-/ JJJ (KHTMLH lik TITTTIC 1.1" 200 1976 "http://buttercup-shopping.com/cart.do?action=pur." id=Figery.screen?category_id_GIFTS_Mozilla/4.0 Contenent TONTD=SD5SL9FF1ADFF3 HTTP 1 1" 200 1318 EST-26&JSESSIONID=SD5SL9FF1ADFF3 HTTP 1 1" 200 1318 (compatible; MSIE 6.0; Windows NT STONID=SD9SL4FF4ADF77 0; U en) @64 130. 53 - 04 2860 "h p /b - 01d11 it = ES

APRIL 20, 2017 | MINNEAPOLIS, MN, // cart.do?acti

Com/category.screen?category.id EST-26&JSESSIONID=SD5SL9FF1ADFF3 HTTP 1 1" 200 1318 Compatible: MSIE 6.0; Windows SIONID=SD9SL4FF4ADFF7 HTTP 1.1" 200 1318 SIONID=SD9SL4FF4ADFF7 HTTP 1.1" 200 1318 SIONID=SD9SL4FF4ADFF7 HTTP 1.1" 404 3860 "http://butterci GET /oldlink?item_id=EST-6&J Opera/9.01 (Windows NT 5.1)

APRIL 20, 2017 | MINNEAPOLIS, MN

Delivering New Visibility and Analytics for IT Operations Brett Knudson | Senior Sales Engineer, Named Accounts

 EST-26&JSESSIONID=SD5SL9FF1ADFF3 HTTP 1 1" 200 1318
 GET /prod-(Compatible; MSIE 6.0; Windows NT 5.1; SVI; NT CLR (SIONID=SD9SL4FF4ADFF7 HTTP 1.1" 200 2423 "http://butter.)" 404 3860 "http://buttercup-shopping.com/old GET /oldlink?item_id=EST-6&JSESIONID=SD185L8FF2ADFF9 HTTP "Opera/9.01 (Windows NT 5.1; U; en)" 553 60.216.64.19 --)" "Mozilla/4.0 (compatible; MSIE 6.6; Windows NT 5.1)" 685 " "Mozilla/4.0 (compatible; MSIE 6.6; Windows NT 5.1)" 685 SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF. SESSIONID=SD4SL1FF7ADFF7 HTTP 1.1" 200 265 "http://butter-/Jan 18:10:55:108] "GET /category.screen?category.id=SUF.

Safe Harbor Statement

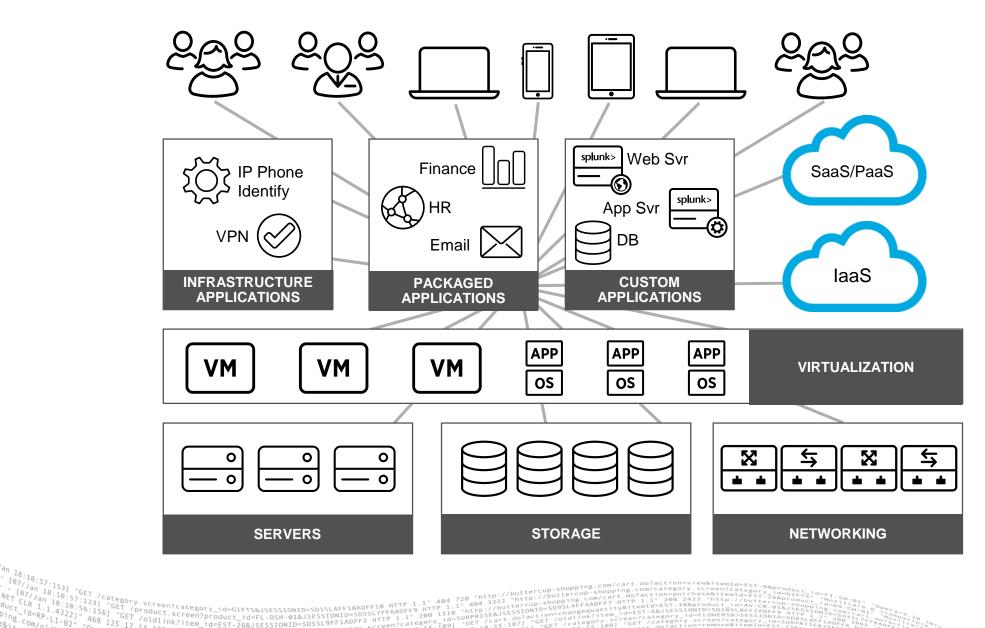
During the course of this presentation, we may make forward-looking statements regarding future events or the expected performance of the company. We caution you that such statements reflect our current expectations and estimates based on factors currently known to us and that actual events or results could differ materially. For important factors that may cause actual results to differ from those contained in our forward-looking statements, please review our filings with the SEC.

The forward-looking statements made in this presentation are being made as of the time and date of its live presentation. If reviewed after its live presentation, this presentation may not contain current or accurate information. We do not assume any obligation to update any forward looking statements we may make. In addition, any information about our roadmap outlines our general product direction and is subject to change at any time without notice. It is for informational purposes only and shall not be incorporated into any contract or other commitment. Splunk undertakes no obligation either to develop the features or functionality described or to include any such feature or functionality in a future release.

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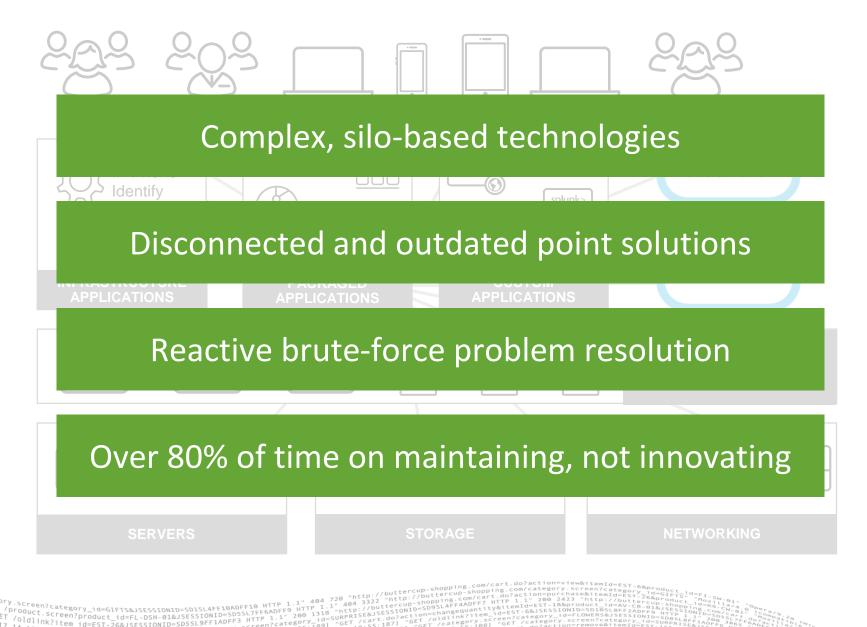
Screen?product id=FL-DSH-01&JSESS

Escalating IT Complexity...



