

Keeping Track Of All The Things

A use-case and content management story

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Our Purpose

- Share our lessons learned in consolidating artifacts of our migration from a previous SIEM to our current SIEM/logging solution
- Describe the process our team developed to manage our security use-case and content development efforts
- Provide you some answers to a few familiar questions

What Questions? These Questions

- What does our security coverage look like, from a use-case perspective?
- Bob in accounting was infected by <insert-threat-of-the-day-here>, who else was infected?
- How are we tracking towards our high level security goals for the year?
- What does your development team do all day?



Who are you guys?

Matt Parks

Manager, Security Analytics, Cyber Risk Defense Center



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- linkedin.com/in/matthewparks



Who are you guys?

Ruperto Razon

Sr. Threat Analyst, Security Analytics, Cyber Risk Defense Center



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Cyber Risk Defense Center (CRDC)



CONf2017

Advanced and Actionable Intelligence





Let's start from the middle....

Pre-Migration (Summer 2015)

- 2TB+ data/day
- 128 Threat Use-Cases
- ▶ 60 Scheduled Reports
- ▶ 652 "Knowledge Objects"

- **Migration Complete (Spring 2016)**
- ► 4TB+ data/day
- 43 Threat Use-Cases
- ► 33 Scheduled Reports
- 121 Knowledge Objects

► 15+ Documentation Repositories

4 Documentation Repositories



Where We Are Today

- ▶ 8+TB data/day
- ▶ 60+ distinct sourcetypes
- 75+ Custom Threat Use-Cases
- 100+ Scheduled Reports/Dashboards/Form Searches



17

	Nam					Date Modified	 ✓ Size 	Kind
		Report				Jun 21, 2017, 11:53 AM	2 KB	TextEd.
	A	B C D	E F G H	I	J	017, 4:07 PM	Zero bytes	TextEd.
	1 What do you want to do?	ID Request Date Request Stat Por	uester Requester Di Output Use Case C	Assigned Date Quick Summary		017, 4:00 PM	779 bytes	TextEd
				Objuscation is a common tactic used by adversarie	ies when attempting to mask command and control communication	017, 4:12 PM	592 bytes	TextEd
					· ·	^s ° 2017, 9:42 AM	5 KB	TextEd
						2017, 9:12 AM	6 KB	TextEd
						2017, 4:02 PM	5 KB	TextEd
						2017, 9:04 AM	700 bytes	TextEd
						2017, 2:43 PM	9 KB	Plain Te
A	1					2017, 12:01 PM	4 KB	TextEd
241 BB:Kaiser:MalwareFaUSER						2017, 8:29 AM	325 bytes	TextEd
242 BB:Kai						2017, 5:15 PM	425 bytes	TextEd
243 BB:Kai 1 What do y ID						2017, 7:59 AM	2 KB	TextEd
244 BB:Ka 8 Drop/Canc				By using the Kaiser Permanente registered domain	ins we can learn the internal networking subdomain setup and loo	ok for domains tha? 017, 7:59 AM	2 KB	TextEd
245 BB: 9 Drop/Canc				Note that some activity has been observed where	e there are imposter domains on the network due to typos as opp	posed to malicious 2017, 2:09 PM	13 KB	TextEd
247 BB: 11 Drop/Canc						017, 4:02 PM	12 KB	TextEd
248 BB:	This is . It's currently in production waiting on change controls to get moved fully into the prod	l,		questionable behavior in the past and owns many	v former malware domains.	2017, 12:53 PM	1 KB	TextEd.
261 Pol 264 BB: 12 Drop/Canc 265 BB:Kai 13 Drop/Canc 266 BB: Cr 267 BB:Kai				tnis at scale we propose a model that applies a ch	naracter mask to all the path part of UKLS and oullds a olpartite gr	rapn or domains : c		
207 bb.Ra	5 In production close it.	2226 4/8/15 13:54 Started	Data Science Other/Gener Other	4/8/15 13:54		go through the attached spreadshee	et and let us know what you would like to do	with them.

