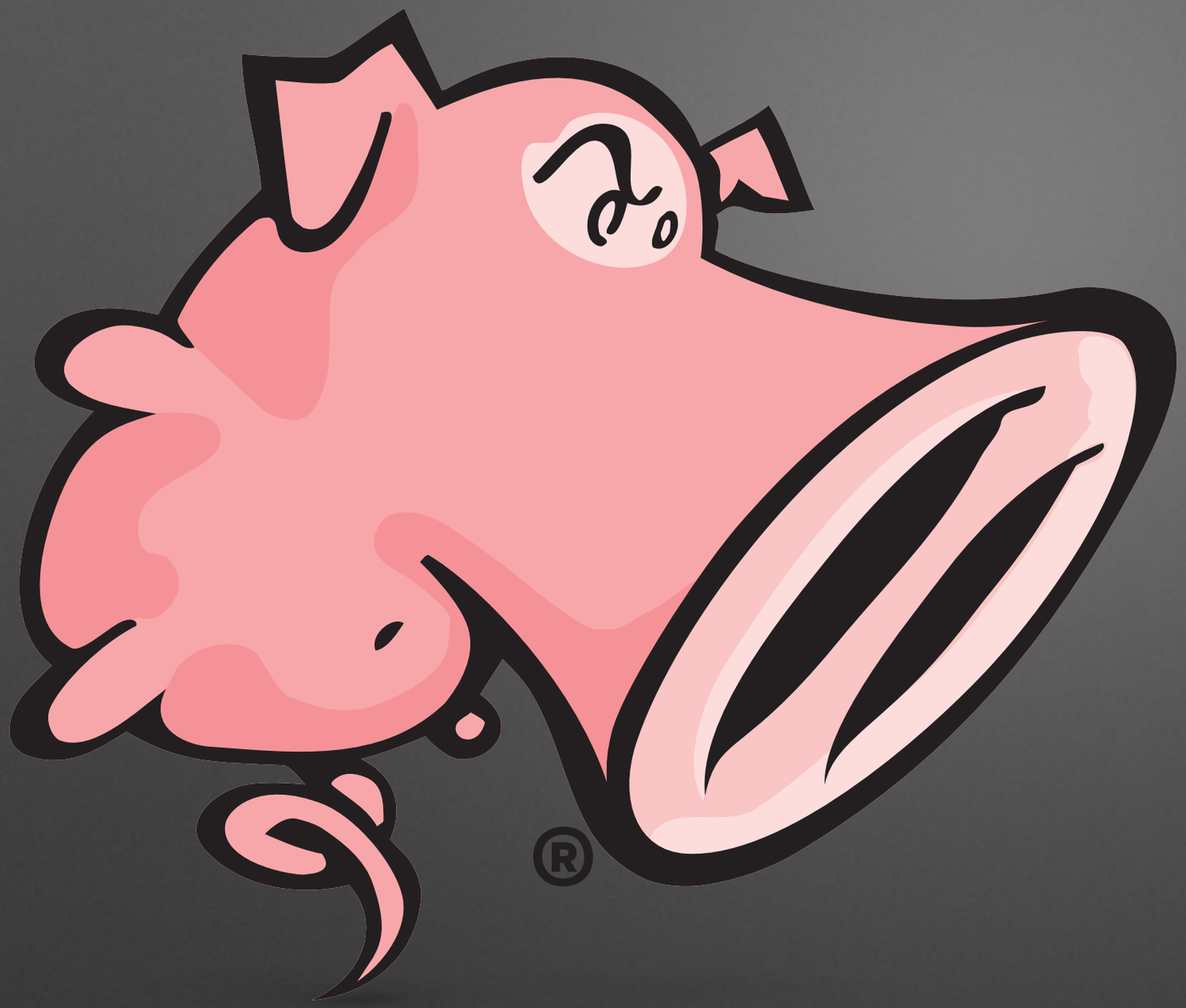


Open Source Community Webinar

Joel Esler, Open Source Manager

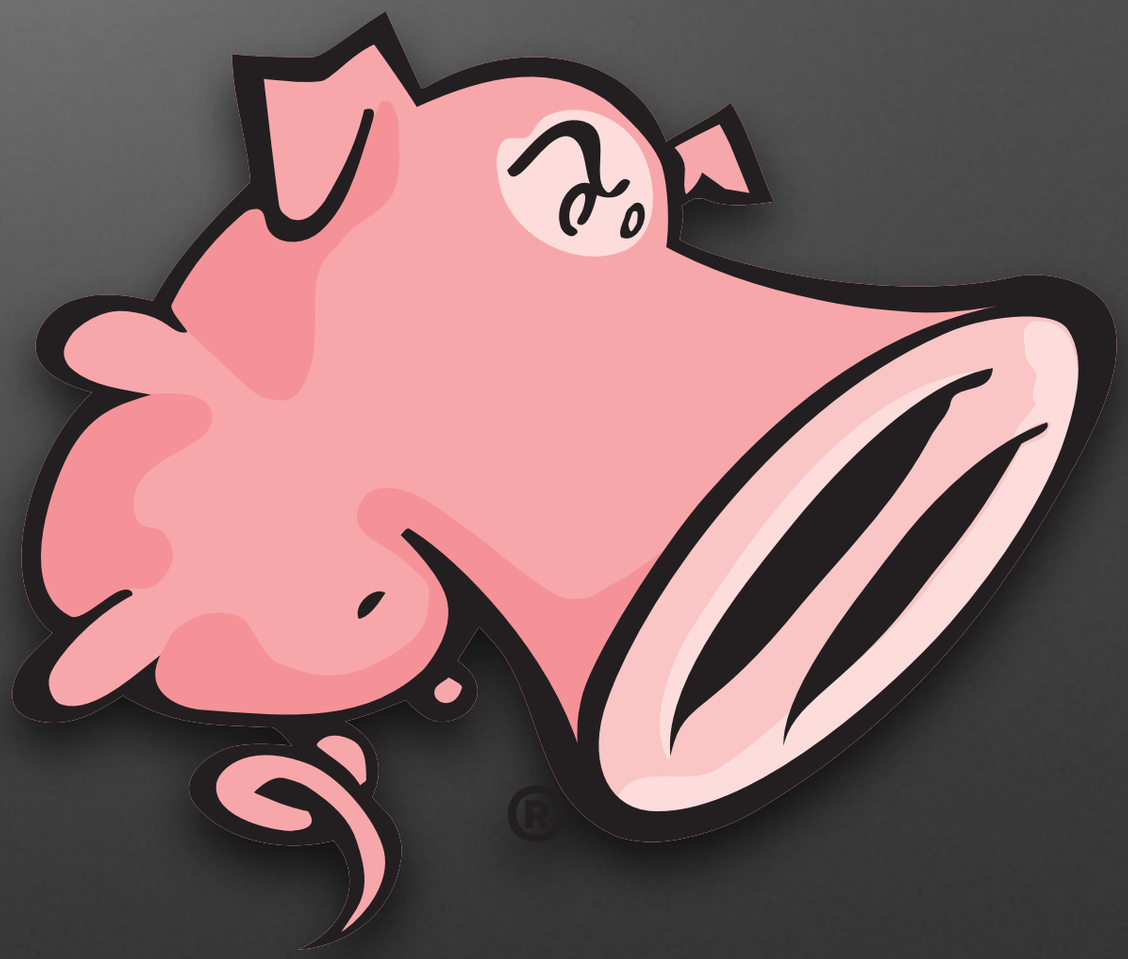
Agenda

- Snort Roadmap
- snort.org Roadmap
- ClamAV Roadmap
- Detection Roadmap
- Community Announcements
- Q&A

Snort Roadmap

Snort Roadmap

- OpenAppId
- Flash / PDF Decompression
- SMTP / POP / IMAP PAF Support
- File Type ID
- File Extraction
- Unicode File Name Support



OpenAppID – First OSS Application and Control

- Open App ID Language Documentation
  - Accelerate the identification and protection for new cloud-delivered applications
- Special Snort engine with OpenAppID preprocessor
  - Detect apps on network
  - Report usage stats
  - Block apps by policy
  - Snort rule language extensions to enable app specification
  - Append ‘App Name’ to IPS events
- Library of Open App ID Detectors
  - Over 1000 new detectors to use with Snort preprocessor
  - Extendable sample detectors

Available now at Snort.org

Auto-Detection of Services

- Find any protocol, on any port
- Find any application, on any port

- alert tcp $HOME_NET any -> $EXTERNAL_NET any (msg:”Look for malware”; content:”malware”; nocase; metadata:service http; sid:1;)

Flash / PDF Decompression

- The ability to expand a Compressed Flash File on the wire and inspect the contents
- The ability to decompress a “FlateDecode” compressed section of a PDF and inspect the contents

File Type Support

- The ability to inspect files by type.