/oldlink?item

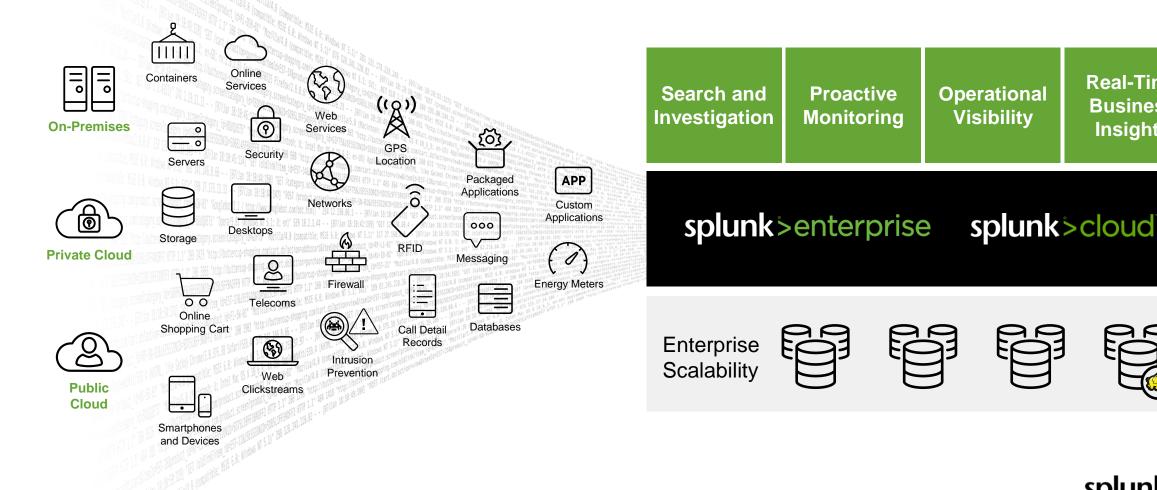
Escalating IT Complexity...



Industry-Leading Platform for Machine Data

Any Machine Data

Operational Intelligence



splunk>live!

Real-Time

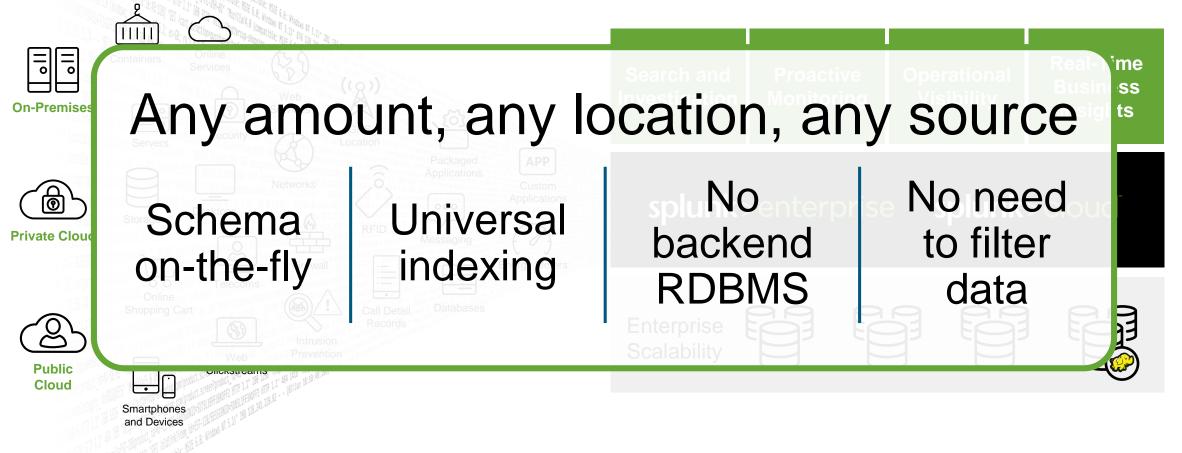
Business

Insights

Industry-Leading Platform for Machine Data

Any Machine Data

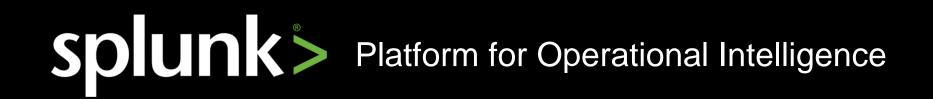
Operational Intelligence



The Focus



Developer Platform (REST API, SDKs)