Artifacts of Note

- Naming conventions
- Search logic
- Knowledge objects
- Scheduling of searches/reports

- Asset Categories
- Recipients/Users
- Original Requestor
- Tribal Knowledge



Scrum in 100 Words

- Scrum is an agile process that allows us to focus on delivering the highest business value in the shortest time.
- It allows us to rapidly and repeatedly inspect actual working software (every two weeks to one month).
- The business sets the priorities. Teams self-organize to determine the best way to deliver the highest priority features.
- Every two weeks to a month anyone can see real working software and decide to release it as is or continue to enhance it for another sprint.



What does a Scrum look like?

Product Owner The Holder of Product Value

Determines what needs to be done and sets the priorities to deliver the highest value

Traditional approach: Controls the work

ScrumMaster® The Servant Leader

Protecting the Scrum process and preventing distractions

Traditional approach: No equivalent II''Π' II Development Team

> Scrum Alliance®

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The Self-Organizing Group

Takes on and determines how to deliver chunks of work in frequent increments

Traditional approach: Gets told what to do by the project manager

http://buttercup-shopping.com/category.screen?category_id=Giprs.id

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The Scrum Advantage



Scrum Framework Process

SPRINT 0	\geq	SPRINT 1	SPRINT 2, 3, 4	
Planning Exercise To Prepare For Sprints	Shippa	able Product For Selected User S Duration = 2 Weeks	Stories	Shippable Product For Selected User Stories Duration = 2 Weeks Repeat
Duration 1-2 Weeks as Needed	Day 1	Days 2-13	Day 14	
Create Initial Product Backlog: ➤ Requirement ➤ Acceptance Criteria ➤ Story Points ➤ Prioritization	Sprint Planning To Review & Select Highest Priority User Stories For The Sprint From The Backlog	User Story Dev & Test Daily Scrum w/Team (15m): ➤ Did Yesterday ➤ Do Today ➤ Blockers? Work Demos To Team	 Sprint Review: > Story Review > Approve Demos Sprint Quality Retrospective: > Start > Stop > Continue 	

New User Stories Created In Product Backlog

Product Backlog Grooming & User Story Prioritization



Example Story

"http://butt 404 3322

404

200 1318

Summary*	MW -Attacking IP High Data Rate Outbound	
Issue Type*	Story 🦳	
Reporter*		
	Start typing to get a list of possible matches.	
Component/s	None	
Description	Style \bullet B I U A \bullet	
	As a member of the team I need to do detect attacking IP's that are receiving a high	Complet
	ratio of data so we can detect potential attacker activity corresponding with potential data exfiltration and respond accordingly.	St
	Acceptance Criteria:	
	# All sub-tasks are Complete and the correlation search/model has been implemented and is enabled in Production as at least Informational or a low Severity/Confidence	C
	# New Story Created for TV Team to do use case validation	Ad
Fix Version/s	-	
	Start typing to get a list of possible matches or press down to select.	
Priority	↑ Medium 🔹 ?	
Attachment	Drop files to attach, or browse.	
Linked Issues	relates to	
Issue	- +	
	Begin typing to search for issues to link. If you leave it blank, no link will be made.	
1		

Category_id=GIFTS&JSESSIONID=SD1SL4FF10ADFF10 HTTP 1.1 /product.screen?product_id=FL-DSH-01&JSL4FE10ADFF10 HTTP 1. 7 /old[ink?item_id=E5T-26&JSESSIONID=SDSL4FE1ADFF3 HTTP 1. 7 14 size_id=E5T-26&JSESSIONID=SDSL9FF1ADFF3 HTTP 1. 7 14 size_id=E5T-26&JSESSIONID=SDSL9FF1ADFF3 HTTP 1.

Assignee	att Parks	•	
	Assign to me		
Epic Link	Security Analytics Operations	•	
	Choose an epic to assign this issue to.		
Sprint		-	
	JIRA Software sprint field		
pleted sprints	Use Case Content Sprint 9		
Story Points	13		
	Measurement of complexity and/or size of a requirement.		
CRDC Tag	MW × SA × es ×	-	
	Use the "CRDC Tag" field as a replacement for the default "Label" field. CRDC Tag uses the	he La	abel Manager Plugir
Actual Work	13		
		-//	
TL; DR	Alert for attackers with high volume outbound		
		-11	

Short summary of what was actually done - keep to 30 words or less.



So what do we do with all this JIRA Data?

- Improve situational awareness
- Visualize our JIRA activity
- Improve our development process
- Answer questions

Bob in accounting was infected by <insert-threatof-the-day-here>, who else was infected?

