Runecast

Software-defined expertise

Less troubleshooting. More innovating.

TechField Day Extra VMworld Extra 2018

Runecast Company and Product Overview

Stanimir Markov
CEO and co-founder
@sferk

Overview

Runecast
Software-defined expertise

Proactive VMware management solution that uses current VMware Knowledge Base articles and our expertise to analyze your virtual infrastructure and **expose potential issues** and best practice violations, **before they cause major outages**.

Other products

Focus on performance and capacity analysis only

Massive amount of IT knowledge about known issues is used reactively – **negative business impact**

Why we are unique

Issues are proactively exposed **before** causing major outages

Created by VMware experts (VCDX, VCAP, VCI, vExperts)

Founders

✔ Ex-IBM – Built the VMware CoE in EMEA

✔ Highly certified in VMware

✔ Strong network within the VMware tech community

✔ Years of "in the trenches" experience

Stanimir Markov
CEO

VCDX #74
IBM Redbook author
VCI Mentor
Design and architecture

Aylin Sali
CTO

VMware vExpert
VCAP DCA & DCD
Six Sigma
ELK stack expert
ITIL

Constantin Ivanov
R&D lead

VCAP DCA & DCD
VMware vExpert
Java expert
Blogger
12 years of experience

Ched Smokovic
Sales & Marketing
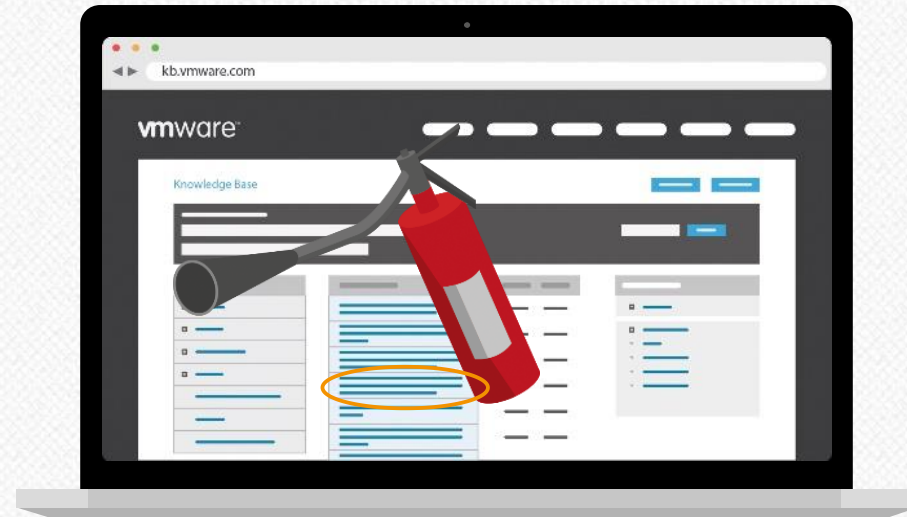
Business Development
Client relations
ITIL

Ionut Radu
R&D

VMware vExpert
VMware VCAP
Microsoft specialist
MCTS Hyper-V

How problems are solved

The massive amount of IT knowledge is used reactively !

Problems in operations

🔥 Massive amount of IT Knowledge used reactively

🔥 Security healthchecks done manually

🔥 Best Practices not used

🔥 Huge amount of logs that are unusable

🔥 Lots of time lost in troubleshooting

Real life examples

KB1004424

ISSUE

Insufficient **VMFS heap size** on ESXi hosts caused a failure of VMware HA. Every ESX/ESXi version has a default VMFS heap size that can serve a limited amount of accessed VM storage.

IMPACT

HA did not restart failed VMs. While trying to troubleshoot the problem, the customer restarted all ESXi hosts and extended the full service outage.

KB55806

ISSUE

'L1 Terminal Fault - VMM' (L1TF - VMM)
Speculative-Execution vulnerability in Intel processors for vSphere

IMPACT

Security breach!

KB2144968

ISSUE

PSOD with ESXi 6.0 U2 when hardware LRO is enabled and VM hardware version 11.

IMPACT

ESXi host went into purple diagnostic screen soon after it was updated to 6.0 U2. Service outage and several critical VMs.

Runecast Analyzer

Proactive VMware management solution that uses **our expertise** and **VMware Knowledge Base** articles to analyze virtual infrastructure and **expose potential issues** and best practice violations, **before they cause major outages**.