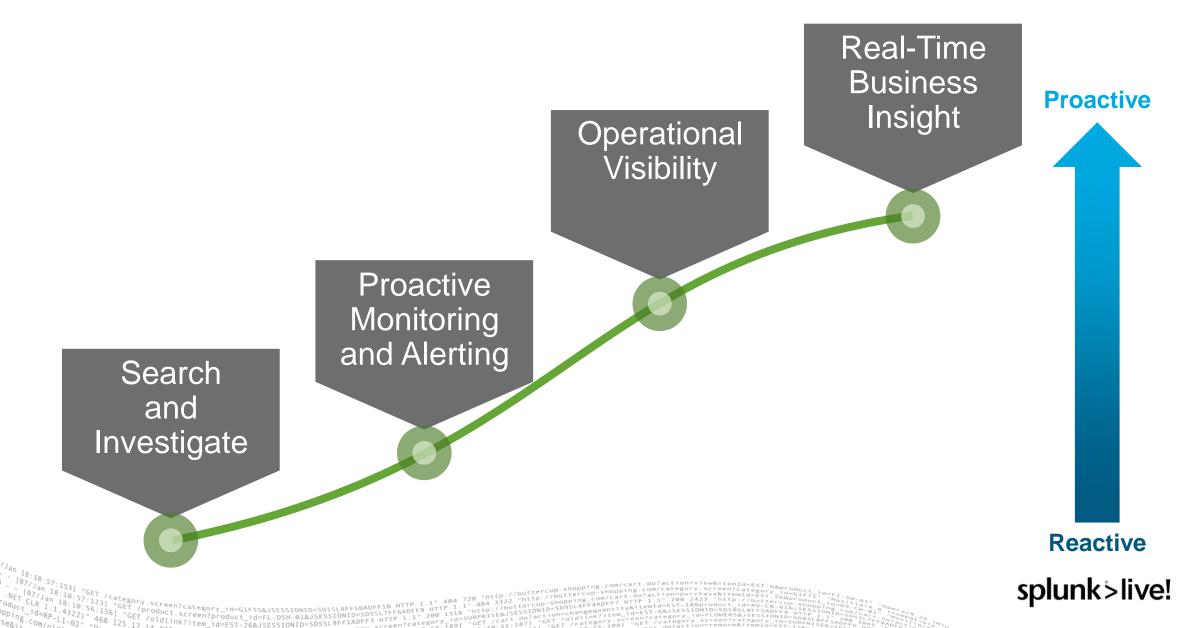
404 3322

id=SURPRISE&JSESSIONIL

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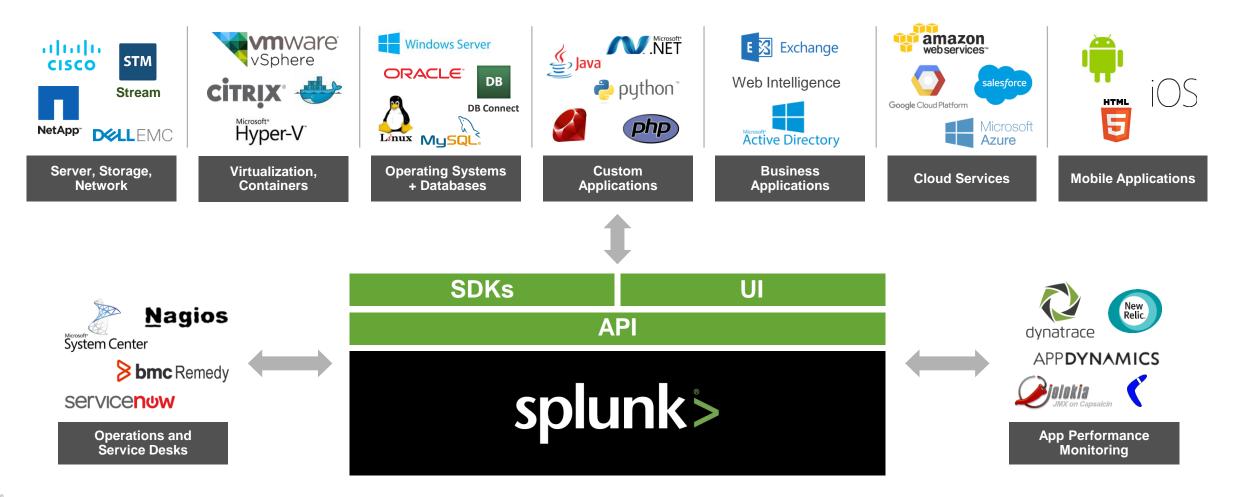
"GET /oldlink?item_id=EST-26&JSESSIONID=SD5SL9FF1ADFF3 HT 1.1" 200 J318 25.17 Id

Turning Machine Data Into Operational Intelligence



Index and Analyze Data Across Your Technology Stack

Splunk Add-Ons, Templates and Apps Accelerate Value From Machine Data



No rigid schemas – add in data from any other source.

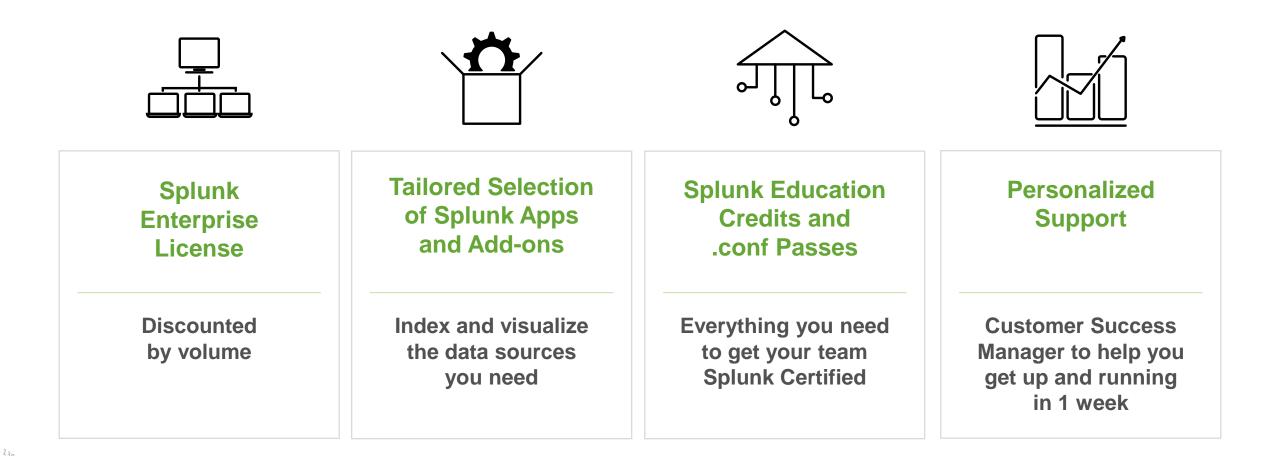
200 1318

category_id=GIFTS&JSESSIONID=SD1SL4FF10ADFF10 HTTP /product.screen?product_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HITTP T /olditate

/oldlink?item id=EST-26&JSESSIONID=SDSSL9FF1ADFF3 HTTP 1.1"

Splunk Quick Start

A quick and easy way to deploy Splunk Enterprise at a low price



Quick Start for Infrastructure Monitoring

Fast time-to-results and success for a low entry price





Expert Guidance and Customer Success Manager



Education Credits and .conf Passes

splunk>enterprise

egory.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category.screen?ca



Quick Start for Application Management

Fast time-to-results and success for a low entry price



Tailored Sele Apps and Ad



Expert Guidance and Customer Success Manager



/Product.screen?product id=FL-DSH-01&JSESSIONID=SD1SL4FF10ADFF10 /plduct.screen?product id=FL-DSH-01&JSESSIONID=SD5SL7FF6ADFF9 Education Credits and .conf Passes

splunk>enterprise

Let's Get Hands-On

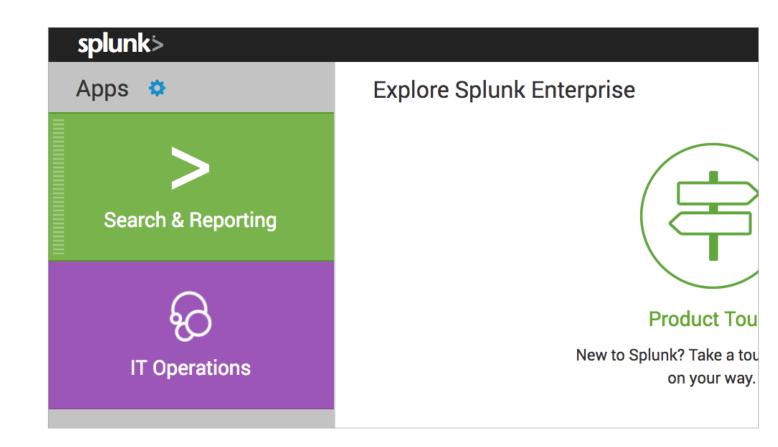
Install Splunk if you haven't Start Splunk splunk start — accept-license Log in http://localhost:8000 Credentials: admin/changeme Install app Click the widget next to "Apps" Install app from file Choose the app from the USB key **Restart Splunk**