Anyone heard of Wannacry?

14 separate JIRA Stories

- 3 new Correlation Searches
- 6 Research Stories
- 2 Tuning Requests
- 3 Stories for Follow-up/Remediation

🖋 Edit 🛛 📿 Com	ment Assign Me	ore - Admin -			⊡* ⊑ Export -
etails				People	
Туре:	Story	Status:	APPROVED	Assignee:	🔏 Ruperto Razon
Priority:	↑ High		(View Workflow)	Reporter:	
Affects Version/s:	None	Resolution:	Unresolved		
		Fix Version/s:	None	Votes:	• Vote for this issue
Epic Link:	Security A	Analytics Operations		Watchers:	1 Start watching this
Sprint:	Use Case Content	t Sprint 14			issue
Story Points:	13		-		
CRDC lag:	SA es ranso	wannac	ry	Dates	
Actual work:	8			Created:	
				Updated:	26/Jun/17 11:25 AM
escription	I nood to do orosto o	Line Case on we can detect	t any natantial Manager		
ransomware outbrea	k, and respond accord	lingly. See original notes fro	m in	Agile	
Comments.		<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Completed Sprint:	Use Case Content Sprint 14 ended 17/May/17
Acceptance Criteria:				View on Board	
 All sub-tasks a is enabled in F 	are Complete and the operation of the construction as at least In	correlation search/model has nformational or a low Sever	s been implemented and ity/Confidence		

What does our security coverage look like, from a usecase perspective?

Deployed Use-Case Visibility

shopping.com/cart.do?action=view&itemId=EST-cs

/buttercup

ry.screen?category_id=GIFT5&JSESSTONID=SDISL4FF10ADEF10 HTTP 1.1" 404 720 "http://buttercup /Product.SCreen?product 404 3322 "http://bu //buttercup=shc "GET /oldlink?item id=EST 26&JSESSIONID=SD5SL9FF1ADFF3 HTTP 1.1"

1231

:56:156]

Note: <insertyourdatahere>

SA Visualization Dashboard

- Enabled Correlation Search Breakdown by Team
 - |rest /services/alerts/correlationsearches splunk_server=local | rename eai:acl:app as application, title as csearch_name |join type=outer app csearch_name [rest /services/saved/searches| rename eai:acl:app as application, title as csearch_name, search as csearch|table app, csearch_name, csearch, disabled]|eval status=if(disabled==1,"Disabled","Enabled") | search status=Enabled | eval splitdes = split(rule_title, "-"), designation = mvindex(splitdes, 0) |table designation security_domain, rule_title, csearch_name, description, severity, csearch, disabled, status | stats count by designation | sort –count
- Enabled Correlation Search Breakdown by Severity
 - |rest /services/alerts/correlationsearches splunk_server=local | search rule_title!="" | rename eai:acl:app as application, title as csearch_name |join type=outer app csearch_name [rest /services/saved/searches| rename eai:acl:app as application, title as csearch_name, search as csearch|table app, csearch_name, csearch, disabled]|eval status=if(disabled==1,"Disabled","Enabled") | search status=Enabled | eval splitdes = split(rule_title, "-"), designation = mvindex(splitdes, 0) |table designation security_domain, rule_title, csearch_name, description, severity, csearch, disabled, status | eval Severity=case(severity=="critical","1-critical", severity=="high","2-high", severity=="medium","3-medium", severity=="low","4-low", severity=="informational","5-informational") | stats count by Severity

Note: <insertyourdatahere>

SA Visualization Dashboard (cont.)

