

Metricon 7 – M7 Useful or Bust!

Dr. Anton Chuvakin
Program Committee Chairman

What is This?

- This is the **7th Workshop on Security Metrics** (aka Metricon aka M7)
- It is “being run” by <http://www.securitymetrics.org> 😊
- If I am *measuring right*, it is the 12th such event (after Metricons 1, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, and 6.5 in February 2012)

FINAL Agenda

Introduction to Metricon, security metrics and workshop goals by *Anton Chuvakin* (9:00-9:30)

“Even Giant Metrics Programs Start Small” by *David Severski* (9:30-10:30)

Break (10:30-10:45)

PANEL: “Rules of the road for useful security metrics” (10:45-11:30)

“Measuring security with SecQua” by *Constantinos Patsakis* (11:30-12:00)

Lunch break (12:00-1:00)

“What we want to see in security metrics” by *Christopher Carlson* (1:00-2:00)

PANEL: “What we know to work in security metrics” (2:00-2:30)

“Application Security Metrics We Use” *Steve Mckinney* (2:30-3:00)

Break (3:00 – 3:15)

“Threat Genomics and Threat Modeling” by *Jon Espenschied* (3:15-4:15)

Discussion time, everybody shares lessons, highlights, etc (4:15-5:00)

Conclusions, results and action items by *Anton Chuvakin* (5:00-5:15)

Happy hour (sponsored) (5:15-6:15)

Administrivia

- **Time will be kept – and AGGRESSIVELY so!!**
- Speakers, please note the time you have
- *We need a scribe to take notes – pls volunteer*
- **Discussion is a MUST – please get involved!!!**
- Speakers, please submit your presentations to me for posting on SecurityMetrics.org!
- Breaks will be held in Grand East Foyer and lunch will be held in Grand EFGH

Goals for M7: Useful Metrics NOW!

- How you achieved “quick wins” with security metrics?
- How you define useful metrics, whether risk or operational?
- How did you solve a particular challenge in security metrics area?
- Who gets the metrics you create? How do they use them?
- What metrics you use to determine that security controls are effective?
- How organization generate actionable advice from security metrics?
- How to track that your security is improving using metrics?

Security Metrics in Context

- Measure security to manage it?
- Measure security vs measure security control effectiveness?
- Top down metrics vs bottom up metrics
- Security metrics vs risk metrics
- Metrics, benchmarks, KPIs?
- Peer comparison vs trends (self-comparisons)

Key Workshop REMINDER!

Par-ti-ci-pate!

Security metrics as a problem is
tough enough for any one
organization to crack...

FINAL Agenda

Introduction to Metricon, security metrics and workshop goals by *Anton Chuvakin* (9:00-9:30)

“Even Giant Metrics Programs Start Small” by *David Severski* (9:30-10:30)

Break (10:30-10:45)

PANEL: “Rules of the road for useful security metrics” (10:45-11:30)

“Measuring security with SecQua” by *Constantinos Patsakis* (11:30-12:00)

Lunch break (12:00-1:00)

“What we want to see in security metrics” by *Christopher Carlson* (1:00-2:00)

PANEL: “What we know to work in security metrics” (2:00-2:30)

“Application Security Metrics We Use” *Steve Mckinney* (2:30-3:00)

Break (3:00 – 3:15)

“Threat Genomics and Threat Modeling” by *Jon Espenschied* (3:15-4:15)

Discussion time, everybody shares lessons, highlights, etc (4:15-5:00)

Conclusions, results and action items by *Anton Chuvakin* (5:00-5:15)

Happy hour (sponsored) (5:15-6:15)