VMware Knowledge Base

Best Practices and Social Media

Security Hardening Guides
DISA STIG
PCI-DSS

Runecast
Software-defined expertise

vSphere

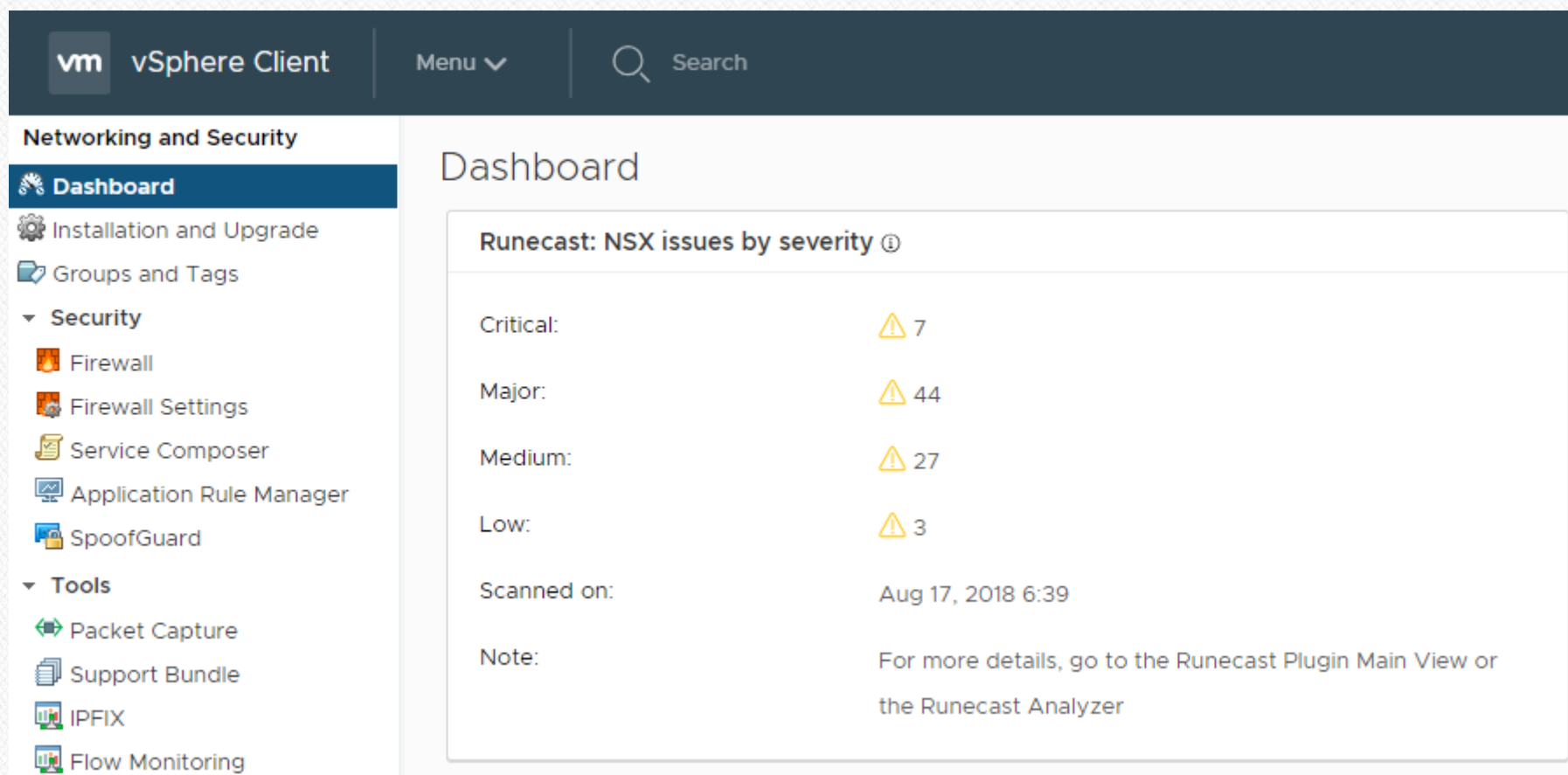vSAN

NSX

Configuration and **Logs**

Runecast Analyzer 2.0 released!