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- Use Case Count by Team / Severity
 - |rest /services/alerts/correlationsearches splunk_server=local | rename eai:acl:app as application, title as csearch_name |join type=outer app csearch_name [rest /services/saved/searches| rename eai:acl:app as application, title as csearch_name, search as csearch|table app, csearch_name, csearch, disabled]|eval status=if(disabled==1,"Disabled","Enabled") | search status=Enabled | eval splitdes = split(rule_title, "-"), designation = mvindex(splitdes, 0) | table designation rule_title description, severity, status | eval Severity=case(severity=="critical","1-critical", severity=="high","2-high", severity=="medium","3-medium", severity=="low","4-low", severity=="informational","5-informational") | chart count as "Rule Count" by designation, Severity
- Changes in Triggered Notable Events Past 30 Days by Correlation Search
 - `notable` | search search eventtype!=notable_suppression* | bin _time span=24h |stats count by _time, search_name | streamstats window=2 global=f current=t first(count) as previous by search_name | eval delta=count-previous | eval time=_time | table search_name, time, delta, count
- Enabled Use Case Details
 - |rest /services/alerts/correlationsearches splunk_server=local | search rule_title!="" | rename eai:acl:app as application, title as csearch_name |join type=outer app csearch_name [rest /services/saved/searches| rename eai:acl:app as application, title as csearch_name, search as csearch|table app, csearch_name, csearch, disabled]|eval status=if(disabled==1,"Disabled","Enabled") | search status=Enabled | eval splitdes = split(rule_title, "-"), designation = mvindex(splitdes, 0) |table designation rule_name description, severity, status | sort designation, rule_name

Note: <insertyourdatahere>

SA Visualization Dashboard (cont.)

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Correlation Search Performance

index=_internal host=<yourSHhost> source=*scheduler.log app="*" savedsearch_name="*" (app=DA-* OR app=SA-*) (savedsearch_name=<yourcorrsearchname> OR savedsearch_name=<yourcorrsearchname> OR savedsearch_name=
avg_runtime, max(run_time) as max_runtime, count(eval(status!="continued")) AS total_exec, count(eval(status=="success")) as "Successful executions", count(eval(status=="skipped")) AS "Skipped executions" by app, savedsearch_name, user host | stats first(*) as * by savedsearch_name AS Rule_name app AS App avg_runtime AS "Avg runtime (min)" max_runtime AS "Max runtime (min)" user AS User total_exec AS "Total executions" | table Rule_name "Min runtime (min)" "Avg runtime (min)" "Max runtime (min)" "Total executions" "Skipped executions" | sort - "Avg runtime (min)" "Total executions"|join Rule_name [] rest splunk_server=* /servicesNS/-/-/admin/savedsearch/ earliest_time=-0s@s latest_time=+2d@d search="is_schedule=1" search="disabled=0" search="(eai:acl.app=SA-* OR eai:acl.app=DA-*)"| dedup title| rename title AS Rule_name dispatch.earliest_time AS earliest_time dispatch.latest_time AS latest_time|table Rule_name cron_schedule earliest_time latest_time]

Skipped Correlation Searches

 index=_internal host=<yourSHhost> source=*scheduler.log savedsplunker status=skipped (app=SA-* OR app=DA-*) (savedsearch_name=<yourcorrsearchname> OR savedsearch_name=<yourcorrsearchname> OR savedsearch_name=<yourcorrsearchname>) | stats count values(scheduled_time) as scheduled_time values(_time) as _time by host savedsearch_name, app | sort - SkipCount | rename savedsearch_name AS "Scheduled search name" count AS "Skip count" host AS Server | fieldformat scheduled_time=strftime(scheduled_time, "%c") | fieldformat _time=strftime(_time, "%c")

How are we tracking towards our high level security goals for the year?

Note: <insertyourdatahere>

Metricization Dashboard

- Percent Completometer
 - index=<yourindex> sourcetype=<yoursourcetype> | head 5000 | search bytes<9801 | head 1 | table bytes | eval percentComplete=tostring(sqrt(bytes), "commas") | fields percent
- CompleteTruthiness
 - index=<yourindex> sourcetype=<yoursourcetype> | head 110 | search bytes<9801 | tail 1 | table bytes | eval percentComplete=tostring(sqrt(bytes), "commas") | fields percentCompleteNumber ofindex=* | head 1 | eval sourcetype=0 | table sourcetype
- Visualization of Velocity of Completeness
 - index=<yourindex> sourcetype=<yoursourcetype> | head 100 | search bytes<9801 | head 1 | table bytes | eval percentComplete=tostring(sqrt(bytes), "commas") | fields percentComplete
- Completion Percentage History
 - index=<yourindex> sourcetype=<yoursourcetype> | head 10000 | search bytes<9801 bytes>4 | head 7 | table bytes | eval percentComplete=tostring(sqrt(bytes), "commas") | rename bytes as "Timechart Histor-o-meter"

Note: <insertyourdatahere>

Metricization Dashboard (cont.)