Cloud Instances

- https://od-sl-mpls-itops-01.splunkoxygen.com
- https://od-sl-mpls-itops-02.splunkoxygen.com
- Log in
 - Credentials: user[01-10]/changeme[01-10]

Welcome to Splunk

Click IT Operations to get started using Splunk!



splunk>live!

"GET /category.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category.screen?category.screen?category_id=GIFTS&:Takproduct_id=K1-SW.01. 56:156] "GET /product.screen?product_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category.screen?category.screen?category.id=GIFTS&:Takproduct_id=K1-SW.01. 56:156] "GET /product.screen?product_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category.screen?category.id=GIFTS&:Takproduct_id=K1-SW.01. 1.50:156] "GET /product.screen?product_id=FL-DSH=01&JSESSIONID=SDISL7FF6ADFF9 HTTP 1.1" 404 720 "http://buttercup=SDISL4FFADFF7 HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 200 1318 "http://buttercup=SDISL4FFADFF7 HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9FF1ADFF3 HTTP 1.1" 200 1318 "http://buttercup=Category_id=Screen?category_id=GIFTS&SIONID=SDISL4FF4DF73 "http://buttercup=SDISL4FF4DF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9FF1ADFF3 HTTP 1.1" 200 1318 "http://buttercup=Category_id=Screen?category_id=GIFTS&SIONID=SDISL9FF3AFF3" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9FF3ADFF3 HTTP 1.1" 200 1318 "http://buttercup=Category_id=Screen?category_id=GIFT3&SIONID=SDISL9F74DF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9FF3ADFF3 HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9F74DF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9F74DF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSIONID=SDISL9F74DF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSISTADF73" "GET /occi:16773" "GET /occi:170 1.50:156] "GET /oldlink?item id=FST-3&JSESSISTADF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSISTADF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=FST-3&JSESSISTADF73" HTTP 1.1" 200 1.50:156] "GET /oldlink?item id=

Dashboards

Dlunk> App: IT Operations ~ ecutive Web Store Dashboard		Web Store Health	Mobile App Health	Troubleshoo	ing Examples 🗸	Splunk Product Information	Search		sb_owner ∽	Messages 🛩 Setti	ngs∨ Activity∨ Help৲	 Find IT Operation
xecutive Web Stor	re Dashboa	rd										Edit Export ~
Last 60 minutes	✓ Hide Filters											
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Nater_Proof_Scratch_and_Sniff	28 🌙	mmn	m	139.72		~~~) • · · · · · · · · · · · · · · · · · ·			Tue Mar 14	10.30 PM	11.00 PM	11.50 PM
									2017		_time	
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		0.3							0.3	0.7		
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butte

404 3322

/product.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 7 /product.screen?product_id=FL-DSH-01&JSESSIONID=SDSSL7FF6ADFF9 HTTP 1.1 T/oldlink?item_id=EST-26&JSESSIONID=SDSSL9FF1ADFF3 HTTP 1.1" 200 1318 7 14 size

Website Errors

Errors on the website!

Users are reporting 503 status codes

TY_id=GIFTS&JSESSIONID=SD1SL4FF10ADFF10 HTT

IONID=SD5SL9FF1ADFF3 HTTP

oroduct.screen?product id=FL-DSH-01&JSESSIONID=SD1SL4FF10ADFF10 /oldi

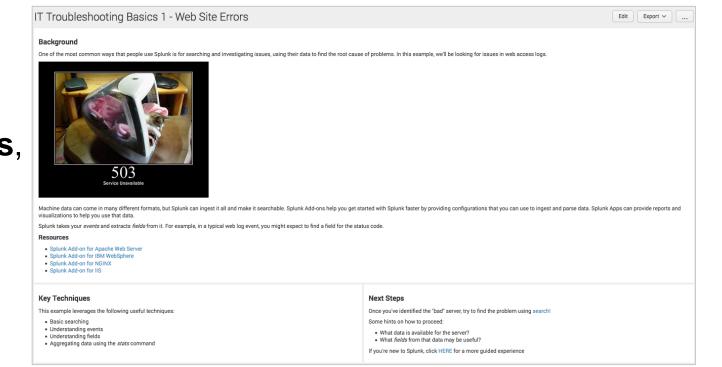
Our job: find the root cause!





Our Dashboard

At the top of the screen, *click* on **Troubleshooting Examples**, then *click* on **IT Troubleshooting Basics 1 – Web Site Errors**







Our Search

Scroll to the Line by Line section, then *click* on Load search to this point to load the search results in a new tab.





