# **Chapter 1: Play Time – Getting Data In**



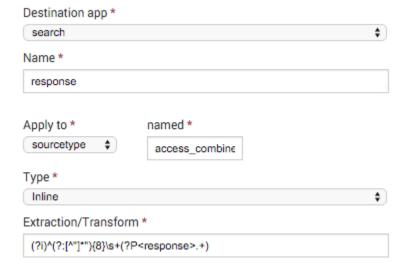
Administrator ~ Messages v Settings ~ Activity ~ Help ~ KNOWLEDGE DATA Searches, reports, and alerts Data inputs Data models Forwarding and receiving Event types Indexes Tags Report acceleration Add Data Fields summaries Lookups Source types User interface DISTRIBUTED ENVIRONMENT Alert actions Indexer clustering Advanced search Forwarder management All configurations Distributed Distributed search Management Console SYSTEM USERS AND AUTHENTICATION Server settings Access controls Server controls Licensing

# Object should appear in Keep private This app only (search) All apps

### **Permissions**

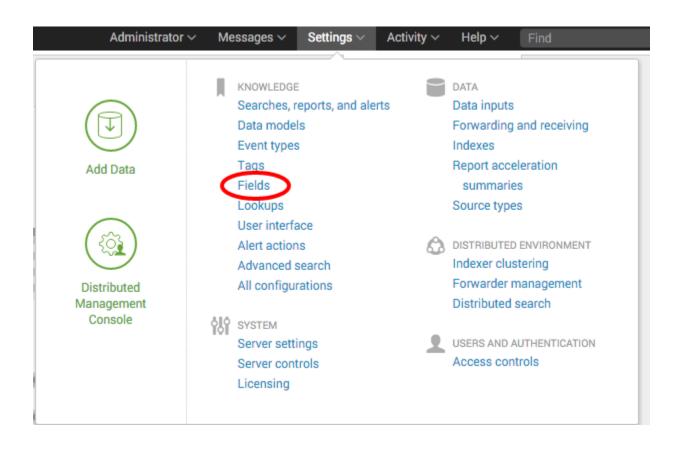
Roles	Read	Write
Everyone	⋖	
admin		⋖
can_delete		
power		
splunk-system-role		
user		

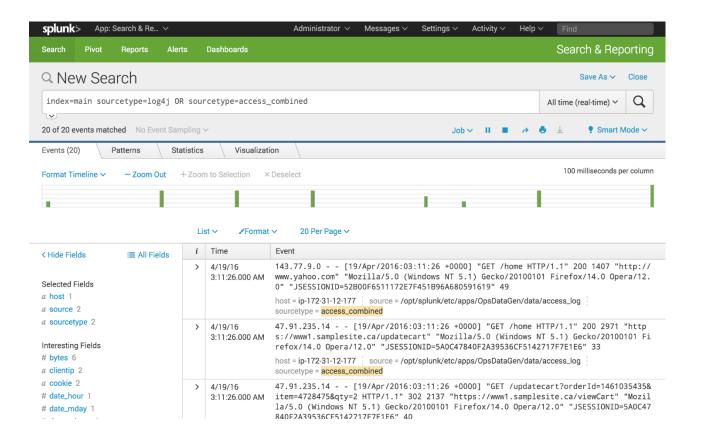






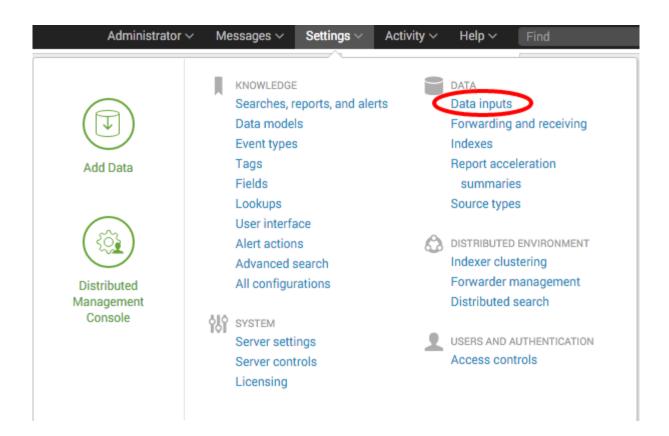
View and edit all field extractions. Add new field extractions and update permissions.





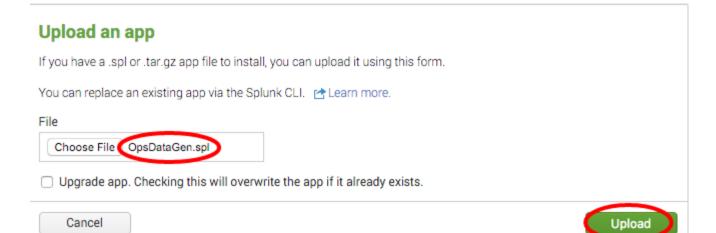
Full path to your data \$	Set host \$	Source type \$	Set the destin	ation index \$	Number of files \$	App ¢	Status ‡	
\$SPLUNK_HOME/etc/apps/OpsDataGen/data/access_log	Constant Value	access_combined	main	Linux		OpsDataGen	Disabled	Enable
\$SPLUNK_HOME/etc/apps/OpsDataGen/data/app_log	Constant Value	log4j	main	Linux		OpsDataGen	Disabled	Enable
\$SPLUNK_HOME\etc\apps\OpsDataGen\data\access_log	Constant Value	access_combined	main	Windows		OpsDataGen	Disabled	Enable
\$SPLUNK_HOME\etc\apps\OpsDataGen\data\app_log	Constant Value	log4j	main	Windows		OpsDataGen	Disabled	Enable

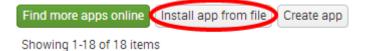
Command \$		Interval ‡	Source type \$	App ‡	Status ‡
\$SPLUNK_HOME/etc/apps/OpsDataGen/bin/AppGen.path	Linux	300	AppGenLogs	OpsDataGen	Disabled Enable
\$SPLUNK_HOME\etc\apps\OpsDataGen\bin\AppGen-win.path	Windows	300	AppGenLogs	OpsDataGen	Disabled Enable



## Apps

App "OpsDataGen" was installed successfully





#### Configure receiving

Set up this Splunk instance to receive data from forwarder(s).

Listen on this port \*

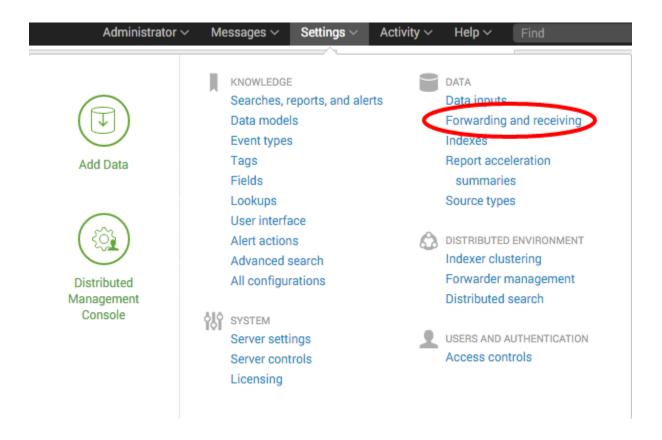
9997

For example, 9997 will receive data on TCP port 9997.

### Receive data

Configure this instance to receive data forwarded from other instances.

Configure receiving



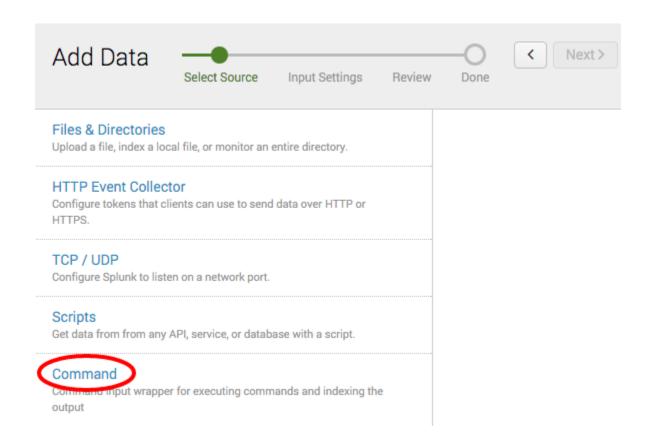
# Modular input has been created successfully.

Configure your inputs by going to Settings > Data Inputs

Command Arguments	
	Arguments string for the command.Environnment variables in the format \$VARIABLE\$ can be included and they will be substituted ie: \$SPLUNK_HOME\$
Streaming Output?	
	Whether or not the command output is streaming(std out remains open) or not(results received and std out is closed). If it is streaming then "Execution Interval" won't really be relevant.
Command Execution Interval	60
	Interval time in seconds to execute the command, defaults to 60 seconds

Mod Input Name *	SystemInfo	۵	
	Name of this command input		
Command Name *	/usr/bin/vmstat		

Name of the system command if on the PATH (ps), or if not , the full path to the command (/bin/ps). Environnment variables in the format \$VARIABLE\$ can be included and they will be substituted ie: \$SPLUNK\_HOME\$



Login

Enter your Splunk.com username and password to download the app Username Password Forgot your password? This app is provided by a third party and your rights to use the app is in accordance with the license provided by that third-party licensor. Splunk is not responsible for any third-party apps and does not provide any warranty or support. If you have any questions, complaints or claims with respect to this app, please contact the licensor directly, whose contact information can be found on the download page. Splunk Software License Agreement Splunk Websites Terms and Conditions of Use I have read the terms and conditions of the license and agree to be bound by them. I accept that Splunk will securely send my login credentials over the Internet to splunk.com

Cancel

Login and Install





This is a Splunk Modular Input for executing commands and indexing the output. It is quite simply just a wrapper around whatever system commands/programs that you want to periodically execute and capture the output from ie: (top, ps, iostat, tshark, tcpdump etc...). It will work on all supported Splunk platforms.

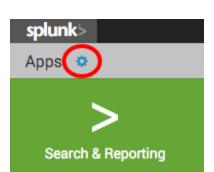
Category: Utilities | Author: Damien Dallimore | Downloads: 1061 | Released: 3 years ago |

Last Updated: 2 years ago | View on Splunkbase

# Browse More Apps

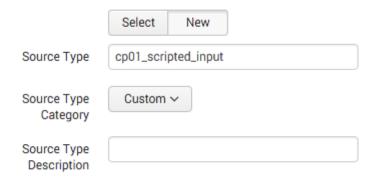
€3

command modular input



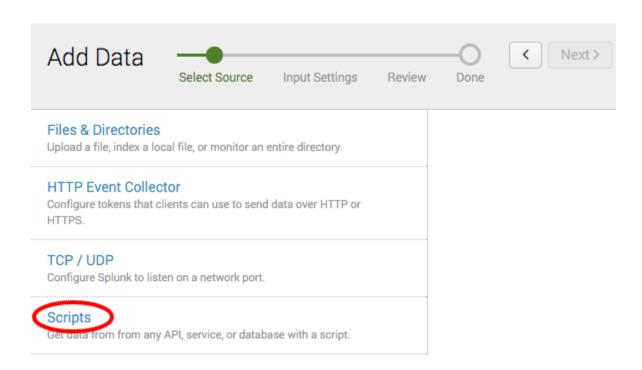
Script input has been created successfully.

Configure your inputs by going to Settings > Data Inputs



Configure this instance to execute a script or command and to capture its output as event data. Scripted inputs are useful when the data that you want to index is not available in a file to monitor. Learn More







UDP input has been created successfully.

Configure your inputs by going to Settings > Data Inputs

## Input Settings

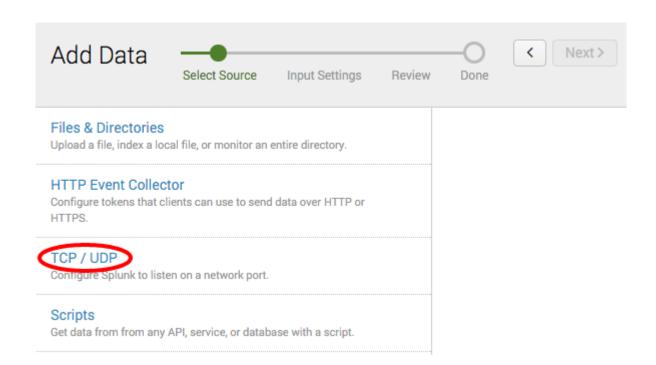
Optionally set additional input parameters for this data input as follows:

#### Source type

The source type is one of the default fields that Splunk assigns to all incoming data. It tells Splunk what kind of data you've got, so that Splunk can format the data intelligently during indexing. And it's a way to categorize your data, so that you can search it easily.