- Should we develop this incredibly well designed use-case?
 - index=<yourindex> | stats count | eval countresult=if(count=5,"no","yes") | rename countresult AS value | table value count
- Completion Percentage History
 - index=<yourindex> sourcetype=<yoursourcetype> | head 10000 | search bytes<9801 bytes>4 | head 7 | table bytes | eval percentComplete=tostring(sqrt(bytes), "commas") | rename bytes as "Timechart Histor-o-meter"
- Excessive Extraneous Authentication Trend
 - | tstats prestats=t count where index=<yourindex> sourcetype=<yoursourcetype> by _time span=1d | timechart count

JIRA Epic Tracking

/Jan 18:10:57:153]
/ [07/Jan 18:10:57:153]
/ [07/Jan 18:10:57:153]
/ [07/Jan 18:10:57:123] "GET /category.screen?category_id=GIFTS&JSESSIONID=SDISLAFF10ADEF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/cart.do?action=view&itemId=EST-6&prod
/ Jan 18:10:57:123] "GET /category.screen?category_id=GIFTS&JSESSIONID=SDISLAFF10ADEF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cart.do?action=view&itemId=EST-6&prod
/ Jan 18:10:57:123] "GET /product.screen?category_id=GIFTS&JSESSIONID=SDISLAFF10ADEF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cart.do?action=view&itemId=EST-6&prod
/ Jan 18:10:55:10:155:1

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Searches!

Note: <insertyourdatahere>

JIRA Epic Tracking

- Stories Completed By Epic 2017
 - |jira issues <issue filter> | join type=left "Epic Link" [|jira issues 10412 | rename Key AS "Epic Link" | fields "Epic Link" "Epic Name"] | stats count(Key) AS "Story Count" by "Epic Name"
- Story Summaries by Epic
 - |jira issues <issue filter> | stats count(Key) AS "Story Count" values(Key) AS "Story ID" values(Summary) AS Summary by "Epic Link" | join type=left "Epic Link" [|jira issues 10412 | rename Key AS "Epic Link" | fields "Epic Link" "Epic Name"] | table "Epic Link" "Epic Name" "Story Count" "Story ID" Summary

What does your development team do all day?

In General, This Is What We Do...

X Confluence Spaces - People Questions	Calendars Create ··	•							۹ 🤈 -	¢≁	•
Security Analytics	Pages Security Ar Created by Dave Dyer, lat	alytics	rks on Aug 18, 2017			✓ Edit	☆ Save <u>f</u> i	or later	• Watching	[* <u>S</u> i	nare
(?) Questions	 Interesting 	Dashboards car	h be found here.								
Here you can add abortaut lisks to the most important	WIIO WE AIE.										
content for your team or project. Configure sidebar.		@ Matt Parks			@Ruperto S. Razon						
PAGE TREE	Director Emeritus	Manager and Büffaloonev!	Data Scientist	Security Analytics	That Guy	Threat Valid	lation	Threat Researche	Proc	ess Engin	eer
> Data Science		,		,							
VUBA Archive KP Application Reference	What We Do: <u>Data Science</u> Research and development of advanced analytical models to improve the security of the KP network. Correlation of multiple disparate large-scale data sets			Security Analytics The Security Analytics team is comprised of Data Scientists and Sr. Security Analysts and Engineers. Our goals are to provide actionable, integrated, and			Process Engineering a is our resident Aglie Coach, Process rs. Engineer, Scrum Master, Project Coordinator, and all and around good guy. He helps shepherd the Security				s nd all ity
	to find interesting patt with investigations tha large requests.	ems and benavior t require big data to	Assistance ools to process	Security and Big Data . (Scrum) method to helj like to do Metrics dash	Analytics tools; using an A o manage workflow. Also f ooards.	gile qu Perto ap	agmire, lool	king to strea /hich is just	Imline and si about everyv	mplify wh /here).	ere
	Log collection, aggreg collects various types and other machine dat data.	ation, and analysis of securitv, applicat ta. hearts ti	tool that tion, server time series								
	Security Framework fo This is the application Analysis team triages, threats to the KP netw	r logs collected by from which the Th investigates and e ork.	core reat Detection scalates								

