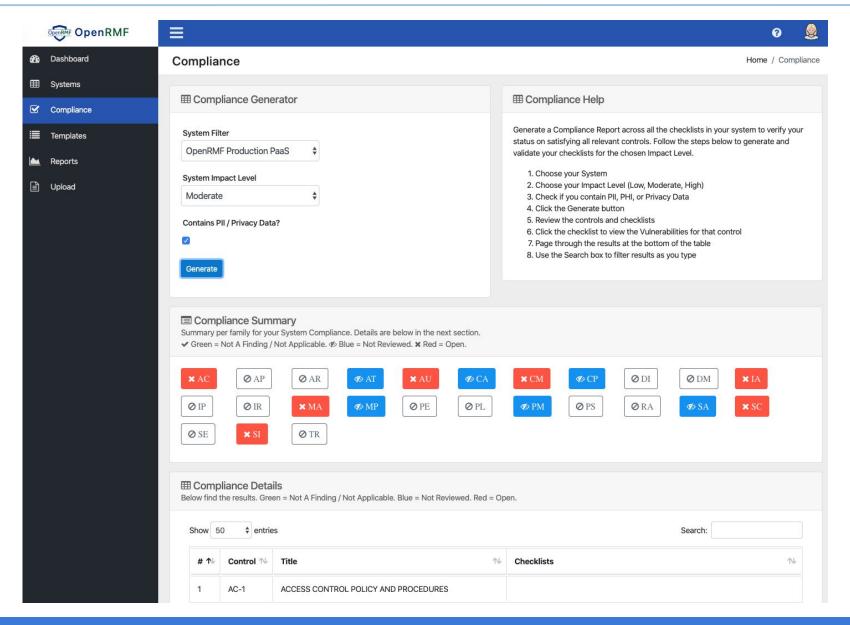
#### Screen Shots – OpenRMF Individual Checklist





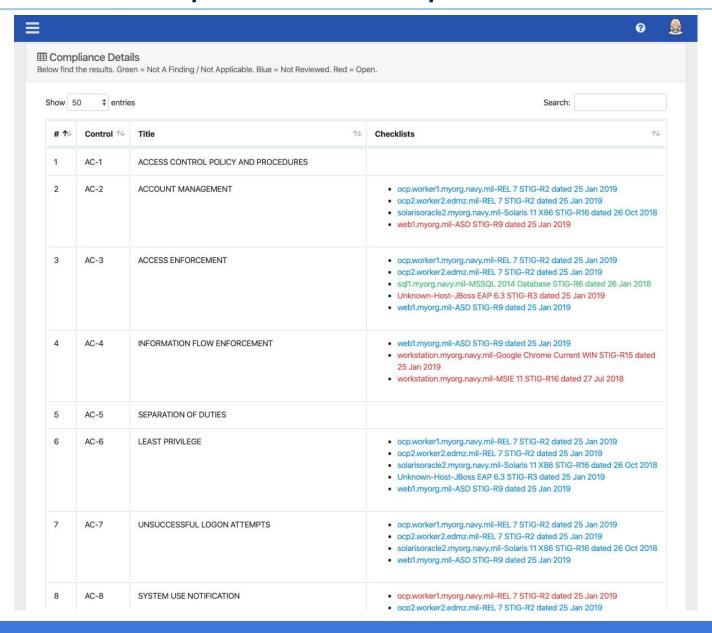
# Screen Shots – OpenRMF Generate Compliance





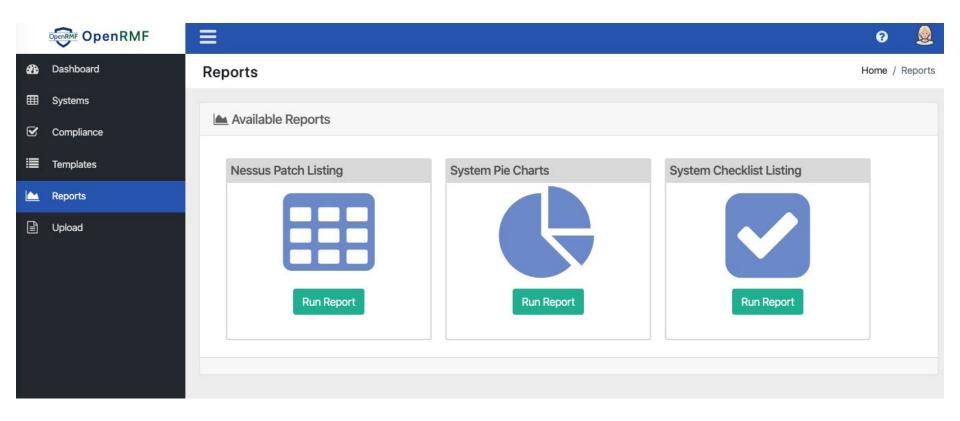
#### Screen Shots – OpenRMF Compliance Details