- Released as experimental in 2.9.6.0

- Allows the ability to write rules to the type of file, instead of using flowbits to identify file type.

File Extraction

- The ability to extract files from network traffic and save them to disk.
- Supports SHA256 (will support md5 in future release)
- Ability to send files to another host for analyzation

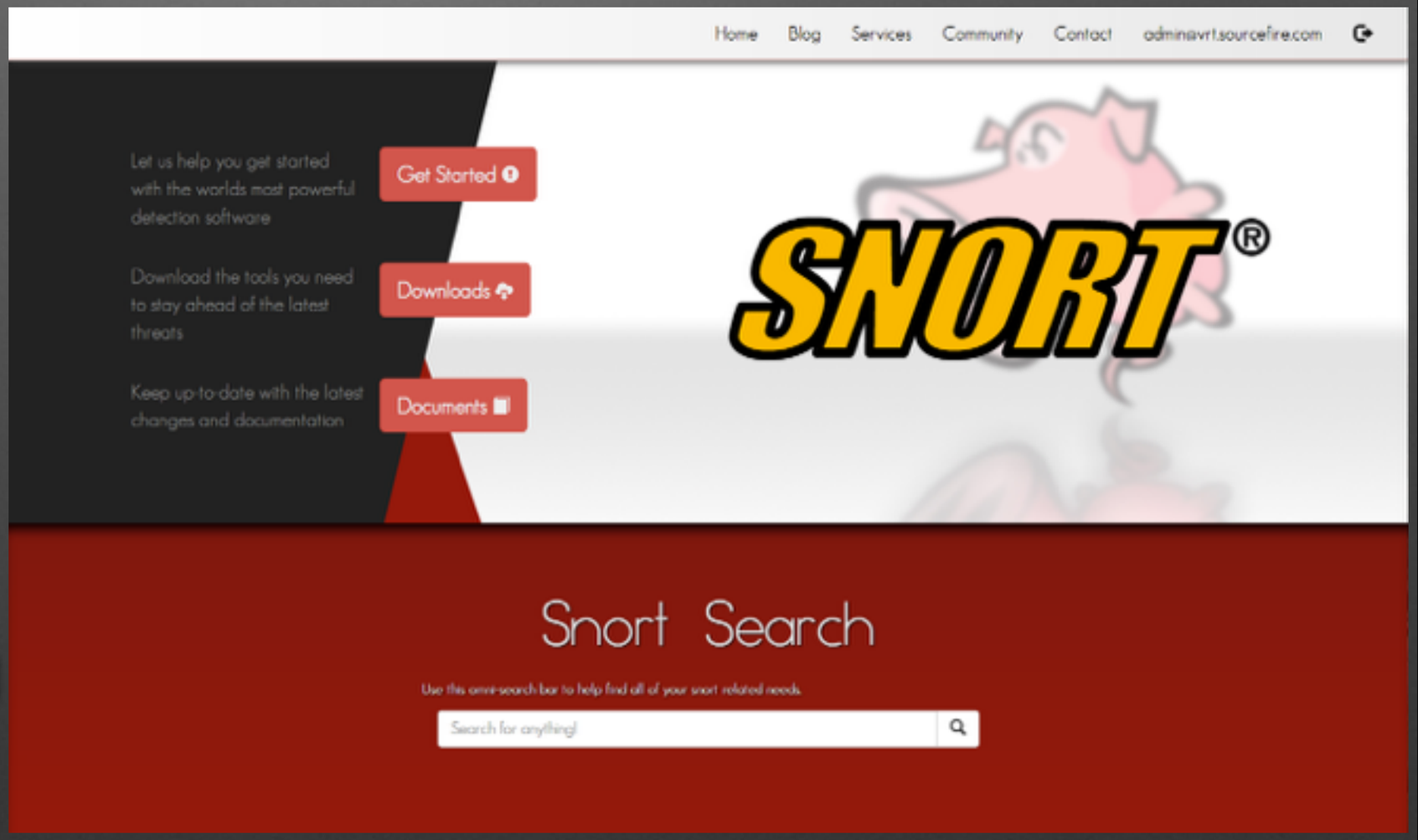
snort.org roadmap

Current snort.org

- Handles ~400,000 users
- ~100 new user accounts a day
- Hundreds of thousands of downloads a week
- On 2005 framework

snort.org

- ***Complete*** rewrite underway
- Faster
- Easier to navigate
- Simpler purchasing process