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splunk> .conf2017

This Is What We're Doing Right Now

Demo S Demo dashboa	A JIRA Current Sprint Dashboard				Edit Export ~		
Story Point	s Available	Story Points Completed		Story Points Remaining			
	252	1,	32	12	0		
Resolved S	tories from - Last 24h	Chart	Description A		Accience Name A		
ney v	Tweak Dashboard	Made	Made slighting changes to the L dashboard given feedback from				
	Email Alerts for Critical and High Notable events - LM and DE Team	Updat	Updated the link to Incident Review dashboard in email alerts to include DE* along with LM*.				
	Promote: Workflow Action to Team Leads for Testing	Share	Share workflow action to Team Leads				
	Streamline Monthly Traffic Metrics Reports	Stream	Streamline Metrics Reporting process for SA.				
	secondary alert	Tweat	Tweak to alert when risk score>=80				
Current Spr	int Stories In Progress		Current Sprint Stories Re	esolved			
Key 0	Summary 0	Assignee_Name 0	Key 🌣 Summa	ary 🗘	Assignee_Name 0		
	Tweak Dashboard			- Notable Tuning			
	TV test excessive DNS queries		Niara a	nd Vectra PoC - create test plan			
	Update logic based on TV test		Metrics	s for 24HR slide			
	Systems Assurance Search Help			Remove TBD2 From Alerts			
	Research: Data Onboarding Process Flow & Tracking		Tester	adding service accounts			
	Email Averts for Untidal and High Notable events - LM and DE Team		Testing	FIGHT - phase Fibilition acts			
	Doc Into Confluence		TOP WE	Research			
	Accesses - New Threat Detection (Correlation Search)		Data Di	ictionary: index descriptions			
	Promote Workflow Action to Team Leads for Testing		Data Di	ictionary Indexes N-Z: short and long descriptions			
		« prev 1 2 3 next			« prev 1 2 3 next »		

ET /category.screen?category_id=GFFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category_id=GPATS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GPATS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GPATS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL7FF6ADFF0 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL7FF6ADFF0 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL7FF6ADFF0 HTTP 1.1" 404 332 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL7F6ADFF0 HTTP 1.1" 404 332 "http://buttercup-shopping.com/category_id=GFT5&JSESSIONID=SDISL7F6ADFF0 HTTP 1.1" 404 332 "http://but

Note: <insertyourdatahere>

JIRA Current Sprint Dashboard

- Current Sprint Stories Resolved
 - | jira issues <current sprint filter> | search Resolved!=null | rex field=Assignee "\"displayName\": \"(?<Assignee_Name>\w+\s\w+)" | table Key Summary "TL; DR" Assignee_Name
- current sprint stories in progress
 - | jira issues <current sprint filter> | search Resolved=null | rex field=Assignee "\"displayName\": \"(?<Assignee_Name>\w+\s\w+)" | table Key Summary "TL; DR" Assignee_Name
- closed in the last 24h for morning call

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- | jira issues <current sprint filter> | rex field=Assignee "\"displayName\": \"(?<Assignee_Name>\w+\s\w+)" | table Key Summary "TL; DR" Assignee_Name
- story points available
 - |jira issues <current sprint filter> | stats sum("Story Points") AS value | eval value=rnd(value,0)
- story points completed
 - |jira issues <current sprint filter> | search Resolved!=null | stats sum("Story Points") AS value| eval value=round(value,0)
- story points remaining
 - |jira issues <current sprint filter> | search Resolved=null | stats sum("Story Points") AS value| eval value=round(value,0)

Note: <insertyourdatahere>

JIRA Current Sprint Dashboard

- Current Sprint Stories Resolved
 - | jira issues <current sprint filter> | search Resolved!=null | rex field=Assignee "\"displayName\": \"(?<Assignee_Name>\w+\s\w+)" | table Key Summary "TL; DR" Assignee_Name
- current sprint stories in progress
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uct.screen?product_id=FL-DSH-01&JS

- | jira issues <current sprint filter> | rex field=Assignee "\"displayName\": \"(?<Assignee_Name>\w+\s\w+)" | table Key Summary "TL; DR" Assignee_Name
- story points available
 - |jira issues <current sprint filter> | stats sum("Story Points") AS value | eval value=rnd(value,0)
- story points completed
 - |jira issues <current sprint filter> | search Resolved!=null | stats sum("Story Points") AS value| eval value=round(value,0)
- story points remaining
 - |jira issues <current sprint filter> | search Resolved=null | stats sum("Story Points") AS value| eval value=round(value,0)