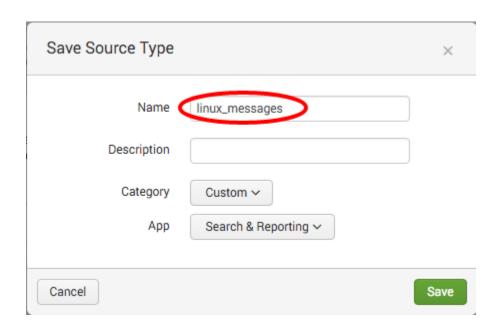


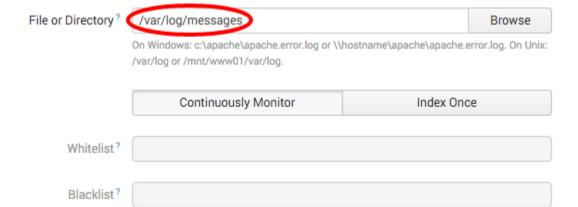
	TCP	UDP
Port?	514 Example: 514	
Source name override?	optional host:port	
Only accept connection from?	optional	

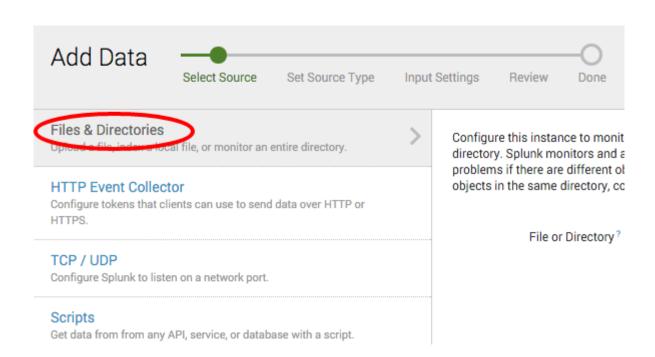




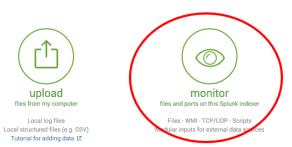
Configure your inputs by going to Settings > Data Inputs



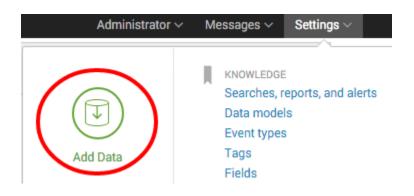




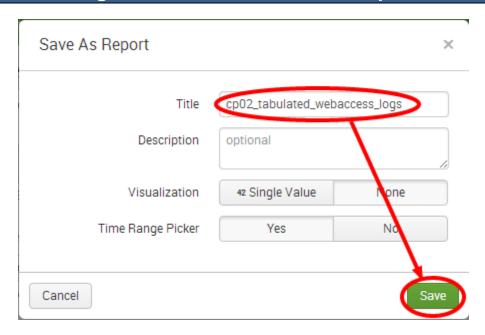
Add Data
How do you want to add data?

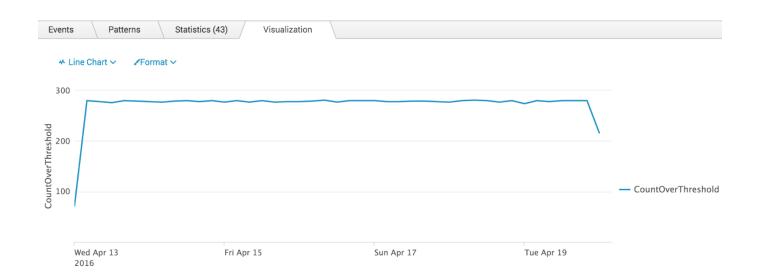


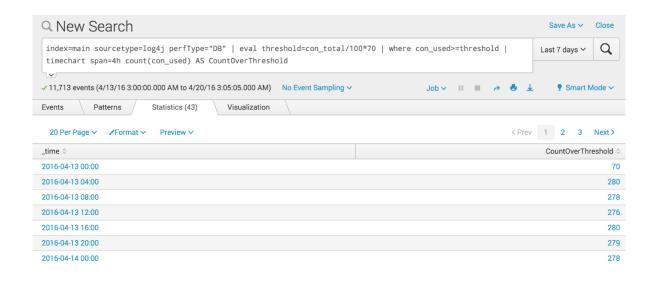


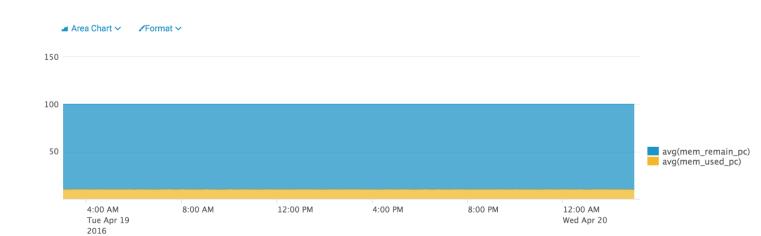


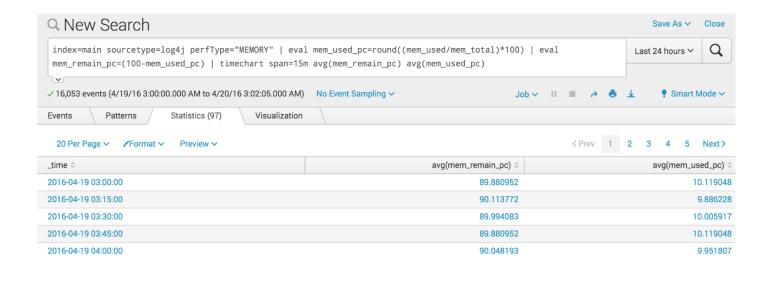
# Chapter 2: Diving into Data – Search and Report