- ✓ New UI

- ✓ Historical Data reports

- ✓ PCI-DSS compliance profiles

- ✓ Updated appliance

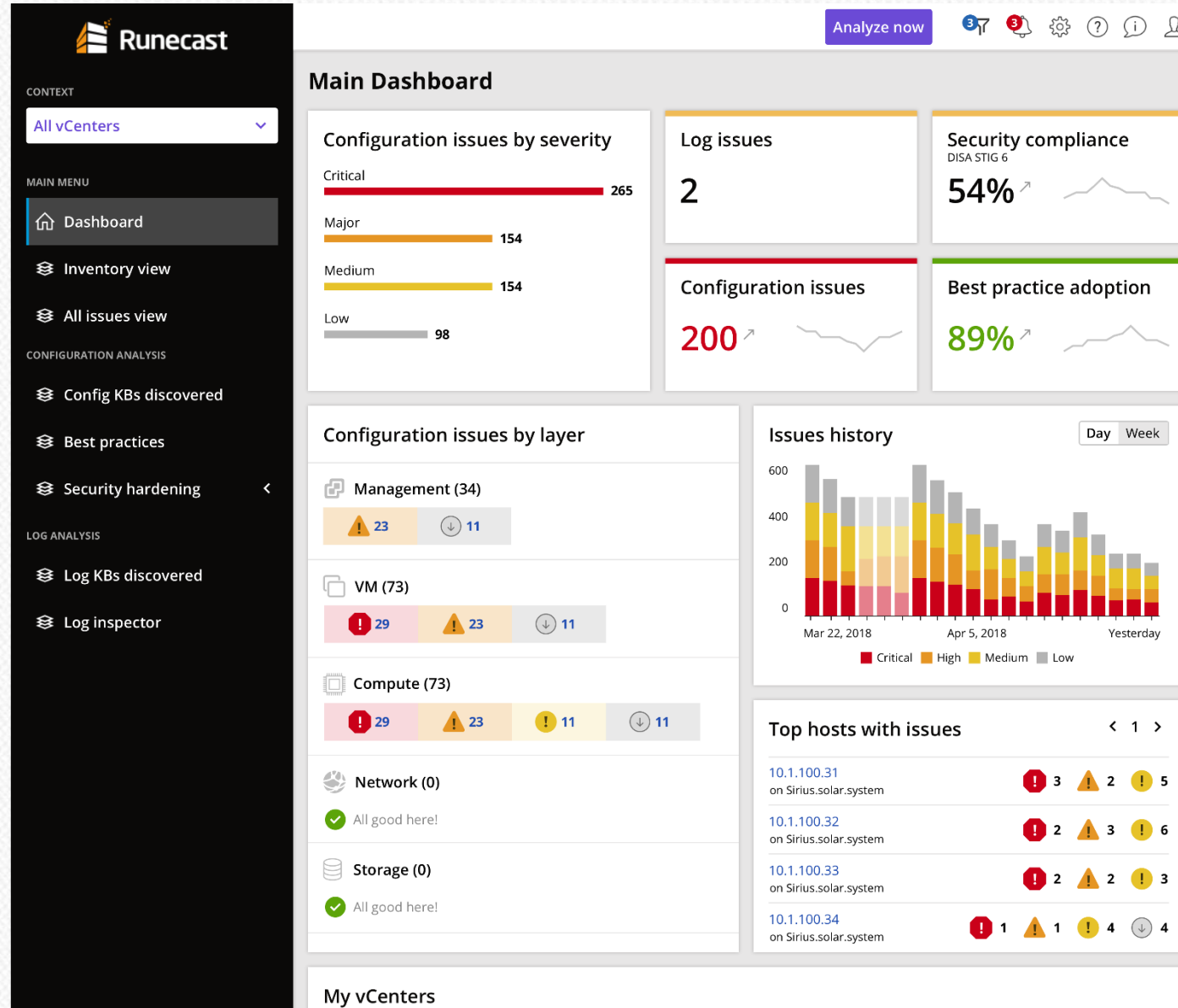**Runecast**

First third-party NSX Custom Widget

New UI

Voice of the Customer

Excellent software which complements the lack of VMware's management software.

Kazuhiro I

The tool we always wanted from VMware

Nicolas M

Easy to set up, it's just a single VM deployed in 15min, after a short scan : able to pinpoint what's not correct or missing

Thierry M

"I highly recommend this solution as a 'must have' for any VMware vSphere environment."

BYU Idaho

"It takes the pain away from VMware Administration.... it does what it says on the tin, plug and play, sit back"

IMS

Its like have a VMware Technician 24/7 auditing you VMware Environment, its absolutely great !!!!

PrimeXM

Runecast Analyzer Explained (chalk talk)

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Runecast Analyzer – Live Demo

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CTO and co-founder
@V4Virtual