Raw Events

Q New Search			- Our search	Save As 🗸	Close
sourcetype=apache:access sta	tus=50	3		Last 60 minutes 🗸	Q
✓ 26 events (1/19/17 9:42:00.000 AM t	1/19/1	7 10:42:06.000 AM)	No Event Sampling 🗸 Job 🗸 II 🔳 🏕	🖨 🛓 📍 Smart N	Mode 🗸
Events (26) Patterns S	tatistics	Visualizatio	n		
Format Timeline 🗸 🛛 — Zoom Out	+ Zoor	n to Selection ×I	leselect	1 minute p	per colum
	Li	st 🗸 🛛 🖍 Format y	20 Per Page × Events	< Prev 1 2	Next >
< Hide Fields III Fields	i	Time	Event		
Selected Fields	ds	1/19/17 10:39:39.453 AM	<pre>53.64.80.116 www.buttercup.com - jdunno 443 [19/Jan/2017 10:39:39:453994] "POST /cart?action=update&product_name=Batman_Snuggie 0 HTTP 1.1" "?action=update&product_name=Batman_Snuggie&JSESSIONID=ECF5F0F929F0" 503 916 "http://www.buttercup.com/view?q=Batm (X11; Linux x86_64) AppleWebKit/537.36 (KHTML; like Gecko) Chrome/30.0.1599.66 Safari/537.36" 183 515 247870</pre>		
a host 3			host = web-05 source = /opt/apache/log/access.log sourcetype = apache:access		
a sourcetype 1	>	1/19/17 10:38:49.306 AM	128.10.106.118 www.buttercup.com - pramosm 443 [19/Jan/2017 10:38:49:306843] "GET /login?JSESSIONID=3F3F7FF35FFF HTTP 1.1" "?J 503 281 "-" "Mozilla/5.0 (compatible; MSIE 9.0; Windows NT 6.1; WOW64; Trident/5.0)" 202 502 276965	SESSIONID=3F3F7FF3	35FFF"
Interesting Fields			host = web-05 source = /opt/apache/log/access.log sourcetype = apache:access		
a action 4 # bytes 22	>	1/19/17 10:30:58.039 AM	170.75.96.119 www.buttercup.com - cjacksonr 443 [19/Jan/2017 10:30:58:039776] "POST /cart?action=add&product_name=Dynamite_Fire_092D6FBF0 HTTP 1.1" "?action=add&product_name=Dynamite_Fire_Starter&JSESSIONID=DD0092D6FBF0" 503 486 "http://www.buttercup.com arter" "Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML; like Gecko) Chrome/30.0.1599.69 Safari/537.36" 218 591 315633	_	
# bytes_in 23 # bytes_out 23			host = web-05 source = /opt/apache/log/access.log sourcetype = apache:access		
a category 1 a code 7	>	1/19/17 10:29:17.760 AM	5.195.54.127 www.buttercup.com - halvarez5 443 [19/Jan/2017 10:29:17:760340] "POST /orderstatus?JSESSIONID=E9FA4EFE5F2F HTTP 1 E5F2F" 503 472 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_8_5) AppleWebKit/537.36 (KHTML; like Gecko) Chrome/29.0.1547.76 45832		
# cost 7			host = web-05 source = /opt/apache/log/access.log sourcetype = apache:access		

404 3322

200 1318

TY_id=GIFTS&JSESSIONID=SD1SL4FF10ADFF10 HTTP 1. /product.screen?product_id=GIFT5&JSESSIONID=SDISL4FF10ADFF10 HTTP 1. T /oldLink?item?product_id=FL-DSH-01&JSESSIONID=DS5L7FF6ADFF3 HTTP 1. 7 /a to: 7 /a to: 7 /a to:

Analyzing the Data

Scroll to the Line by Line section again, then click on Load search to this point for the second search to load the results in a new tab.

Line by Line

Pull Specific and Relevant Data

sourcetype=apache:access status=503

Load search to this point 🖄

- What: Pull in the web logs, and filter to those with an error status
- Why: We know that our site is having an issue let's see if we ca

Analyze the Data to Find the Rogue Server



Search Results

Q New Search Our search	Save As ∨	Close
sourcetype=apache:access status=503 stats count by host	Last 60 minutes 🗸	Q
✓ 21 events (1/19/17 9:59:00.000 AM to 1/19/17 10:59:36.000 AM) No Event Sampling ✓	👵 🛓 📍 Smart	Mode 🗸
Events Patterns Statistics (2) Visualization		
20 Per Page V ZFormat V Preview V		
host the Hosts Count		count 0 🖌
web-03		1
web-05		20

Note: your search results may look different than the screen shot

Wrapping Up on Web Errors

Full Search Results	
host 0	count ◊
web-01	1
web-03	3
web-03 web-05	15

We've found our problem server... Now what?

Next Steps

Once you've identified the "bad" server, try to find the problem using search!

Some hints on how to proceed:

- · What data is available for the server?
- · What fields from that data may be useful?

If you're new to Splunk, click HERE for a more guided experience

Scroll up to the **Next Steps** section and *click* the link to **search**.

Note: your search results may look different than the screen shot

Click Here!

y.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category_ittp://buttercup-shopping.com/ca

splunk>live!

Next Steps

Q New Search	Save As ✓ Close
host=web-05 stats count by sourcetype	Last 60 minutes ~ Q
✓ 3,533 events (1/19/17 11:39:00.000 AM to 1/19/17 12:39:36.000 PM) No Event Sampling ✓	Job 🗸 🔢 📰 🧀 👼 🛓 📍 Smart Mode 🗸
Events Patterns Statistics (8) Visualization	
20 Per Page V /Format V Preview V Sourcetypes	Count
sourcetype 🗘	count 🌣 🖌
apache:access	45
aws:cloudwatch	7
bandwidth	118
сри	177
df	118
iostat	236
ps	2773
vmstat	59

We'll be taking a shortcut – *click* on **Troubleshooting Examples**, then *click* **IT Troubleshooting Basics 2 – Server Issues**

creen?product id=FL-DSH-01&JSE

An Infrastructure Problem

404 3322

200 1318



SERVER'S DOWN WE'RE WORKING ON IT

Creen?category_id=GIFTS&JSESSIONID=SD1SL4FF10ADFF10 HTTP /product.screen?product_id=FL-DSH-01&JSESSIONID=SD1SL4FF10ADFF10 T/oldi

/oldlink?item

ISESSIONID=SD5SL9FF1ADFF3 HTTP 1.1"



Raw Events

Which **fields** might help us find the problem?