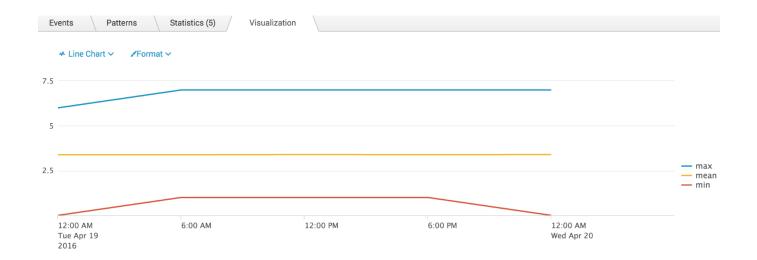


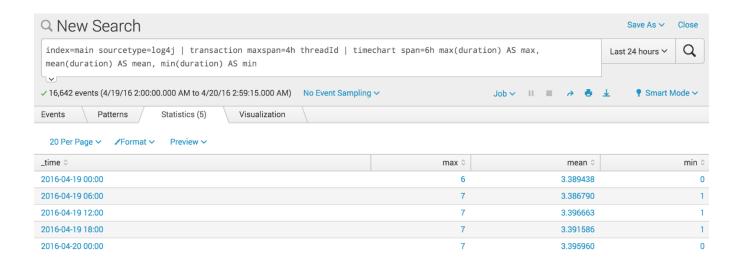


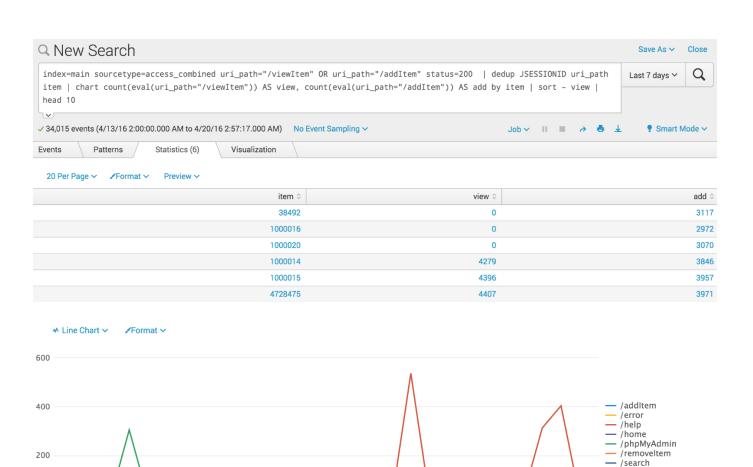












Sun Apr 17

Wed Apr 13

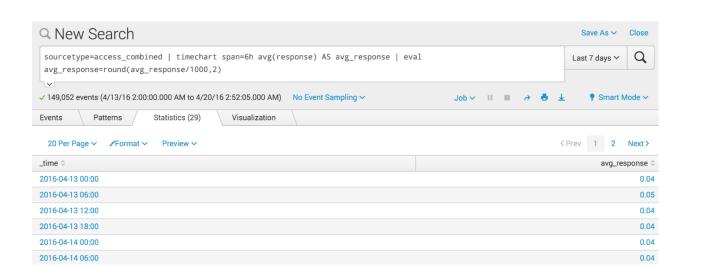
2016

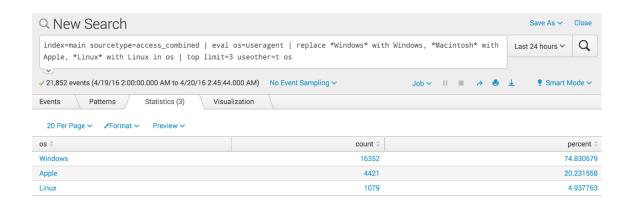
Fri Apr 15

/updatecart/viewCart/viewItemOTHER

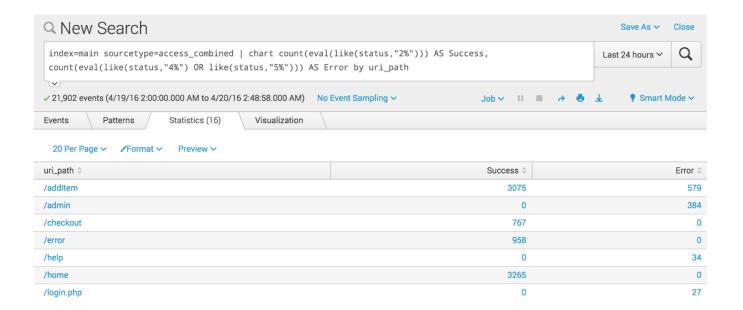
Tue Apr 19

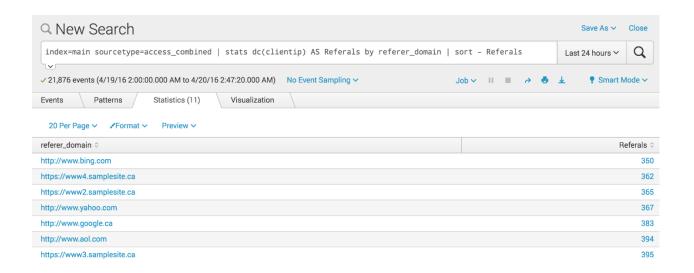


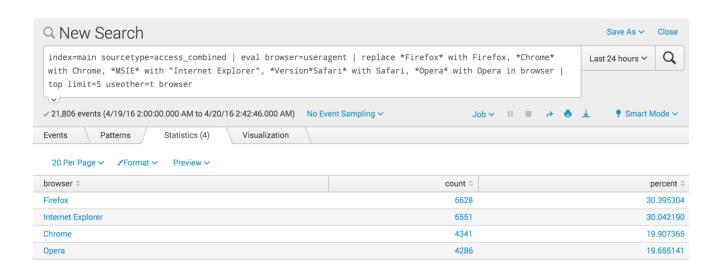


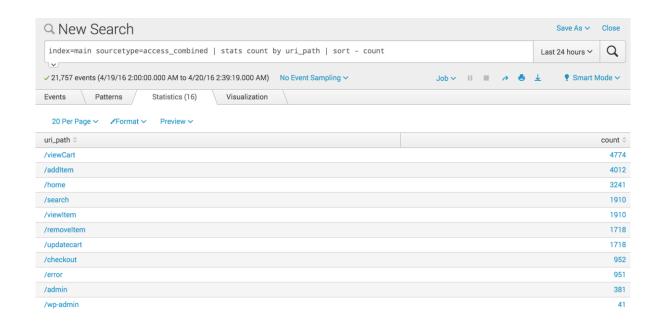


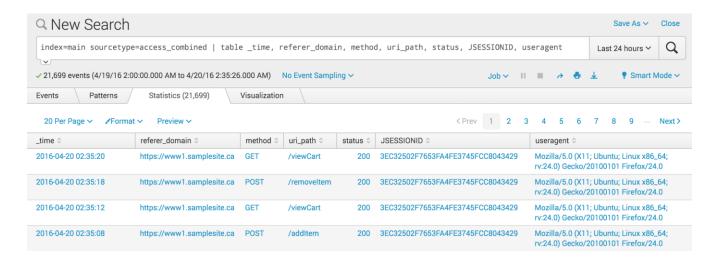


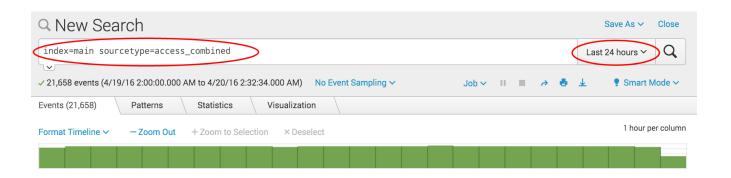




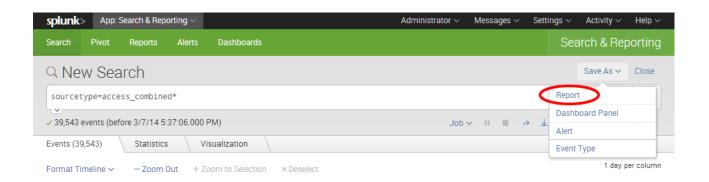














## **Chapter 3: Dashboards and Visualizations – Making Data** Shine

# Search & Reporting



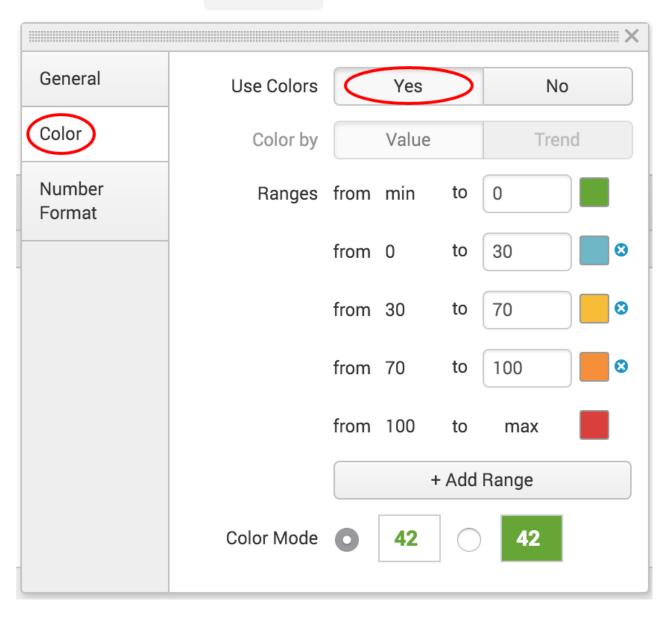
Save As ✓ View Close

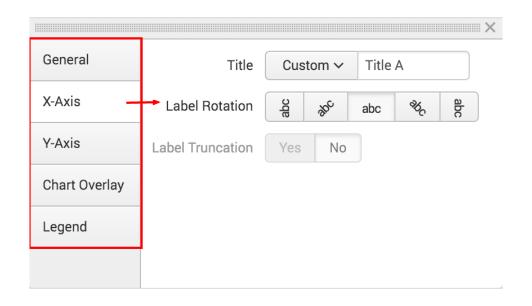
**22** -80%

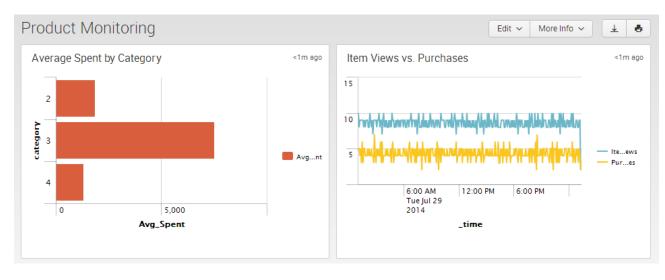
**Unique Visitors** 

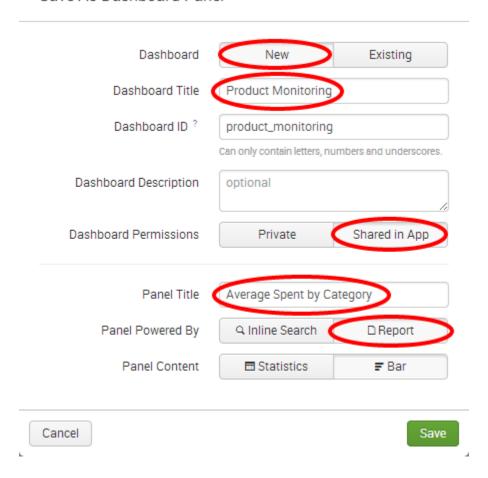
## 42 Single Value >

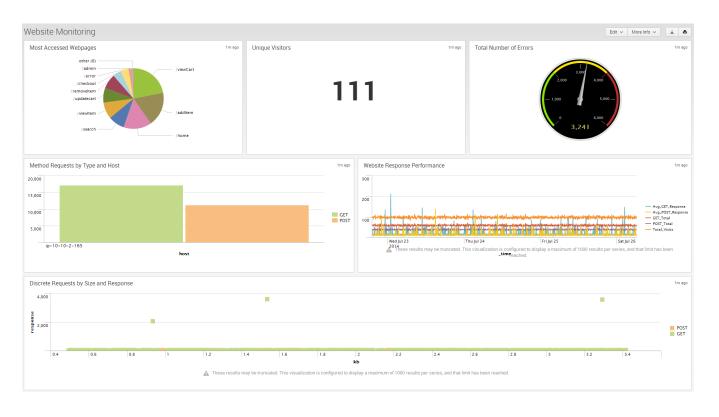


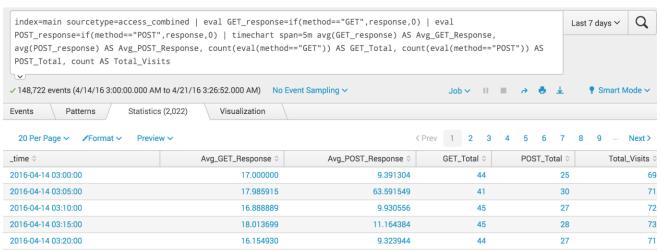


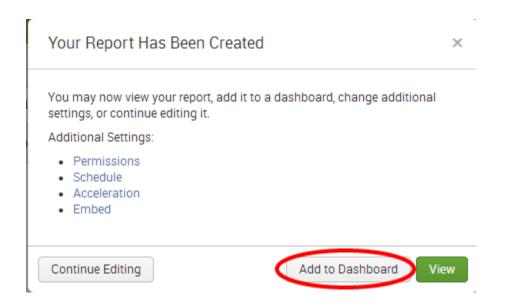


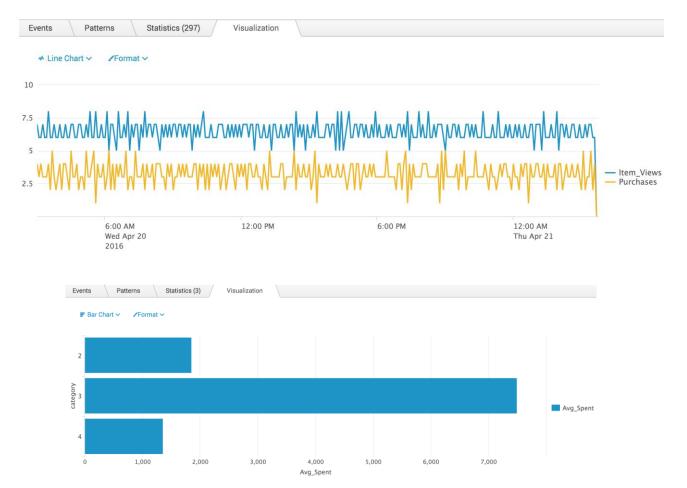


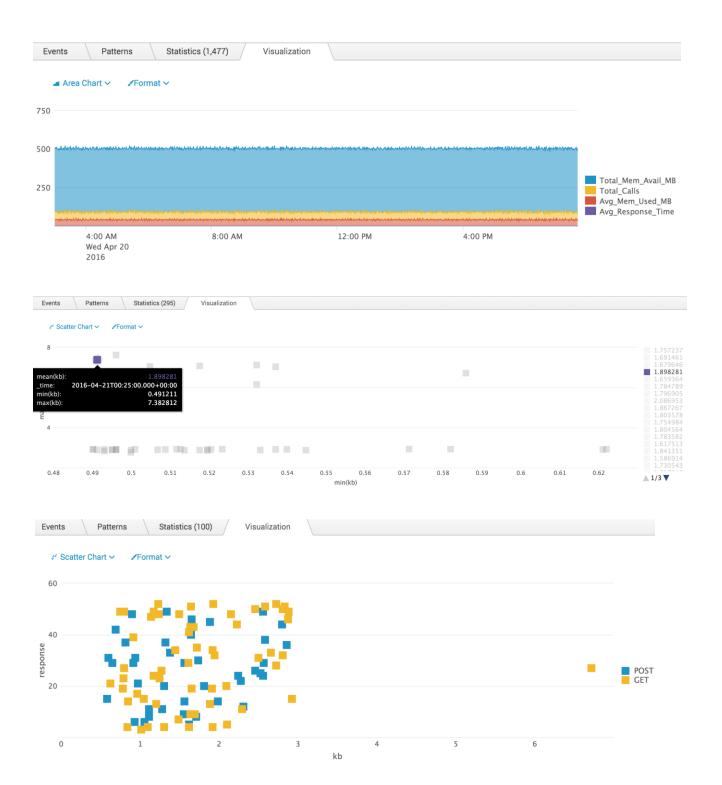


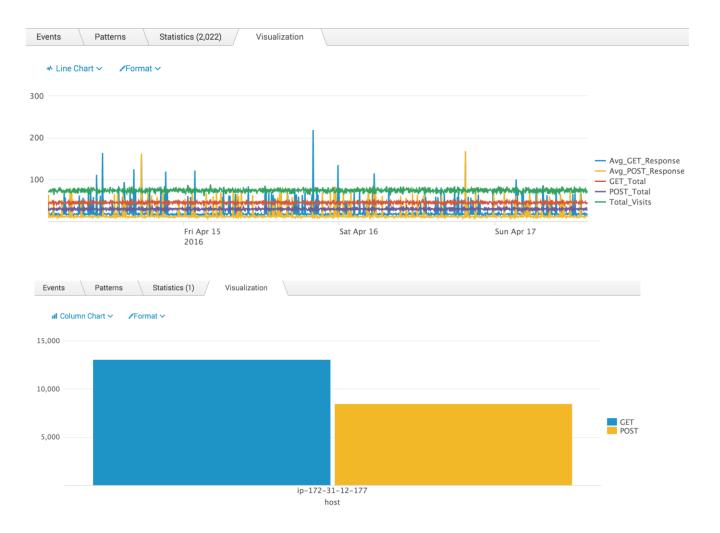


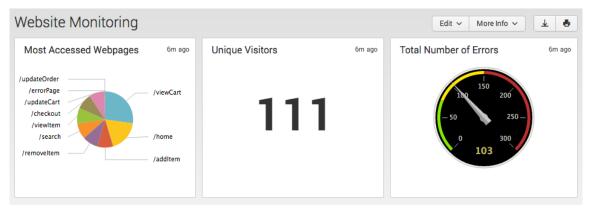


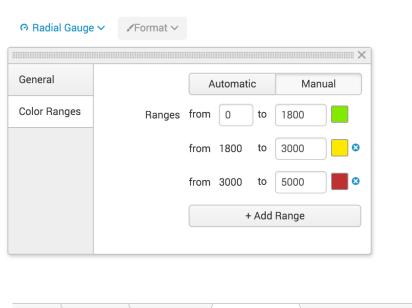














Events Patterns Statistics (1) Visualization

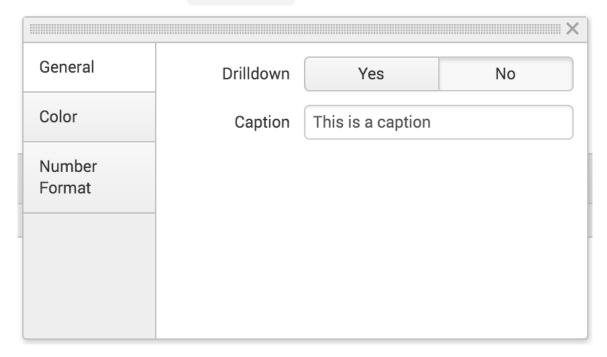


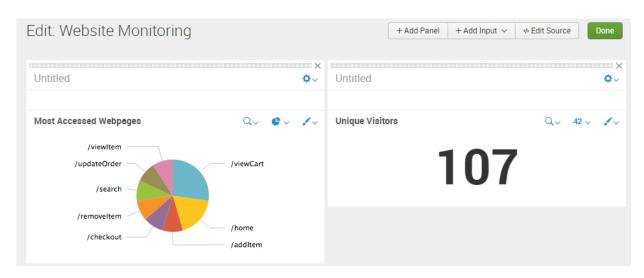
Events Patterns Statistics (1) Visualization