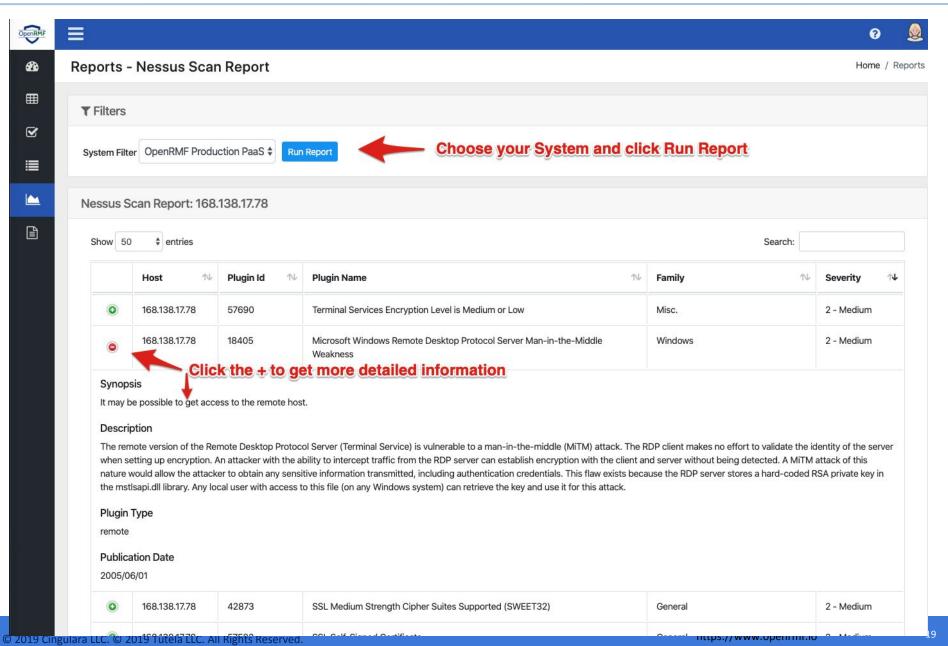
#### Screen Shots – OpenRMF Reports





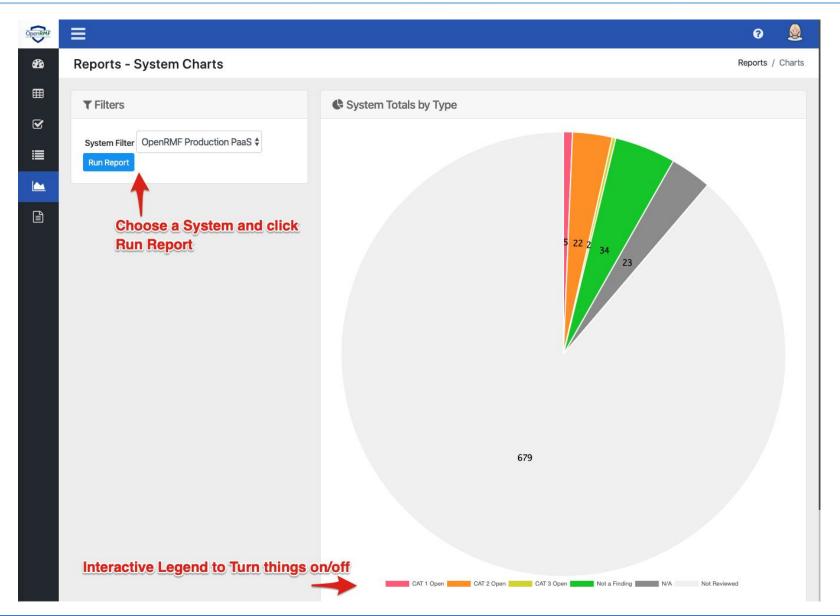
#### Screen Shots – OpenRMF Nessus Reports