sourcetype=cpu host=web*									
√ 876 events (1/19/17 12:00:00.000 PM	to 1/19	/17 1:00:35.000 PM)) No Event	t Samplii	ng 🗸				
Events (876) Patterns S	Statistic	s Visualizat	ion						
Format Timeline 🗸 🦳 – Zoom Out	+ Zoon	n to Selection ×I	Deselect						
	Lis	st 🗸 👘 🖌 Format 🖻	✓ 20 P	er Page	~				
K Hide Fields == All Fields	Lis	st V /Format V	✓ 20 P Event	er Page	~				
< Hide Fields ∷≣ All Fields			Event	er Page		42.44	0.07	41.95	
< Hide Fields ∷≣ All Fields Selected Fields	i	Time	Event all	15.61	0		0.07 etype = <mark>cpu</mark>		
	i	Time 1/19/17 12:58:47.000 PM 1/19/17	Event all host = web	15.61	0				
Selected Fields	<i>i</i>	Time 1/19/17 12:58:47.000 PM	Event all host = web 0	15.61 -04 s 1.36	0 source = cp	4.42	etype = <mark>cpu</mark>	94.22	
Selected Fields a host 5	<i>i</i>	Time 1/19/17 12:58:47.000 PM 1/19/17	Event all host = web 0 host = web	15.61 -04 s 1.36	0 source = cp 0 source = cp	4.42	etype = cpu 0.05 etype = cpu	94.22	
Selected Fields a host 5 a source 1 a sourcetype 1	<i>i</i> > >	Time 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM	Event all host = web 0 host = web 1	15.61 -04 s 1.36 -04 s 14.96	0 source = cpr 0 source = cpr 0	4.42 4.3 sourc 29.54	etype = cpu 0.05 etype = cpu	94.22	
Selected Fields a host 5 a source 1	<i>i</i> > >	Time 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM 1/19/17	Event all host = web 0 host = web 1 host = web	15.61 -04 s 1.36 -04 s 14.96	0 source = cpr 0 source = cpr 0	4.42 4.3 sourc 29.54	etype = <mark>cpu</mark> 0.05 etype = <mark>cpu</mark> 0.03	94.22	
Selected Fields a host 5 a source 1 a sourcetype 1 Interesting Fields	i > >	Time 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM	Event all host = web 0 host = web 1 host = web all	15.61 -04 s 1.36 -04 s 14.96 -04 s 0.59	0 source = cpr 0 source = cpr 0 source = cpr 0	4.42 4.42 29.54 3 source 69.02	etype = cpu 0.05 etype = cpu 0.03 etype = cpu	94.22 55.5 30.39	
Selected Fields a host 5 a source 1 a sourcetype 1 Interesting Fields # CPU 3	i > >	Time 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM 1/19/17 12:58:47.000 PM	Event all host = web 0 host = web 1 host = web all host = web	15.61 -04 s 1.36 -04 s 14.96 -04 s 0.59	0 source = cpr 0 source = cpr 0 source = cpr 0 source = cpr	4.42 4.42 29.54 3 source 69.02	etype = cpu 0.05 etype = cpu 0.03 etype = cpu 0.09	94.22 55.5 30.39	

splunk>live!

/Category.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/cart.do?action=view&itemId=EST_6&product_id=FI_5W_61" 3] "GET /product.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cart.do?action=purchase&itemId=EST_6&product_id=AV-CB_01A_0000+Td=W641100", 3] "GET /product.screen?product_id=FL_DSH-01&JSESSIONID=SDISL7FF6ADFF9 HTTP 1.1" 404 720 "http://buttercup-sbopJing.com/cart.do?action=purchase&ITEMPIDUET_id=FI_5W_61", 68 125 17 /oldlink?item id=EST_5ADFF5SIONID=SDSSISFF1ADFF3 HTTP 1.1" 200 1318 "http://buttercup-shopSICFF6ADFF0", despery_id=FG6ASESSIONID=screen72, id=FG0ADF510AFE5ASDF0", action=purchase&ITEMPIDUEC_SCREEN7_104FF0MF0", action=purchase&ITEMPIDUECSCREEN7_104FF0 68 125 17 /oldlink?item id=EST_55SIONID=SDSSISFF1ADFF3 HTTP 1.1" 200 1318 "http://category.dot=Category.id=FG4ASESSIONID=SDSSISF5AFF0", action=purchase&ITEMPIDUECSCREEN7_104FF0", action=purchase&ITEMPIDUECSCREEN7_104F0", action=purchase&ITEMPIDUECSCREEN7_104FF0

Analyzing the Data

Full Search Results	
host 0	max(cpu_load_percent) 0
web-01	59.08
web-02	65.48
web-03	63.09
web-04	66.84
web-05	85.71

Next Steps

Now that you've identified the "bad" server, explore some different ways to visualize the results in the search app!

Some tips on how to proceed:

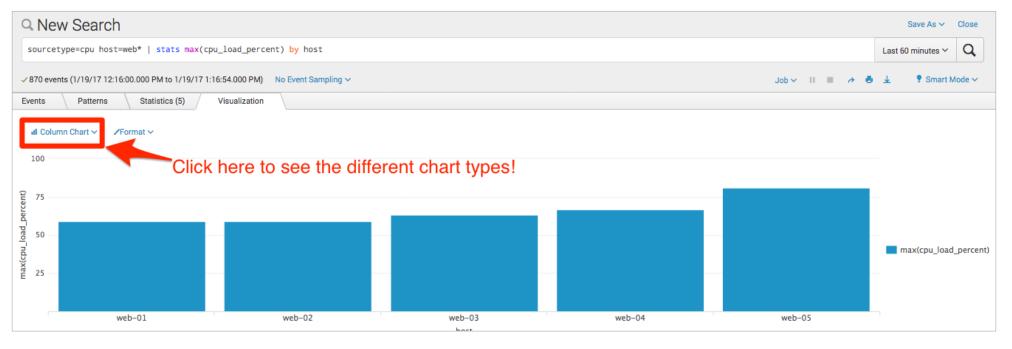
· What visualizations work well with this data?

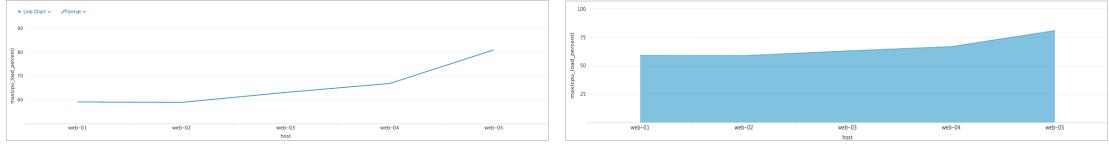
If you're new to Splunk, click HERE for a more guided experience

Screen?product id=FL-DSH-01&JSE



Visualizations





Reports

	Click here!	Save As ✓	Close			
The	en here!	Report				
1110		Dashboard Panel				
	Job 🗸 🔢 🔳 🤌 🛃	Alert	Save As Report			>
		Event Type	Title			
			Description	optional		
			Content		al	
			Time Range Picker	Yes		No
			Cancel			Sav

Alerts

"http://buttercup

Click here!-	Save As ∽ Close
Olicit Here:	Report
	Dashboard Panel
Then here!	Alert
	Event Type

4322)"

Save As Alert					
Settings					
Title	Title)		
Description	Optional				
Permissions	Private	Shared in App			
Alert type	Scheduled	Real-time			
	Run eve	ery week 🗸	J		
	On Monday 🗸	at 6:00 ~			
Trigger Conditions					
Trigger alert when	Number o	of Results 🗸]		
	is greater than \backsim	0	J		
Trigger	Once	For each result	J		
Throttle?					
Trigger Actions					
	+ Add Actions \checkmark				
Cancel					s

w&itemId=EST-68

om/category.screen?catego

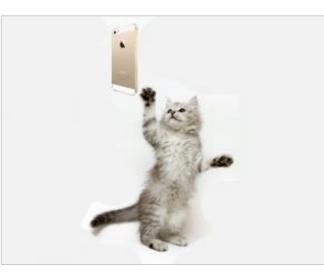
opping.