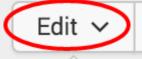
42 Single Value ✓ ✓ Format ✓

**2,616**This is a caption

#### 







# More Info ∨



**Edit Source** 

**XML** 

Convert to HTML

**Edit Title or Description** 

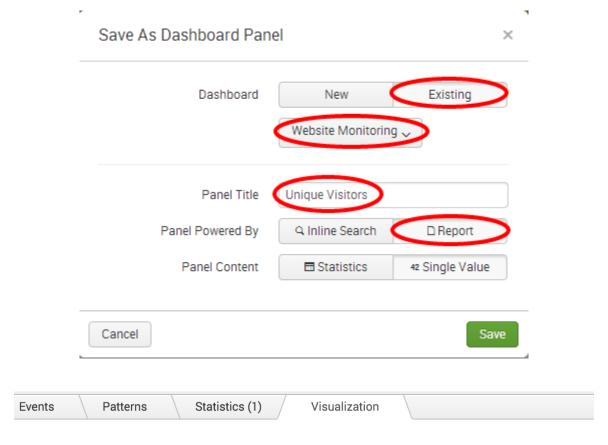
**Edit Permissions** 

Schedule PDF Delivery

Set as Home Dashboard

Clone

**Delete** 



42 Single Value ✓ ✓ Format ✓

2,708





## Splunk Visualizations



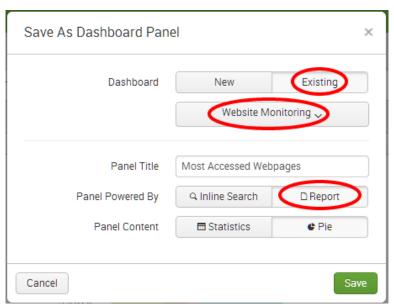
#### Find more visualizations 2

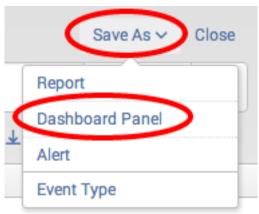
### **Single Value**

Track a metric with context and trends.

Search Fragment | timechart count

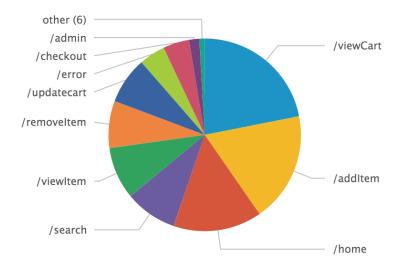
> Your Dashboard Panel Has Been Created The panel has been created and added to website\_monitoring. You may now view the dashboard. View Dashboard

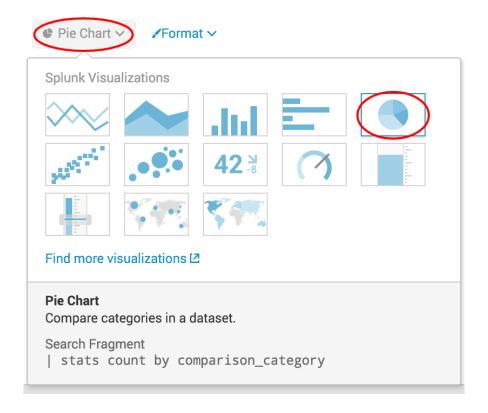




Events Patterns Statistics (16) Visualization

#### 

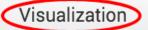


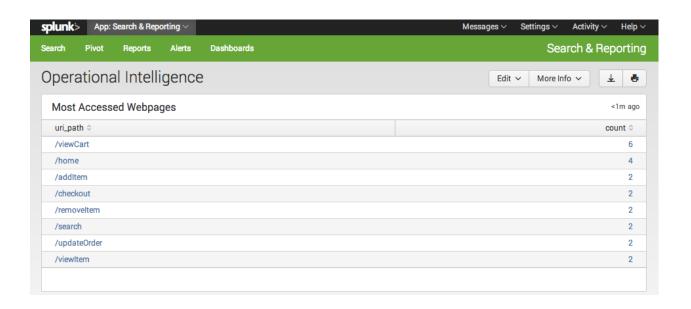


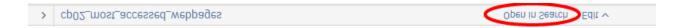
Events (10)

**Patterns** 

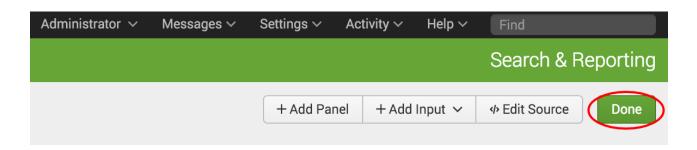
Statistics

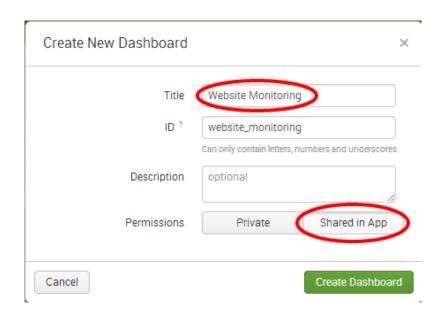




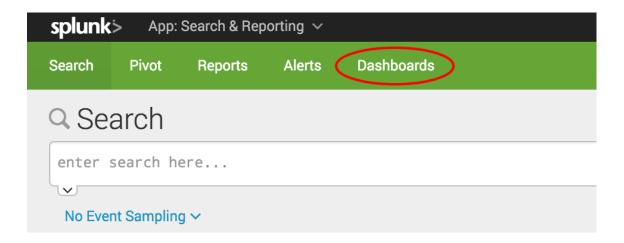








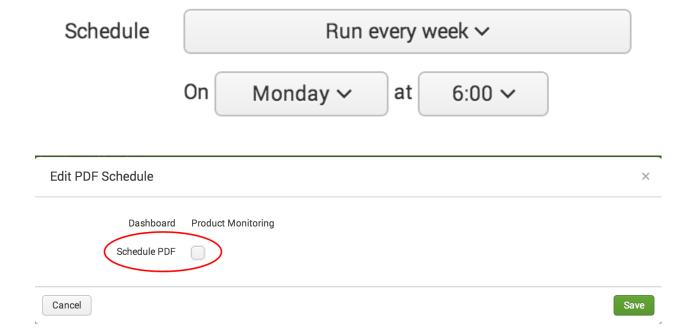


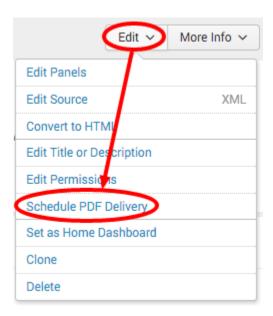


## Chapter 4: Building an Operational Intelligence Application

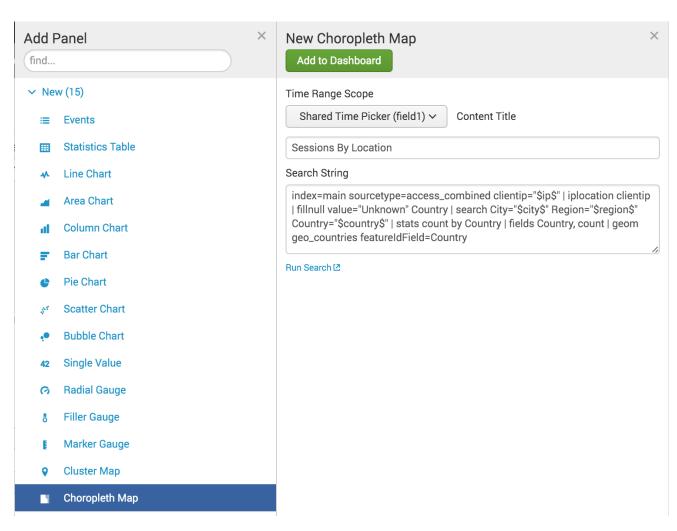
## Send Test Email Preview PDF

Paper Size		Letter ✓	
Paper Layout		Portrait	Landscape
Email To			//
Priority	Normal ~		
Subject	Splunk Dashboard: '\$name\$'		
Message	A PDF w	as generated fo	r \$name\$





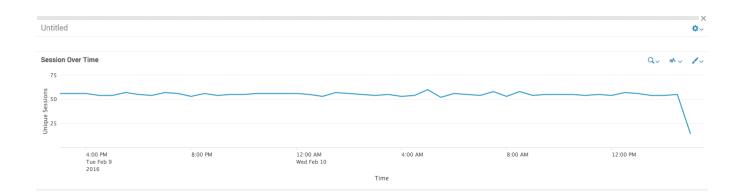




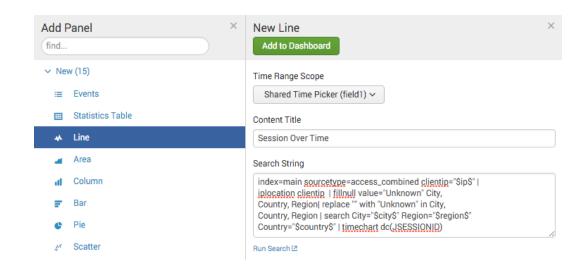
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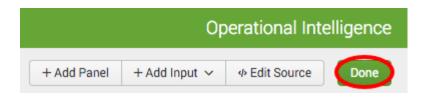
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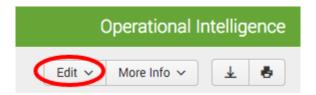
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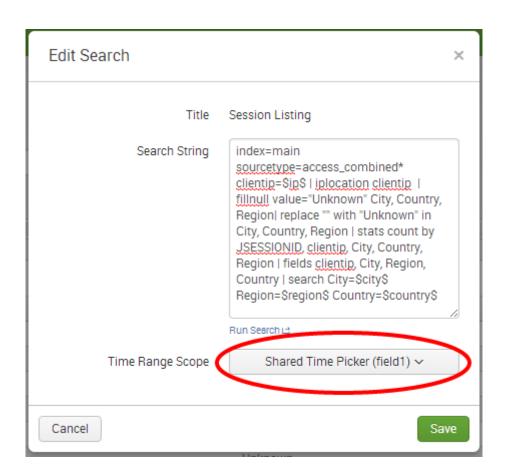