Sprint Review/Monthly Demo

Key	Summary	Assignee	Status	CRDC Tag	Story Points	Sprint
	Use Case DBIR Present Coverage Evaluation		Approved	SA, demo	21	Use Case Content Sprint 14, Use Case Content
	2017					Sprint 15
	xxxxx - Attacking IP Long Duration Connection		Approved	SA, demo, es	13	Use Case Content Sprint 13, Use Case Content
						Sprint 14
	xxxxx - TV team test		Approved	SA, TV, demo, tvtest	5	Use Case Content Sprint 15
	xxxxx - Attacking IP Successful Authentication		Approved	SA, demo, es	13	Use Case Content Sprint 13, Use Case Content
						Sprint 14
	xxxxx - TV team test		Approved	SA, TV, demo, tvtest	5	Use Case Content Sprint 14
	Testing xxxxx-Unknown TCP Traffic - High		Approved	SA, TV, demo, tvtest	8	Use Case Content Sprint 15
	Volume Outbound					
	Research: Long domain activity similar to the		Approved	SA, demo, wannacry	3	Use Case Content Sprint 14
	Wannacry sandbox domains					
	New Correlation Search xxxxx-WannaCry		Approved	LM, SA, demo, es, ransomware,	5	Use Case Content Sprint 14
	Ransomware-AV Infection			wannacry		
	New Threat Detection - xxxxx - Microsoft		Approved	SA, demo, es, ransomware, , wannacry	13	Use Case Content Sprint 14
	Windows SMB Remote Code Execution					
	Vulnerability					
	Upgrade - Enterprise Security from xxxx		Approved	DPS, SA, demo, es,	13	Use Case Content Sprint 15
	to xxxx					
	suspicious external connection from PCI		Approved	SA, demo	5	Use Case Content Sprint 15
	devices					
	a new Windows event logs dashboard		Approved	SA, demo	3	Use Case Content Sprint 12, Use Case Content
						Sprint 13, Use Case Content Sprint 14, Use
						Case Content Sprint 15

product.screen?product_id=FL-DSH-01&JSESSIONID=SD5

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Recap

Gave you tips on how you can build a flexible content development process

- Shared with you a real-world example of how this flexible process works in practice
- Provided you with dashboards and searches that will improve visibility of your security posture, high-level goal tracking and content dev capacity

What will we do in the next 12 months?

"http://buttercup

1.1" 404 3322 "http:// 1.1" 404 3322 "http:// 1318 "http://buttercupid=SURPRISE&JSESSIONID

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What can you do in the next 12 months?

Identify the key metadata in your currently deployed use-cases

- Listen to your dev team. Examine your current dev process and improve on the challenges identified by your team
- ► When building your process, work towards a minimum viable product (MVP)

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Do or do not, there is no try.

- Abraham Lincoln

Links!

- ► KP Career Site
 - https://www.kaiserpermanentejobs.org/
- Scrum Alliance
 - <u>https://www.scrumalliance.org/</u>
- Great Video on Thought Leadership
 - <u>https://www.youtube.com/watch?v=_ZBKX</u>
 <u>-6Gz6A&sns=em</u>

- Splunk App for Jira
 - https://splunkbase.splunk.com/app/1438/
- JIRA and Confluence Info
 - <u>https://www.atlassian.com/</u>

Questions?

1357:1533 "GET /Category.screen?category_id=GIFTS&ISESSIONID=SDISLAFF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category.screen?category.id=GIFTS&ISESSIONID=SDISLAFF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&ISESSIONID=SDISLAFF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&ISESSIONID=SDISLAFF10ADFF0 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&ISESSIONID=SDISLAFF10ADFF0 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&ISESSIONID=SDISLAFF10ADFF0 HTTP 1.1" 404 332 "http://buttercup-shopping.com/category.id=GIFTS&ISESSIONID=SDISLAFF10ADFF0 HTTP 1.1" 404 332 "http://buttercup-shopping.com/category.id=GIFTS&ISESSIONID=SDISLAFF10ADF70 HTTP 1.1" 404 332 "http://buttercup-shopping.com/category.id=G