en?catego

/oldlink?item

Mobile App Issues

Click on Troubleshooting Examples, then click IT Troubleshooting Basics 3 – Mobile App Errors





/category.screen?category_id=GIFT5&J5E5510N1D=SD15L4FF19ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/category_id=GIFT5&J5E5510N1D=SD15L4FF19ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GIFT5&J5E5510N1D=SD15L4FF10ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GIFT5&J5E5510N1D=SD15L4FF10ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GIFT5&J5E5510N1D=SD15L4FF10ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GIFT5&J5E5510F10=SD55L5FF1ADFF10 HTTP 1.1" 404 322 "http://buttercup-shopping.com/category_id=GIFT5&J5E5510F10=SD55L5FF1



Raw Events

Q New Search		
sourcetype=mint:network		
✓ 428 events (1/19/17 12:41:00.000 PN	to 1/19/17 1:41:12.000 PM) No E	vent Sampling 🗸
Events (428) Patterns	tatistics Visualization	
Format Timeline ∽ — Zoom Out	+ Zoom to Selection × Deselect	
		0 Per Page ∽
< Hide Fields III Fields	i Time Event	
Selected Fields a host 1 a source 1 a sourcetype 1	car dev ext lat pla	VersionName: 5.8 rier: Sprint ice: Kindle Fire HDX 8.9 raData: {"jsessionid": "E8EEF7D1E352"} ency: 357728 tform: android
Interesting Fields # appVersionName 5 a carrier 4 # date_hour 2 # date_mday 1	sta sta tim url use	oteIP: 8.52.238.154 te: connected tusCode: 200 estamp: 1484861980 : /orderstatus rIdentifier: hmasonx d: f1b09027-99a0-4922-8e74-37ce960c078c
# date_minute 59 a date_month 1 # date_second 60	} Show as	

butter

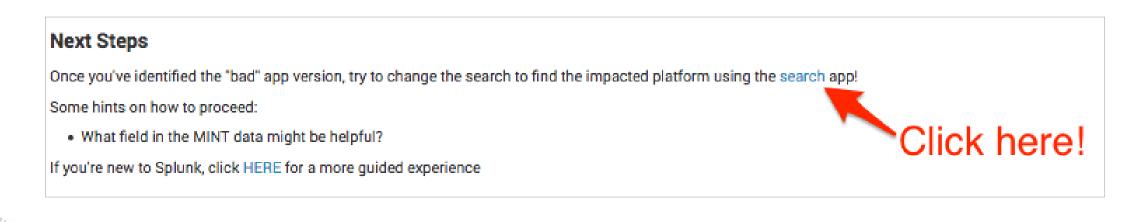
404 3322

/product.screen?product_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 ; / product.screen?product_id=FL-DSH-01&JSESSIONID=SDSSL7FF6ADFF9 HTTP 1.1 / voidlink?item_id=EST-36&JSESSIONID=SDSSL9FF1ADFF3 HTTP 1.1" 200 1318 / d too: constant cons

Mobile App Problems

chart count over appVersionName by statusCode

Full Search Results			
appVersion	Name 0	200 ≎	401 0
	4.2	77	0
	5.5	60	0
	5.6	64	0
	5.8	205	0
	6.0	0	29



Mobile App Issue Wrap Up

Q New Search				Save As ∽ (Close
<pre>sourcetype=mint:network chart count over appVersionName by statusCode</pre>				Last 60 minutes ∽	Q
✓ 427 events (1/19/17 1:13:00.000 PM to 1/19/17 2:13:08.000 PM) No Event Sampling ∽			Job 🗸 🔲 🖬 🤌 🚭	上 📍 Smart Mo	ode 🗸
Events Patterns Statistics (5) Visualization					
20 Per Page V /Format V Preview V					
	appVersionName 🌣 🖉		200 0		401 0 🖌
	4.2		65		0
	5.5		61		0
	5.6		66		0
	5.8		212		0
	6.0		0		23
Q New Search				Save As ∽ C	lose
sourcetype=mint:network chart count over platform by statusCode				Last 60 minutes 🛩	Q
✓ 418 events (1/19/17 1:16:00.000 PM to 1/19/17 2:16:20.000 PM) No Event Sampling ∨			Job 🗸 🔲 🔳 🏕 👼	🛓 📍 Smart Mo	de 🗸
Events Patterns Statistics (3) Visualization					
20 Per Page 🗸 🖌 Format 🗸 Preview 🗸					
platform 0	1	200 🗘 🖌			401 0 🖌
WP		5			0
android		132			22
iOS		259			0

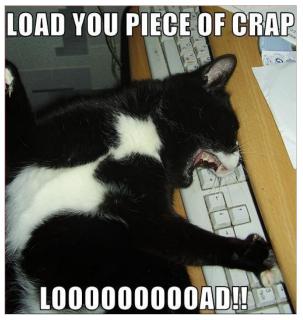
404 3322

200 1318

//scient2category_id=GIFT5&JSESSIONID=SD1SL4FF10ADFF10 HTTP 1. /product.screen?product_id=FL-DSH-01&JSESSIONID=SDS5L7FFADFF3 7 /oldlink?item_id=EST-26&JESSIONID=SDS5L9FF1ADFF3 HTTP 1.1" 7 4

Using APM Data

Click on Troubleshooting Examples, then click IT Troubleshooting Basics 4 – Using APM Data