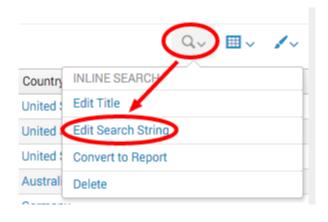


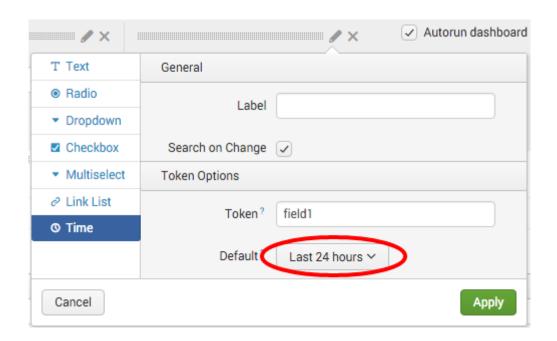


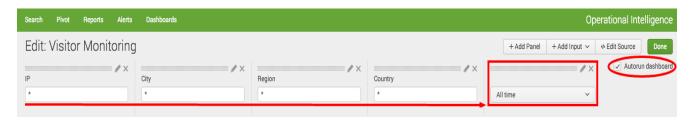


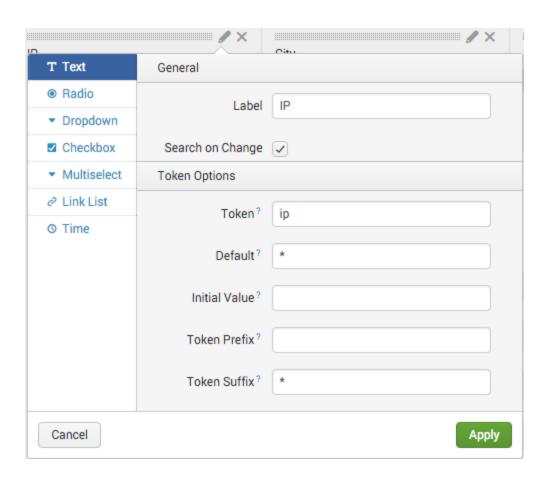


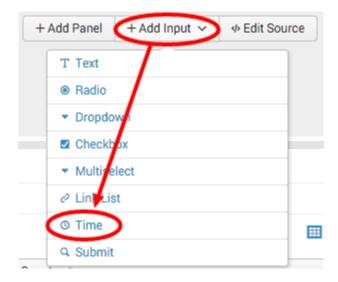


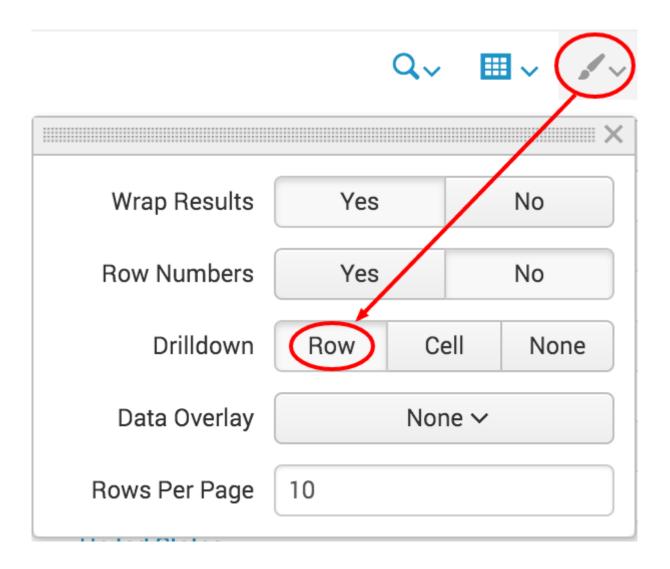


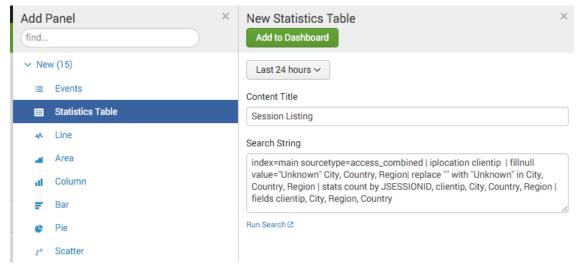


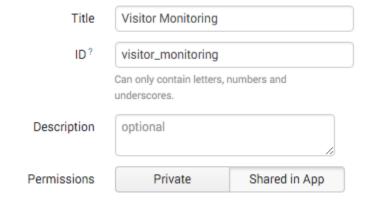


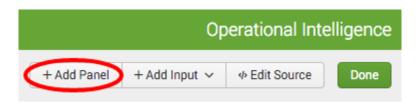


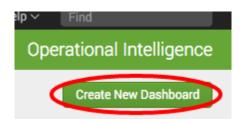






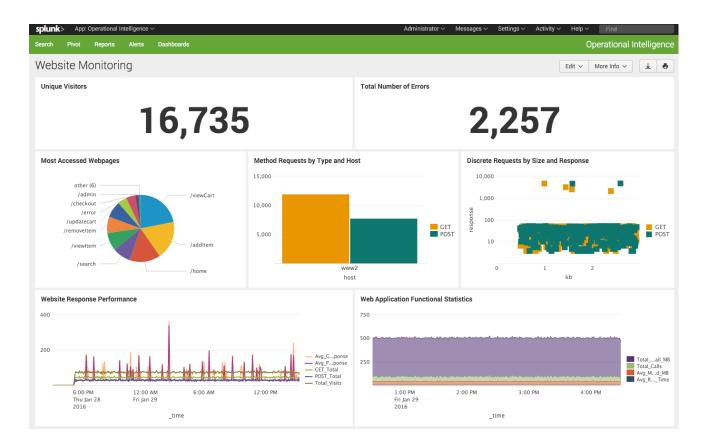


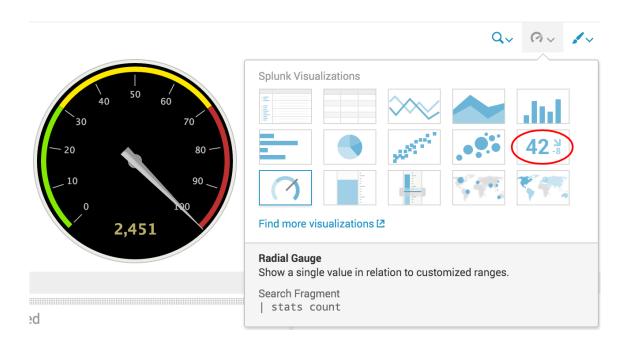


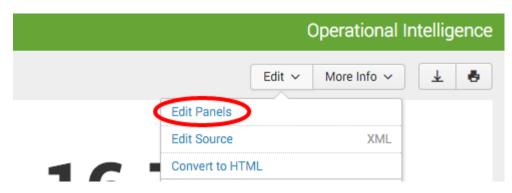


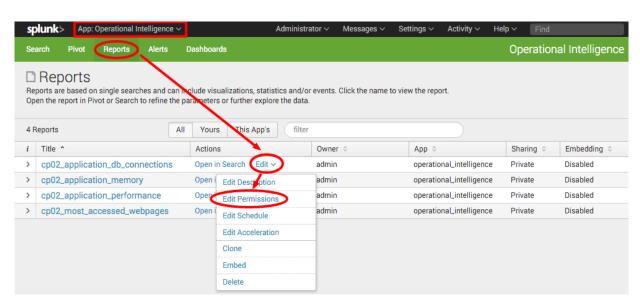
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<option name="useColors">0</option>
<option name="useColors">0</option>
<option name="useColors">0</option>
<option name="useColors">option name="useColors">0</option>
<option name="useColors">option name="useColors">0</option>
<option name="useColors">0</option>
<option
```

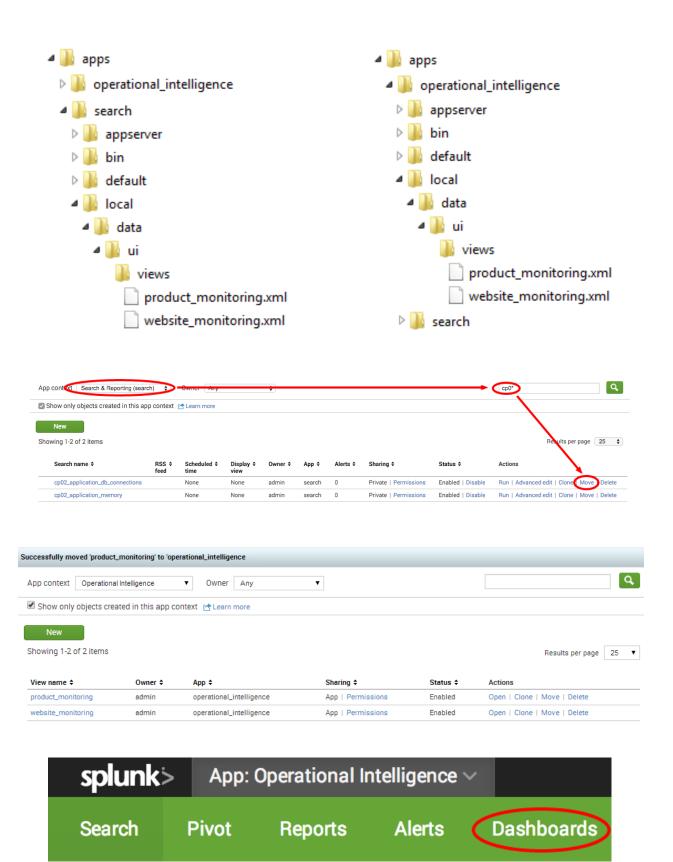
```
<dashboard>
   <label>Website Monitoring</label>
        <panel>
           <single>
               <title>Unique Visitors</title>
               <searchString>index=main sourcetype=access combined | stats dc(JSESSIONID)/searchString>
               <earliestTime></earliestTime>
               <latestTime></latestTime>
           </single>
        </panel>
        <panel>
           <single>
               <title>Total Number of Errors</title>
                   <query>index=main sourcetype=access_combined NOT status="200" | stats count</query>
<earliest>-24h@h</earliest>
                   <latest>now</latest>
               </search>
              </search>
<option name="linkView">search</option>
<option name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</option>
<option name="charting.axisLabelsX.majorLabelStyle.rotation">o</option>
<option name="charting.axisTitleX.visibility">visible</option>
<option name="charting.axisTitleY.visibility">visible</option>
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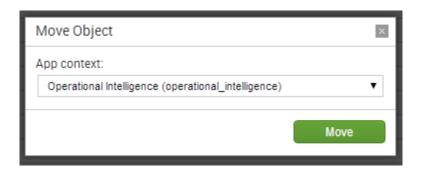


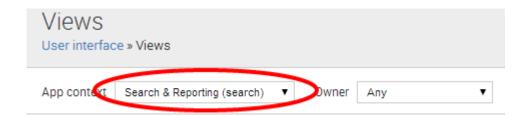








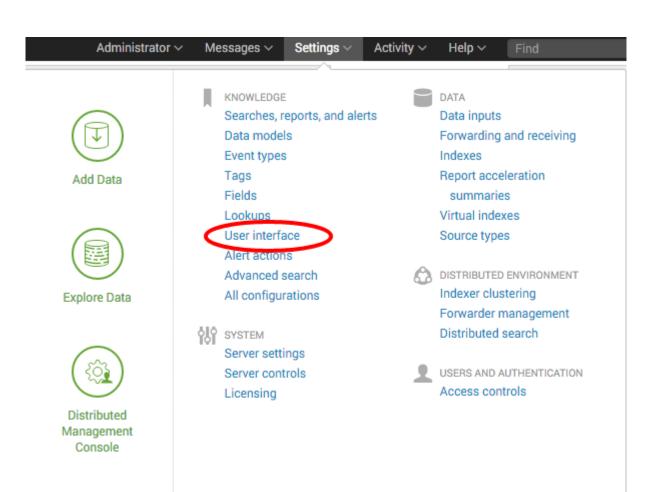


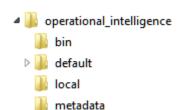


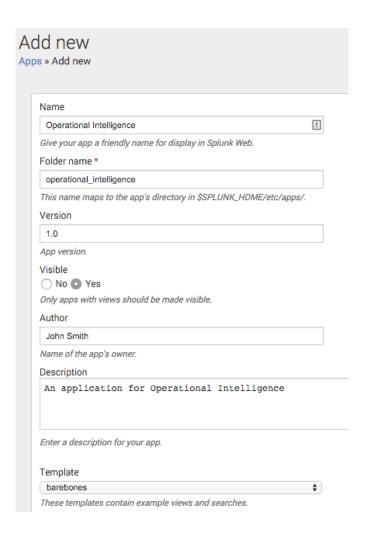
## User interface

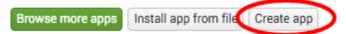
Create and edit views, dashboards, and navigation menus.