ClamAV Roadmap

ClamAV Roadmap

- OSX DMG Support (Just released)
- Telemetry Support
- OpenSSL
- IPv6 Support
- Bytecode enhancement
- OpenIOC
- Yara
- Json Output
- Memory and Registry Scanning

Telemetry

- Allows us to see the efficacy of the ruleset
- Detection Rates, Infection Rates, etc

OpenSSL

- Introducing OpenSSL as a dependency
- Faster calculation of hashes
- Overall performance improvement of about 30%

OpenIOC

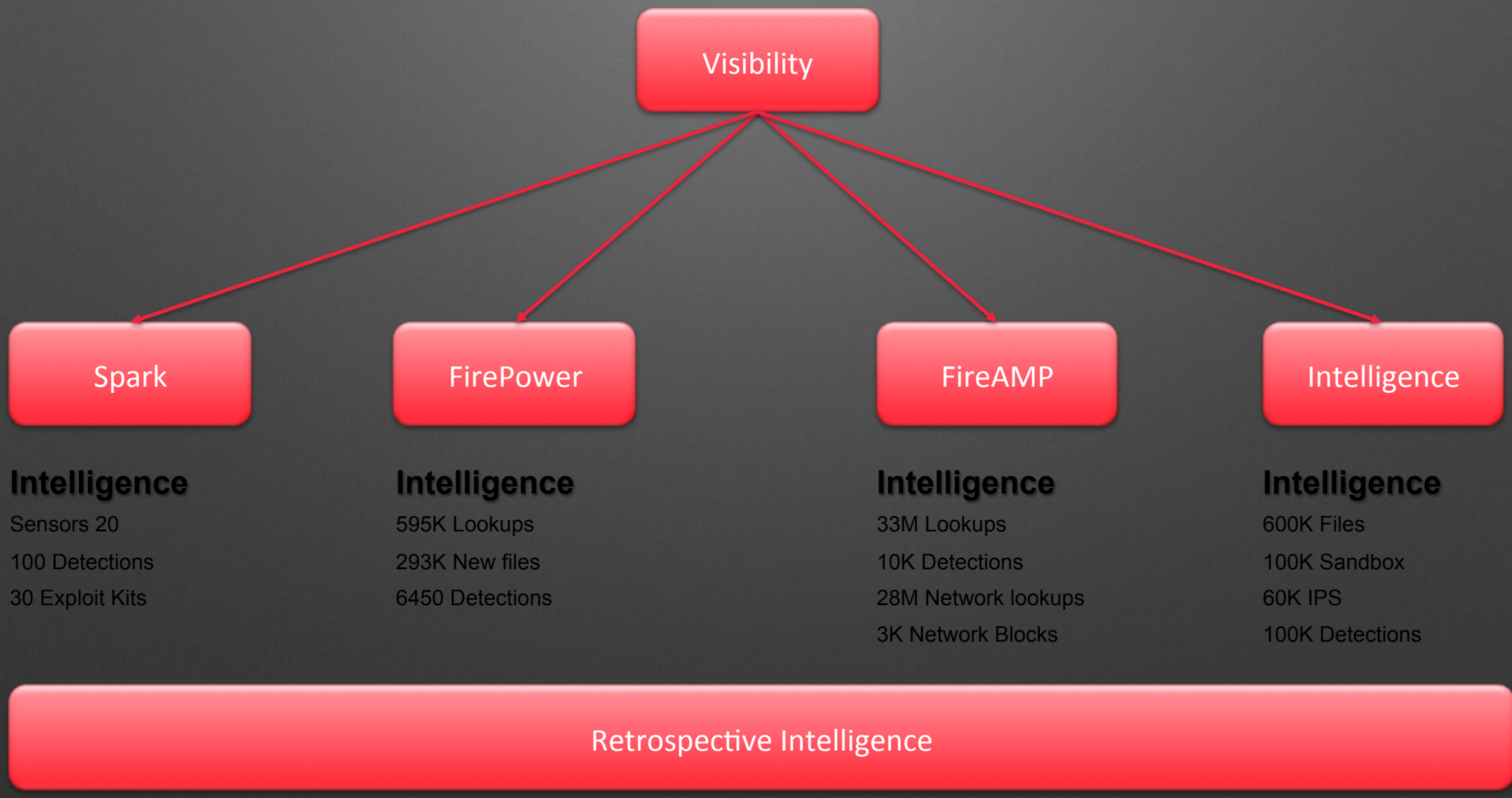
- Supporting the OpenIOC format for detection