Screen?product id=FL-DSH-01&JSESS



Raw Events

Q New Search			Save As ∽ Close		
sourcetype=newrelic_account			Last 60 minutes ~ Q		
✓ 855 events (3/6/17 12:39:00.000 PM to	3/6/17 1:39:53.000 PM	No Event Sampling 🛩	Job 🗸 🔢 📄 🤌 🖶 🔮 Smart Mode 🗸		
Events (855) Patterns Sta	atistics Visualiz	ation			
Format Timeline 🗸 — Zoom Out 🛛 +	- Zoom to Selection		1 minute per column		
a alleran		Report of the second second			
	List ∽ ∕ Forma	it ∽ 20 Per Page ∽	<prev 1="" 2="" 3="" 4="" 5="" 6="" 7="" 8="" 9="" next≻<="" td="" …=""></prev>		
< Hide Fields ∷≣ All Fields	<i>i</i> Time	Event			
Selected Fields a host 1 a source 2 a source 2 a sourcetype 1 Interesting Fields a eventype 1 a index 1 # key_transaction.application_summ ary.apdex_score 12 # key_transaction.application_summ ary.apdex_target 2 # key_transaction.application_summ ary.nost_count 6 # key_transaction.application_summ ary.instance_count 6 # key_transaction.application_summ ary.response_time 100+ # key_transaction_application_summ	 3/6/17 1:39:30.000 PM 	<pre>{ [-] key_transaction: { [-] application_summary: { [-] apdex_score: 1.0 apdex_target: 0.3 error_rate: 0.0 host_count: 3 instance_count: 3 response_time: 0.19 throughput: 2 } end_user_summary: { [-] apdex_target: 0.5 response_time: 0.22 throughput: 2 } health_status: green id: 19320 name: API Order Status reporting: true transaction_name: API Order Status } } Show as raw text Event Actions ~</pre>			

404 3322

200 1318

_id=GIFTS&JSESSIONID=SD1SL4FF10ADFF10 HTTP 1

/product.screen?product_id=GIFT5&JSESSIONID=SDISL4FF10ADFF10 HTTP 1. T /oldLink?item?product_id=FL-DSH-01&JSESSIONID=DS5L7FF6ADFF3 HTTP 1. 7 /a to: 7 /a to: 7 /a to:

APM Data

stats latest(key_transaction.health_status) by key_transaction.name

Full Search Results		
key_transaction.name 0		latest(key_transaction.health_status) 0
API Add to Cart		green
API Checkout		orange
API Order Status		orange
API Product Details		orange
API Remove from Cart		green
API Update Cart	Analyze the Data	
API View Cart	Analyze the Data	
Authorization API	stats latest(<pre>[key_transaction.health_st</pre>
Search API		
Web Add to Cart	Load search to this poir	nt [2
		Click

.Screen?product id=FL-DSH-01&JSESSIONID=SD5

Dashboards

Q New Search			Click here!	Save As ~ Close
<pre>sourcetype=newrelic_account stats latest(key_transaction.</pre>	health_status)	.name	Olick Here:	Report
✓ 848 events (3/6/17 12:44:00.000 PM to 3/6/17 1:44:15.000 PM) No Event Sector 10 No Event No Event Sector 10 No Event No E	ampling ~		Then here!	Dashboard Panel
Events Patterns Statistics (18) Visualization	Save As Dashboard Pane	a.	×	Event Type
20 Per Page 🗸 🖌 Format 🗸 Preview 🗸				
key_transaction.name 🗘	Dashboard	Ne Existing		1
API Add to Cart API Checkout API Order Status	Click here!	Application Server Status 🗸		
API Product Details	Panel Title	IT Troubleshooting Basics 2 - Server Issues		
	Panel Powered By	IT Troubleshooting Basics 3 - Mobile App Errors		
	Panel Content	IT Troubleshooting Basics 4 - Using APM Data		
	Then here!	Migration Status		
	Cancel	Mobile App Health		
		Raw Data Overview		
	green	SplunkLive!		
	green green	Web Store Health		
82 0.0				

GET /category.screen?category_id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/cat.dorpativescreen?category.screen?category.id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cat.dorpativescreen?category.id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cat.dorpativescreen?category.id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cat.dorpativescreen?category.id=GIFTS&JSESSIONID=SDISL4FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cat.dorpativescreen?category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cat.dov/category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cat.dov/category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10 HTTP 1.1" 400 4332 "http://buttercup-shopping.com/category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/category.id=GIFTS&JSESSIONID=SDISL3FF10ADFF10ADFF10 HTTP 1.1" 404 332 "http://buttercup-shopping.com/category.id=GIFTS&JSESSIONID=SDISL3FF10AD

Dashboard



Splunk Delivers on Top CIO Priorities

Increasing Enterprise Growth

Delivering Business Solutions

Analytics and Business Intelligence

"Splunk is at the heart of CloudShare's business. We use Splunk to get visibility into customer behavior and drive business growth."

- Elad Gotfrid, Director of IT

"Splunk lets us quickly correlate and debug performance issues so we can track our critical SLAs in pre-production and double our velocity."

— Amit Sehgal, Performance and Scalability Engineer

"Splunk delivered executive dashboards showing activations by minute, by channel, by market, by device type in hours—not weeks or months."

— **Ty Prinkki**, Senior Operations Manager

Improving Customer Experience

"Splunk tracks any interference with customer experience on our website and proactively finds underperforming components."

— **Jon Abend**, Senior Manager of Enterprise Architecture

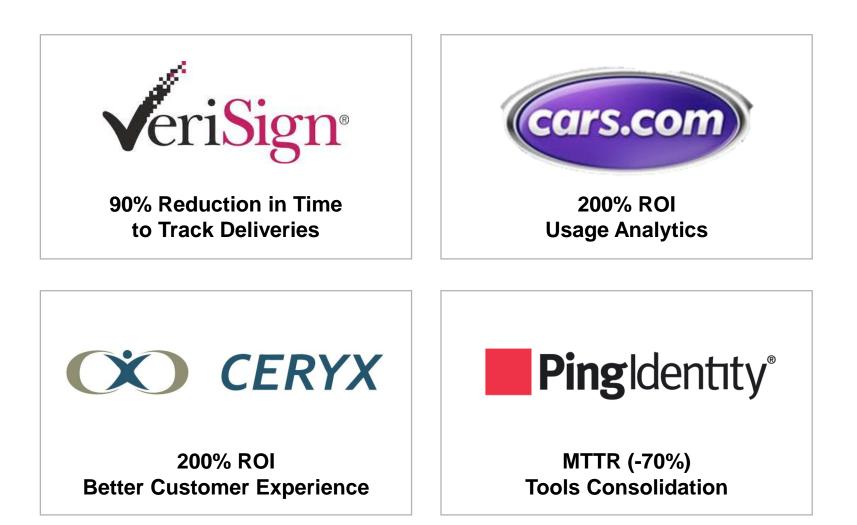








Dramatic Results, Rapid ROI



Screen?product id=FL-DSH-01&JSE

Now What?

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June 14: Minneapolis

- Venue: Hyatt Regency Minneapolis
- Time: 8:30am
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THANK YOU

ct_id=forversereen?category_id_GIFTS_Mozilia/4.0 = """ GET /prod-""" C/33.4 (KHTMLH like TTILLE L.L. 200 1976 "http://buttercup-shopping.com/cart.do?action=pur. EST-26&JSESSIONID=SD5SL9FF1ADFF3 HTTP 1 1" 200 1318