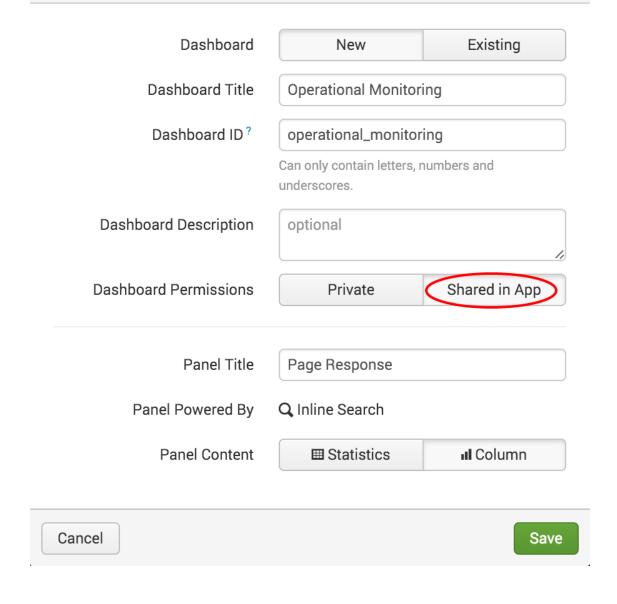


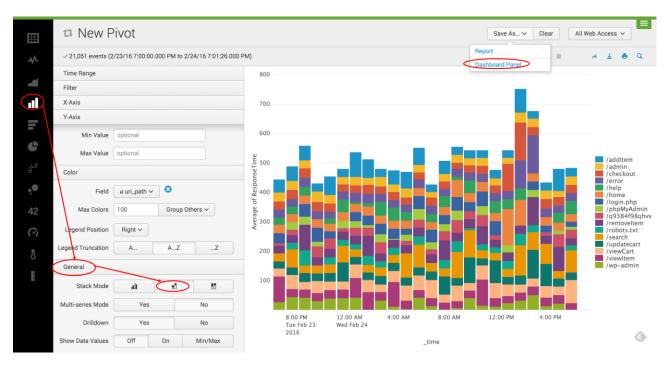
## **Chapter 5: Extending Intelligence – Data Models and Pivoting**