Yara

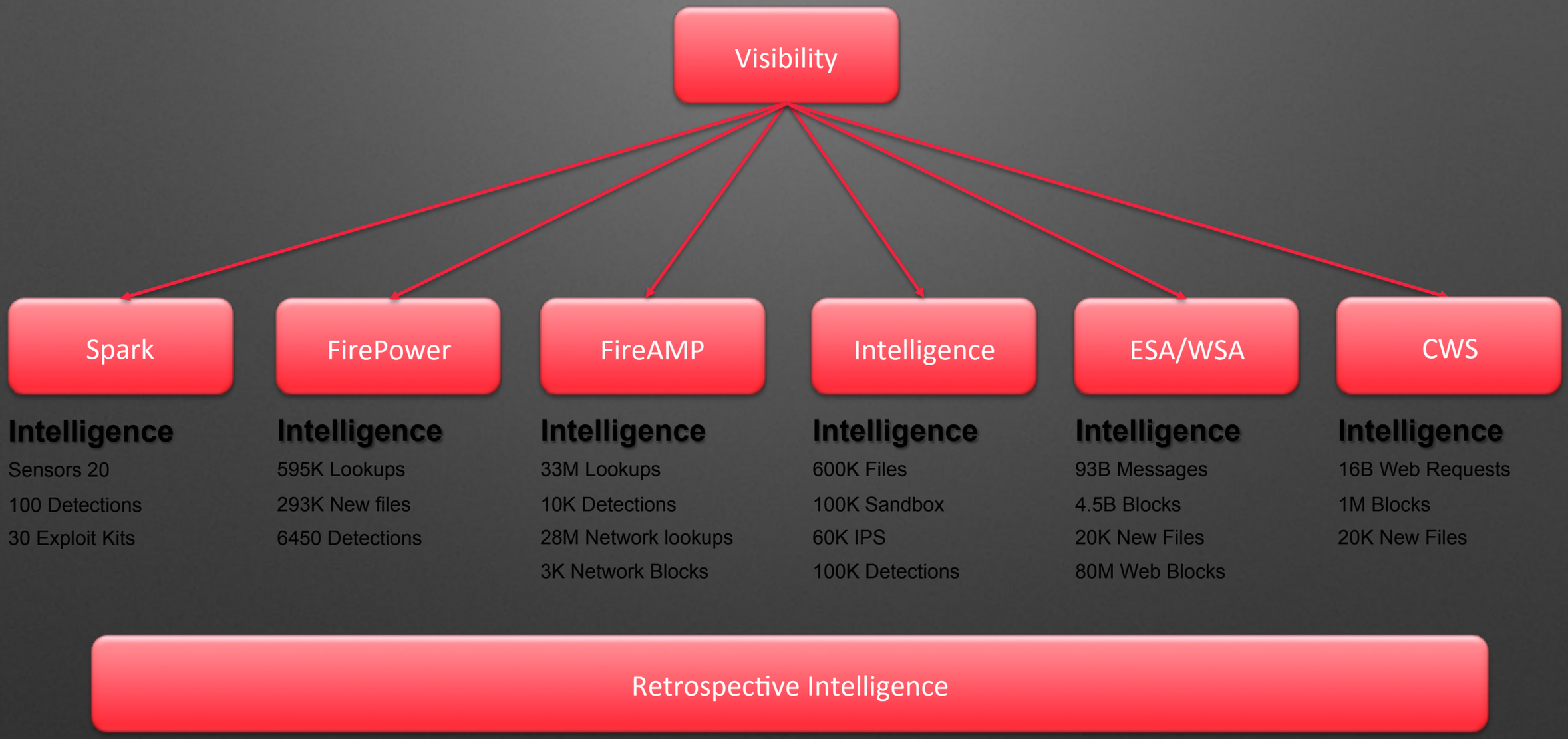
- Supporting the Yara format for the detection of malware.