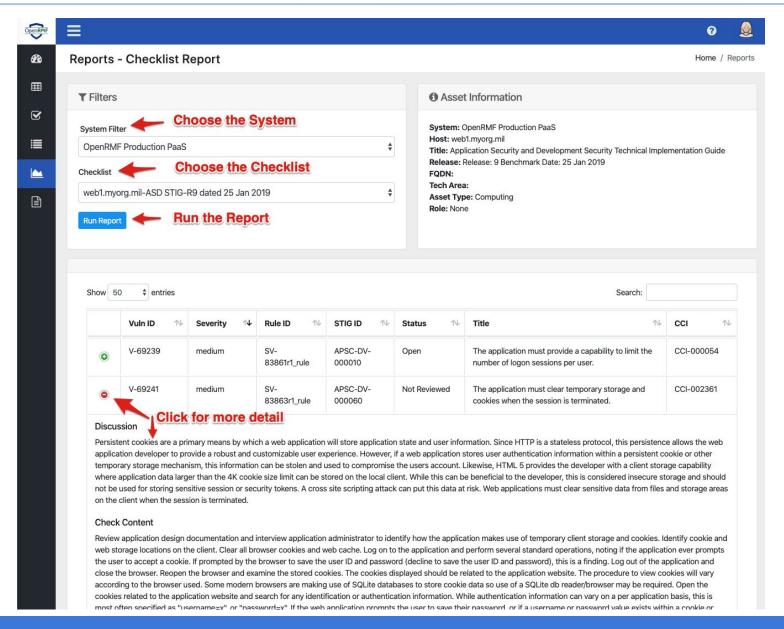
#### Screen Shots – OpenRMF System Reports





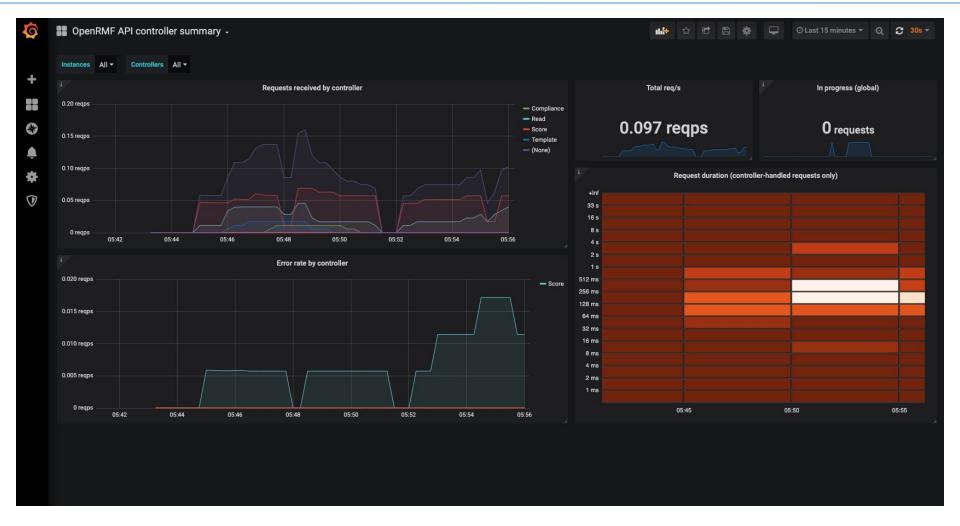
#### Screen Shots – OpenRMF Checklist Reports





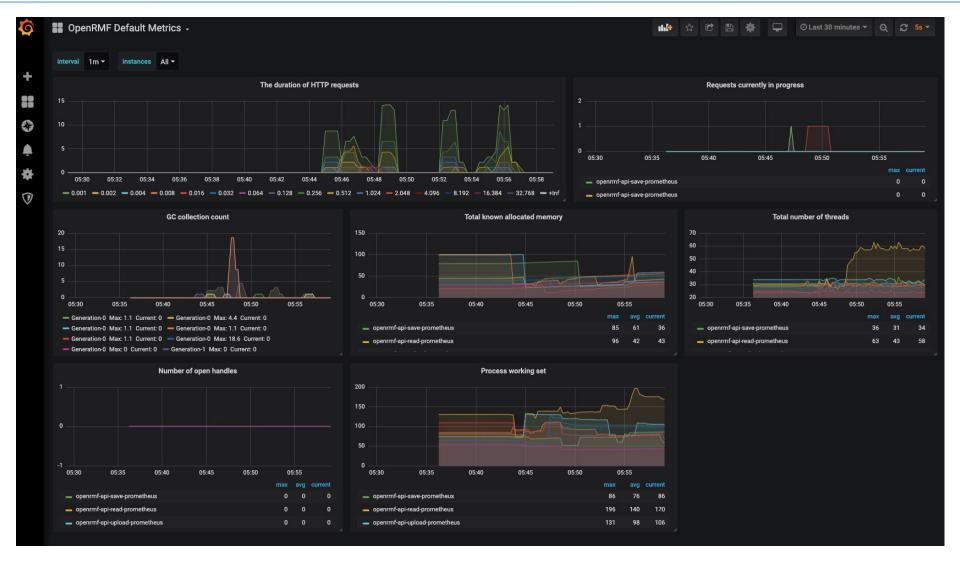
## Screen Shots – OpenRMF Metrics (Grafana)





# Screen Shots – OpenRMF Metrics (Grafana)





## Screen Shots – OpenRMF Metrics (Grafana)