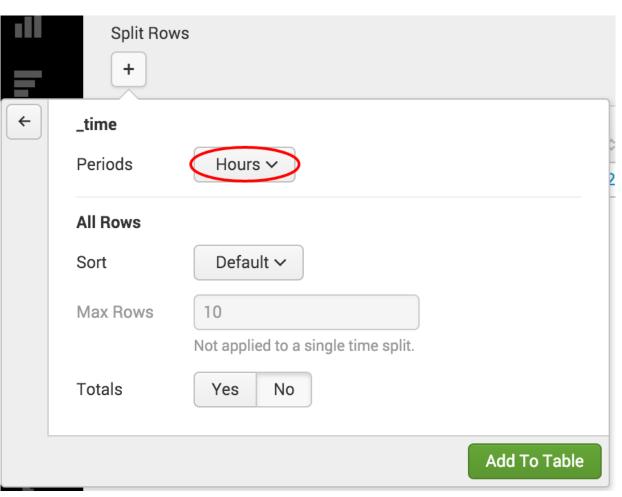


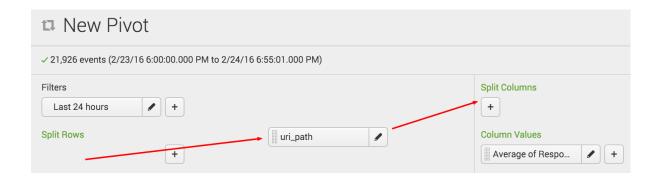
#### Save As Dashboard Panel

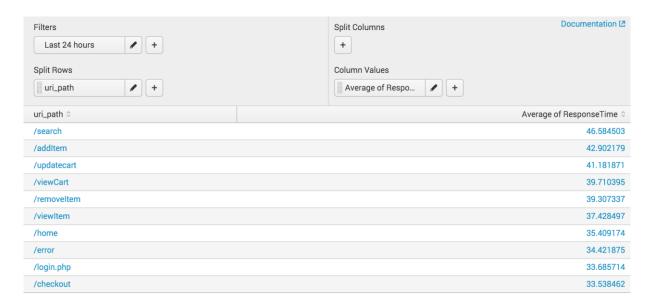
X

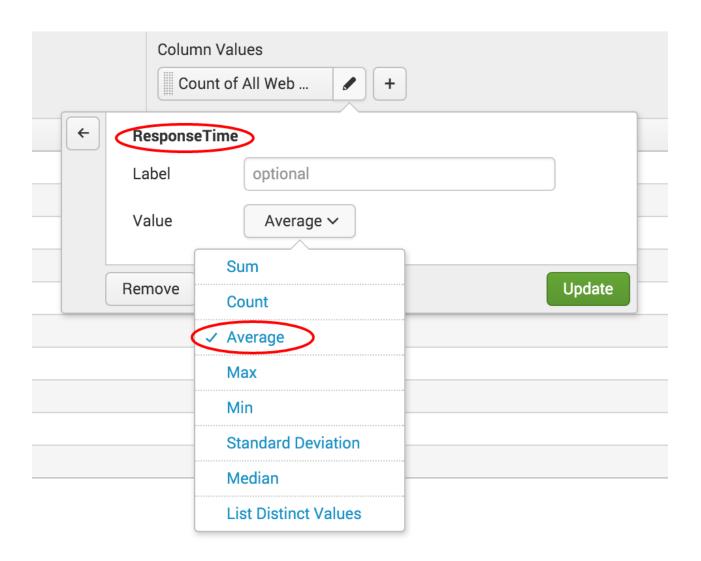


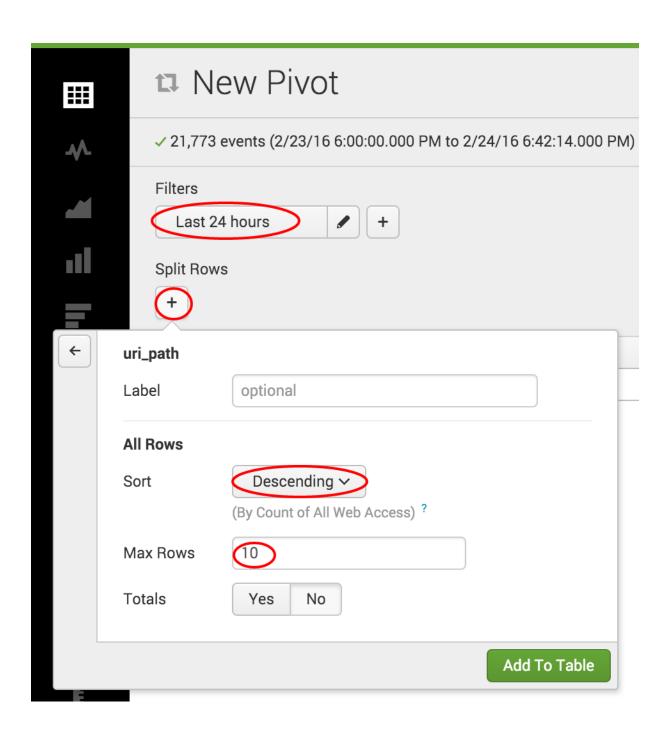


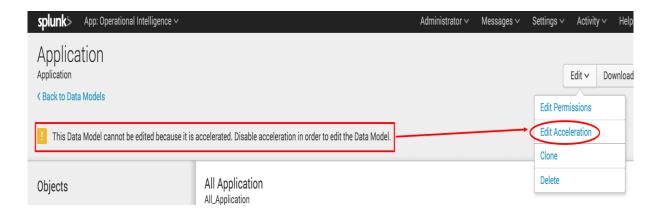


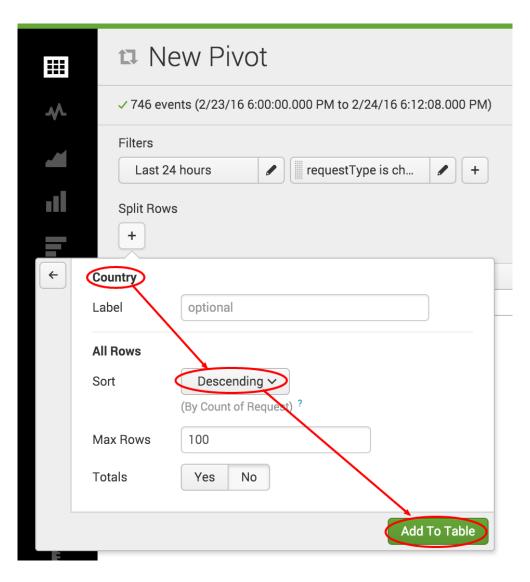


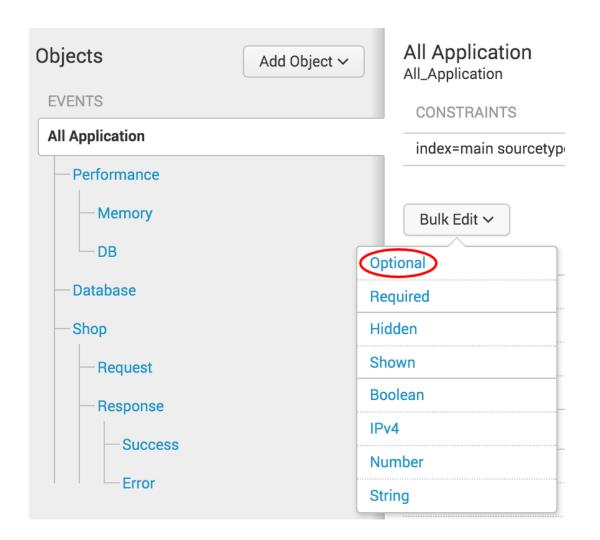




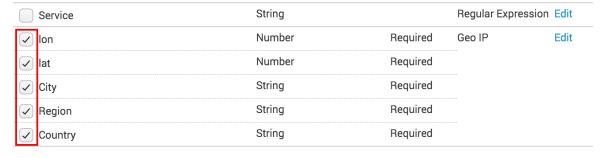


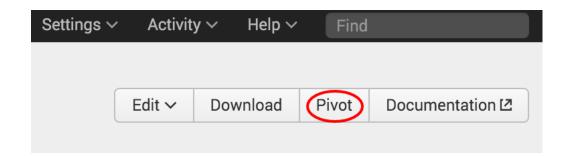


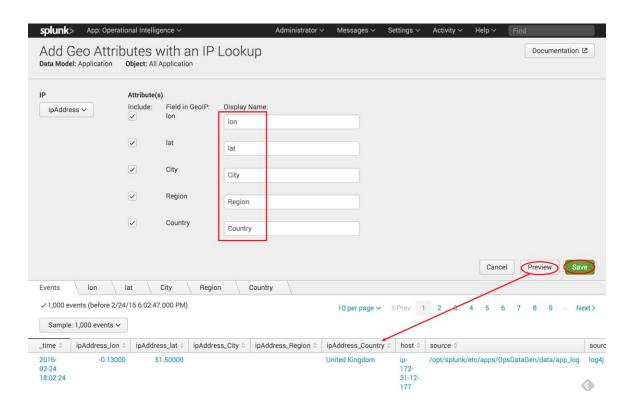


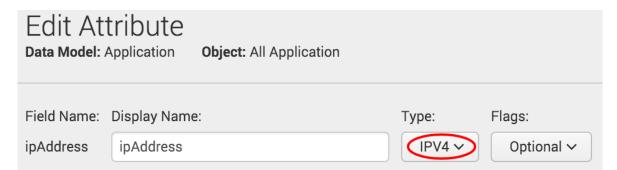


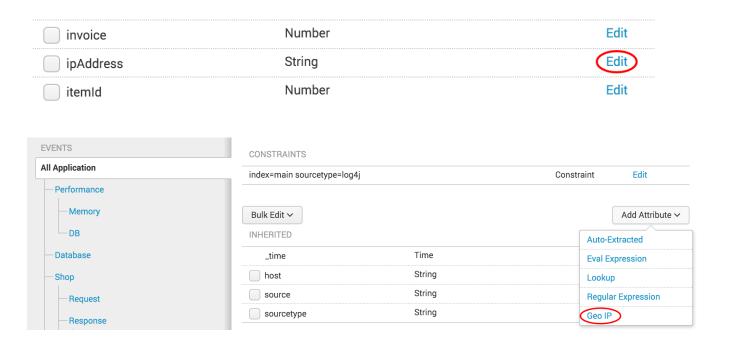
#### CALCULATED

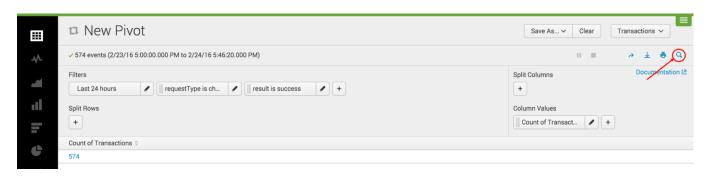




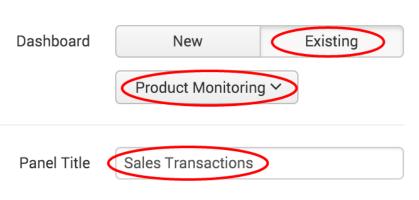








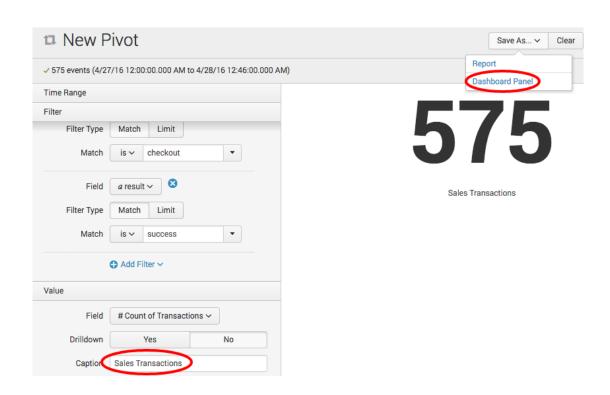
## Save As Dashboard Panel

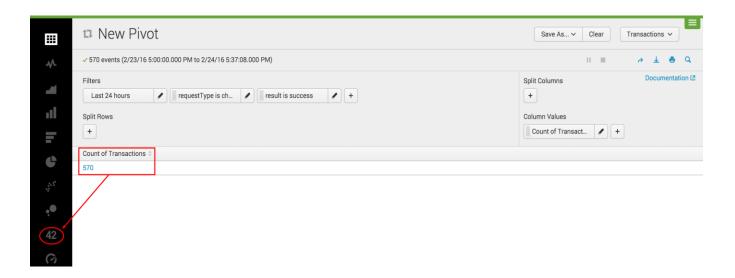


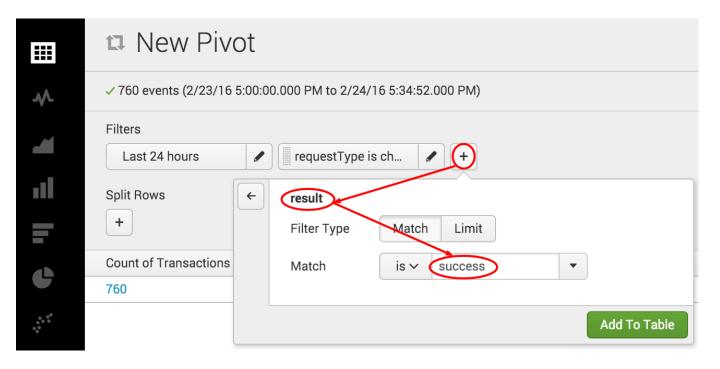
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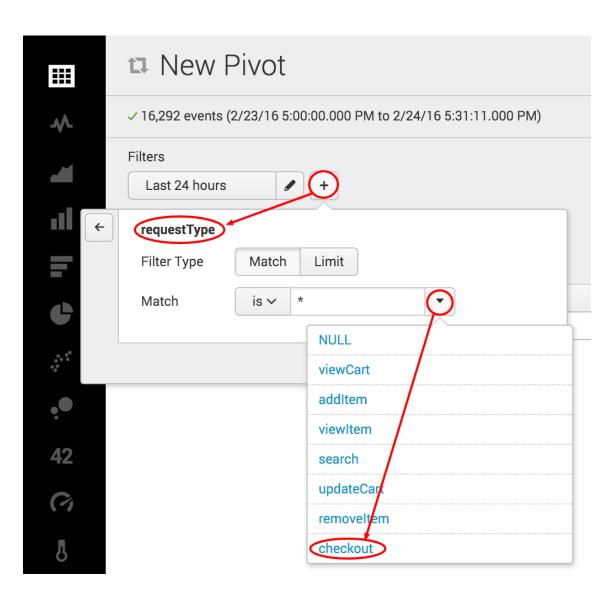
Panel Powered By Q Inline Search

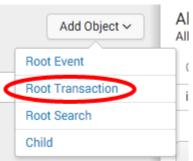
Cancel

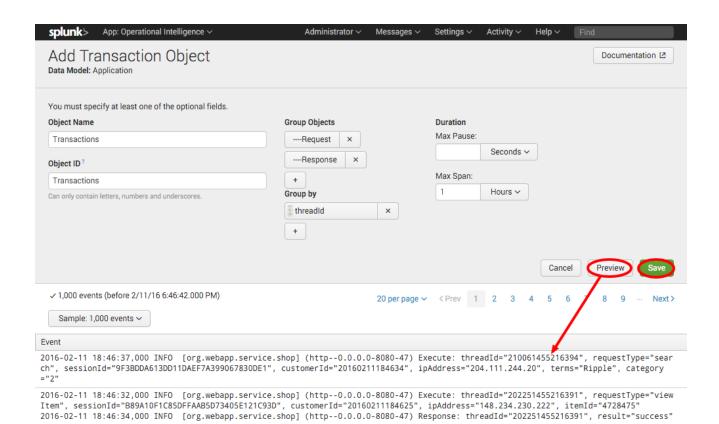






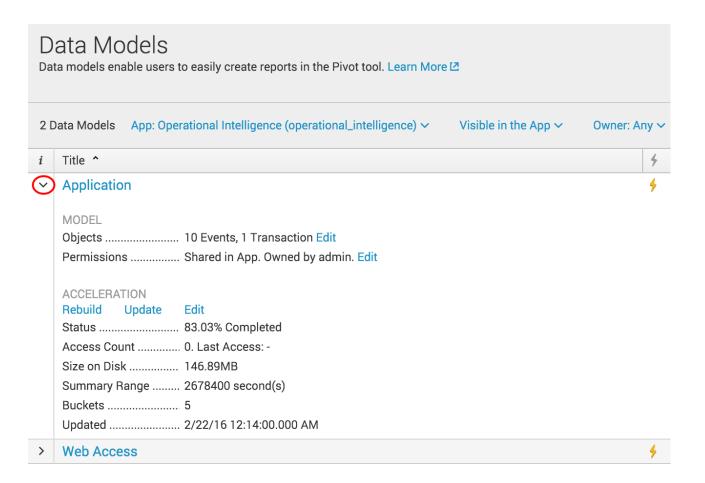


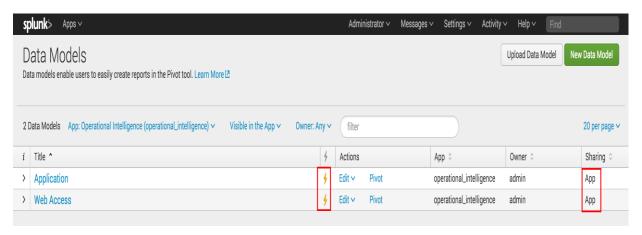




# Select a Data Object

i	11 Objects in Application		
>	All Application		
>	Performance		
>	Memory		
>	DB		
>	Database		
>	Shop		
>	Request		
>	Response		
>	Success		
>	Error		
> Transactions			





# **Edit Acceleration**

 $\times$ 

Data Model Application

Accelerate



Acceleration may increase storage and processing costs.

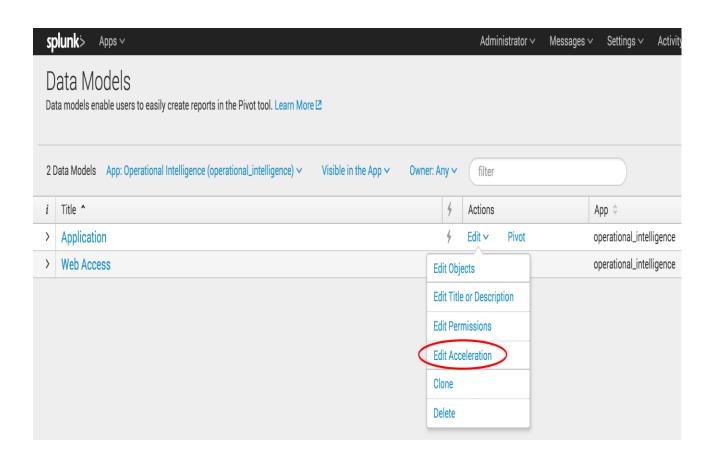
Summary Range?

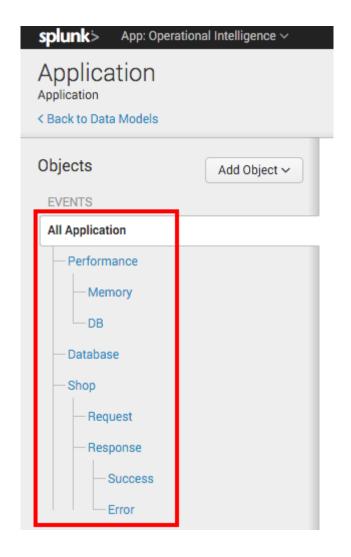


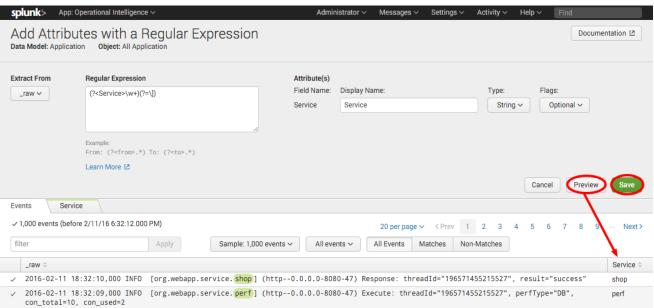
Cancel

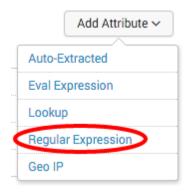
Save

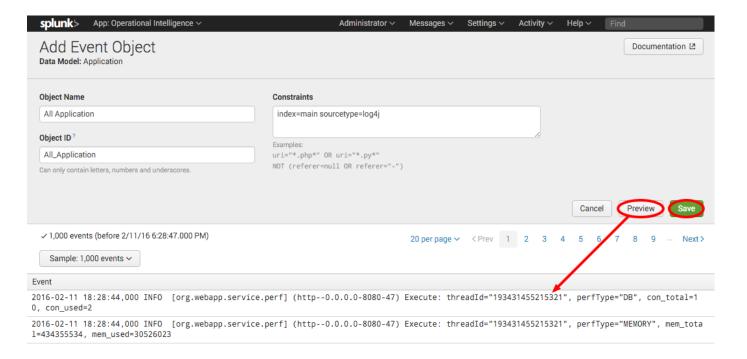
Edit Permissions			×
Data Model Owner	Application admin		
App Display For	operational_intelligence  Owner App	) All a	apps
F		Read	Write
Everyone admin			
can_delete			
power			
splunk-system-role			
user			
Cancel			Save