Detection Roadmap Update

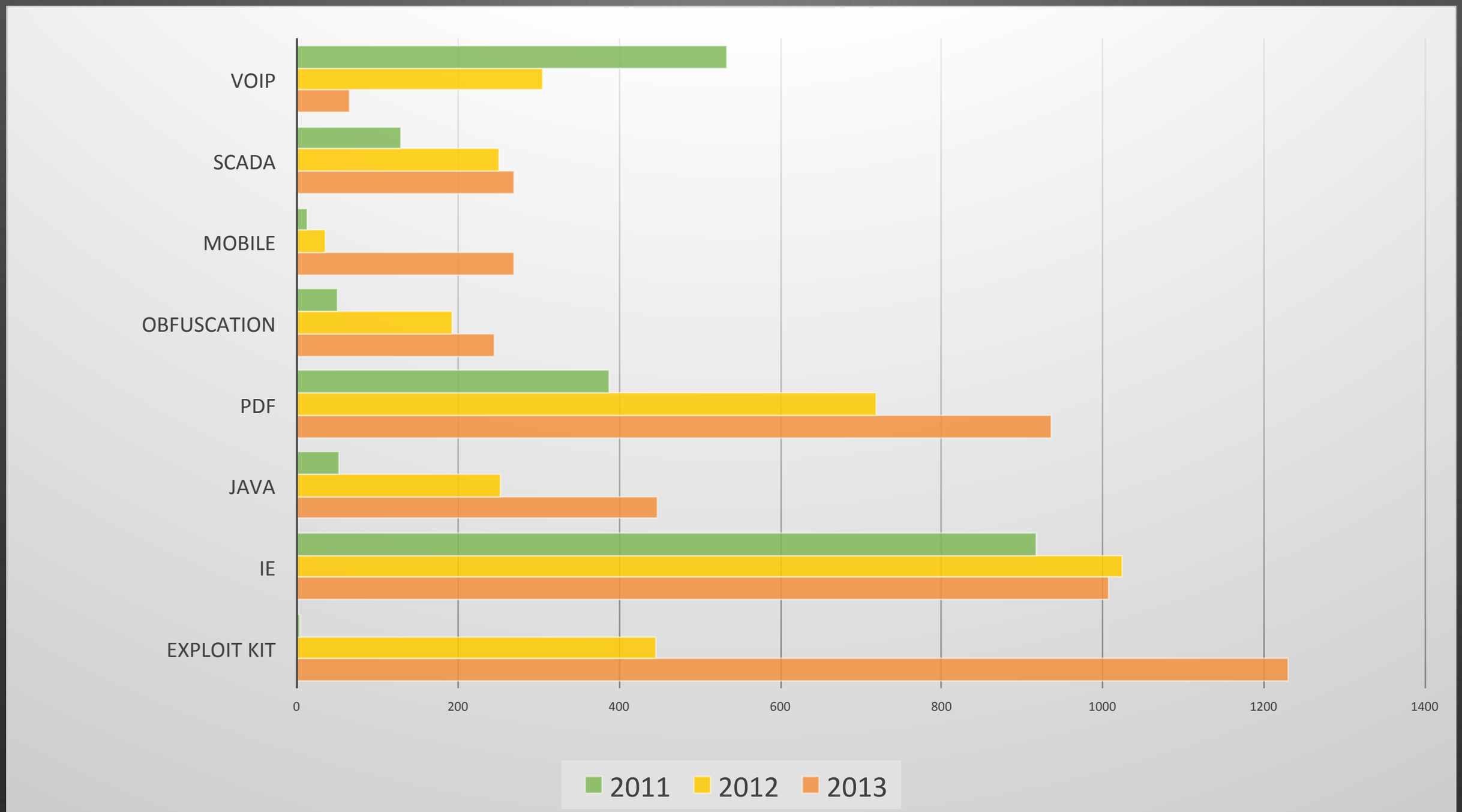
Detection Roadmap



Detection Roadmap Now



Detection Trends

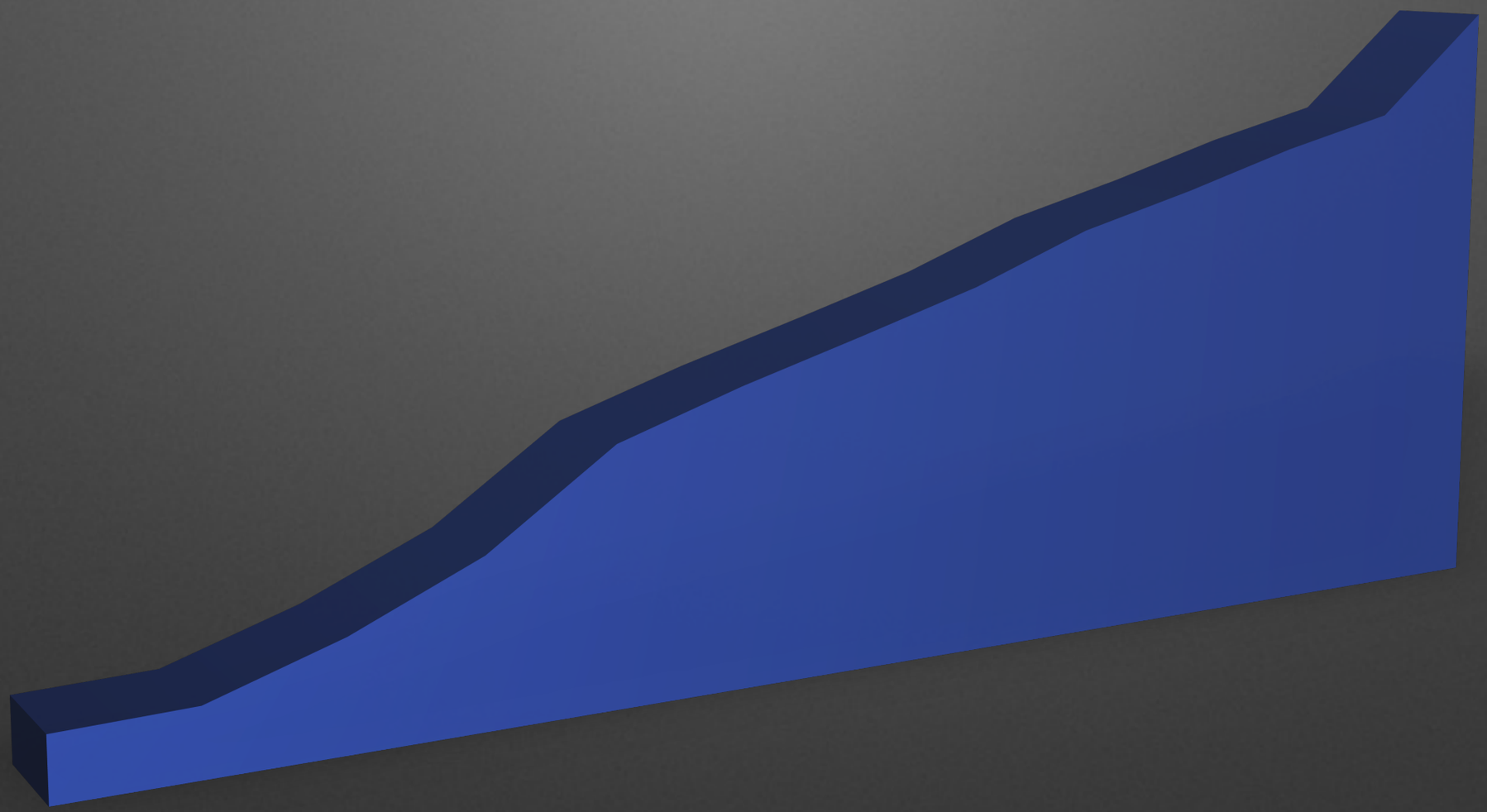


Community Announcements

Community Announcements

- Community Signatures
- Snort
- ClamAV

Snort Community Signatures



2,908 Community Rules

ClamAV Community Signatures

- Accepting Community Signatures from the ClamAV Community
- Community-sigs mailing list at ClamAV.net

Question and Answer Time