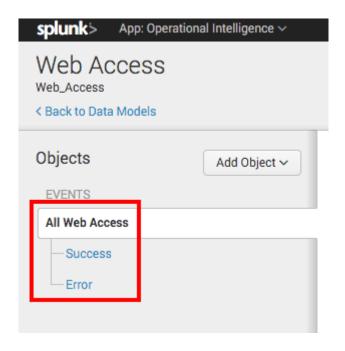


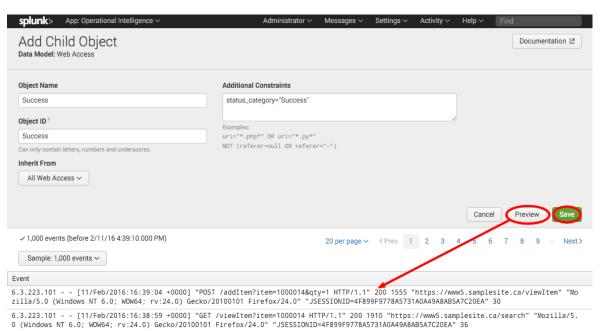




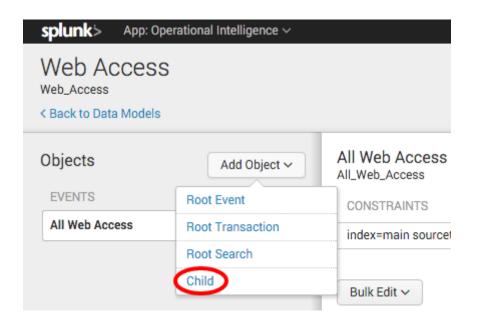


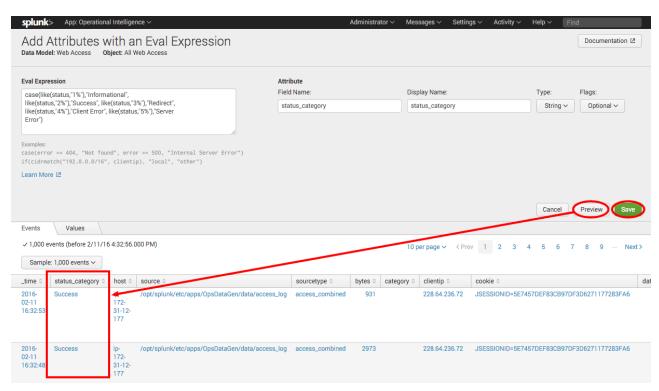




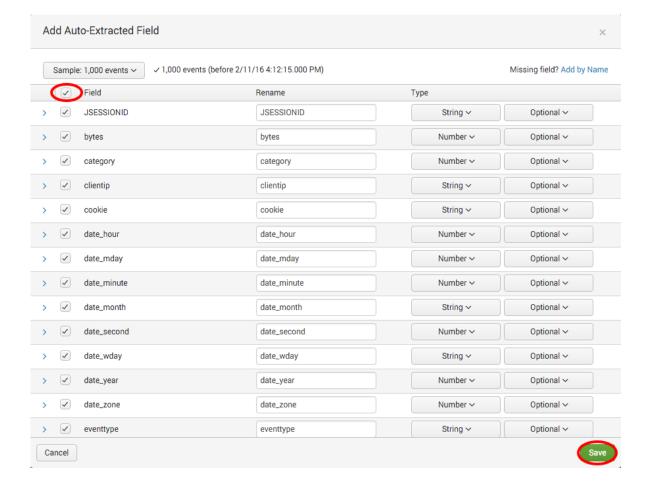


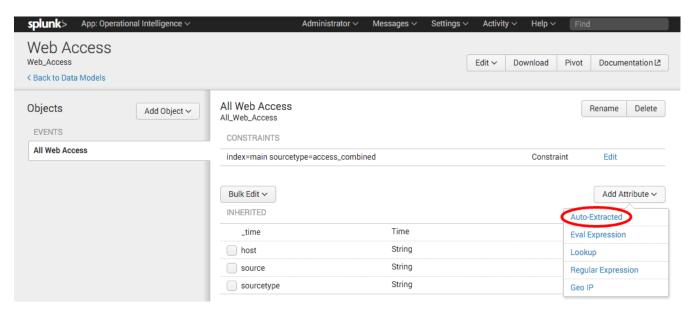
6.3.223.101 - [11/Feb/2016:16:38:54 +0000] "POST /search?terms=Hooble&category=3 HTTP/1.1" 200 1597 "https://www5.samplesite.ca/home" "Mozilla/5.0 (Windows NT 6.0; WOW64; rv:24.0) Gecko/20100101 Firefox/24.0" "JSESSIONID=4F899F9778A5731A0A49A8AB5A7C20EA" 22

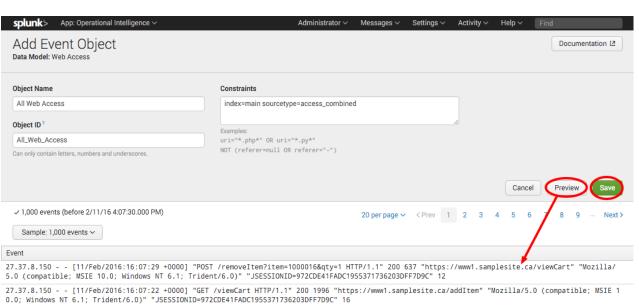


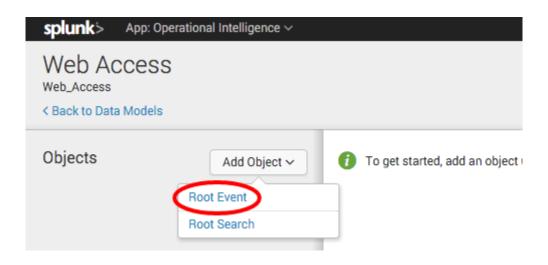


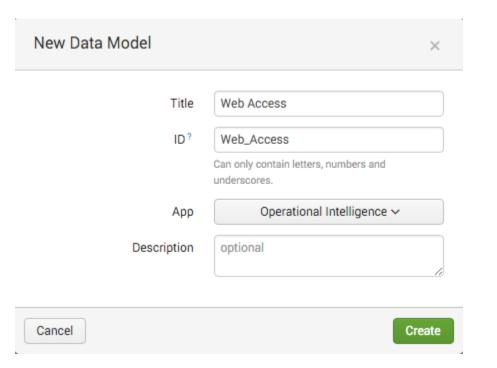


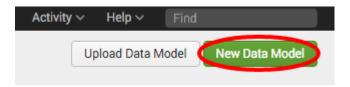


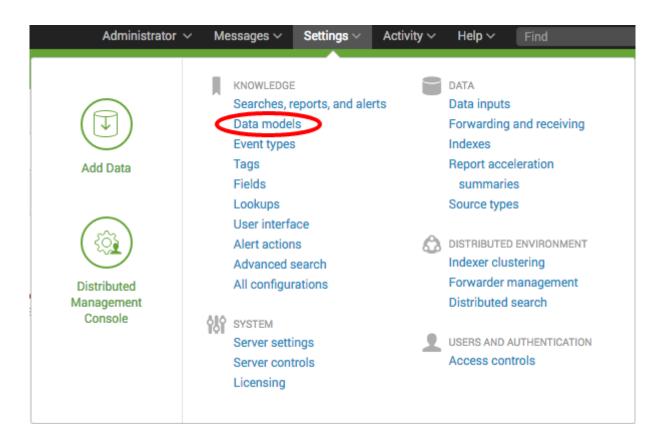


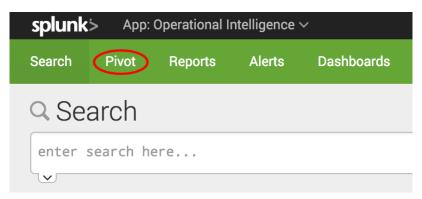




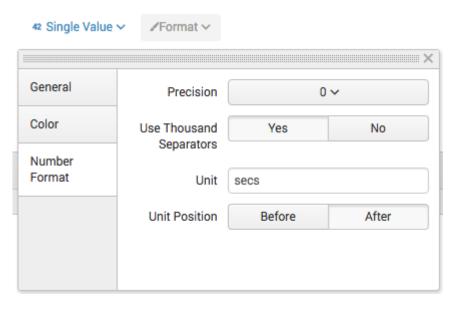


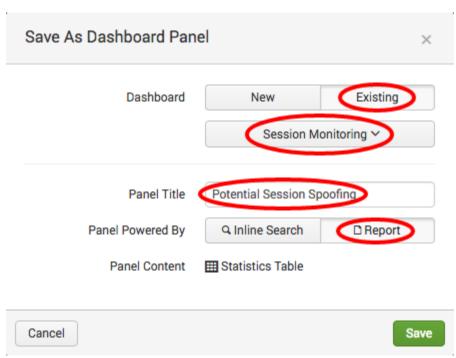


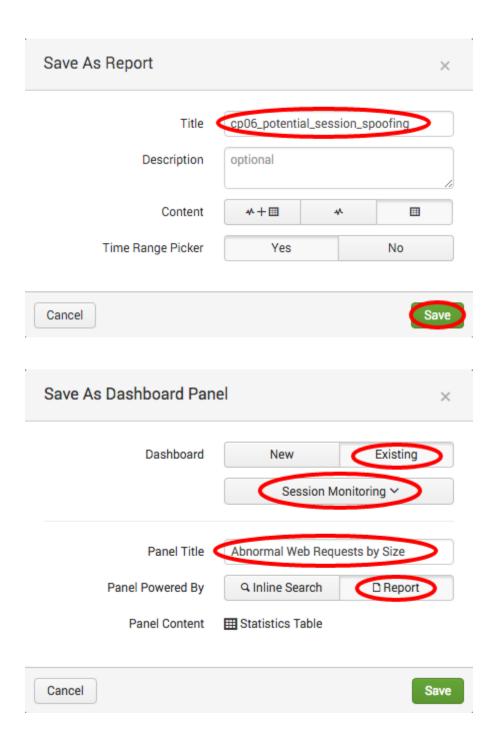




# **Chapter 6: Diving Deeper – Advanced Searching**

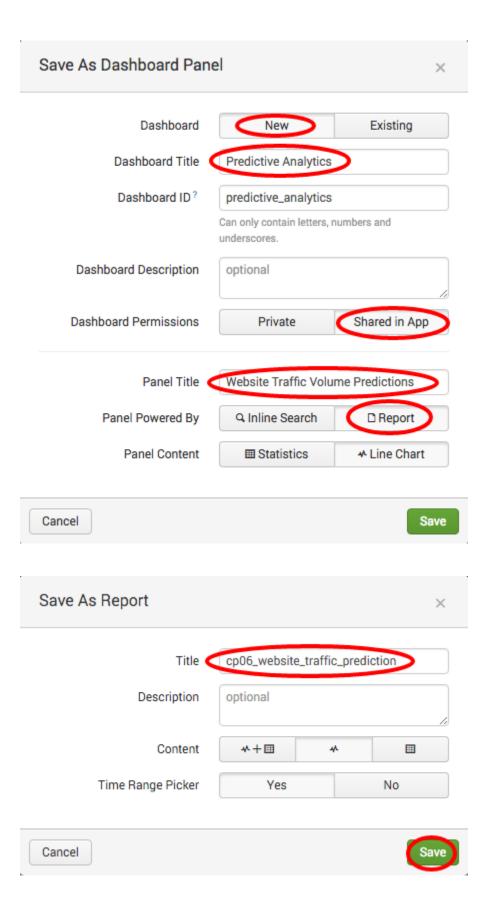


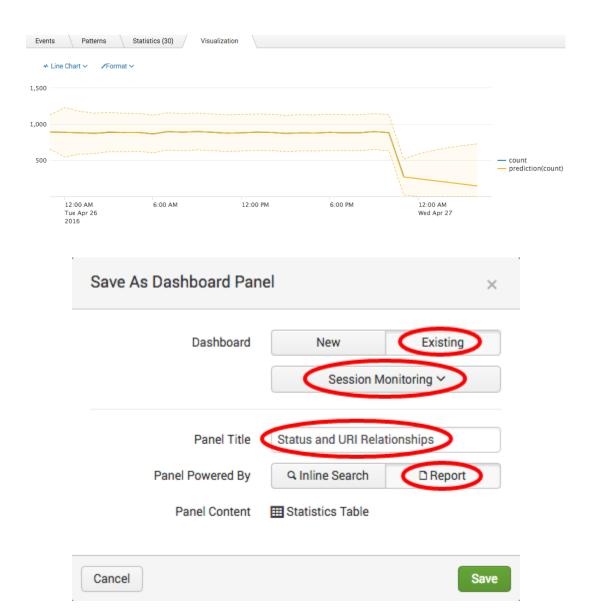


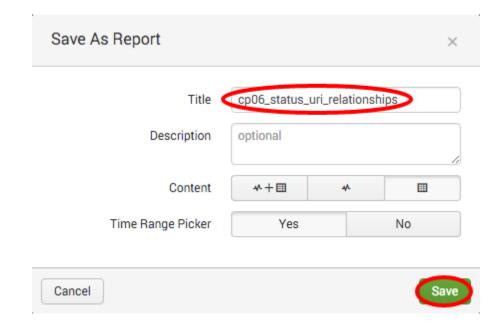


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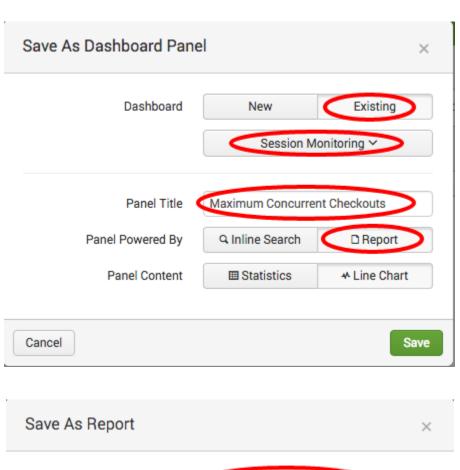
Events Patterns St	tatistics (680) Visualiza	tion				
20 Per Page V /Format V	Preview ~		< Prev 1	2 3 4	5 6 7 8	9 Next>
_time 0	clientip 0	uri 0		bytes 0	mean_bytes 0	Z_score 0
2016-03-01 02:10:18	18.168.104.117	/viewCart		549	1782.461153	-1.53
2016-03-01 02:06:40	63.55.62.159	/search?terms=Ripple&category=2		6475	1782.461153	5.80
2016-03-01 02:03:24	49.241.185.164	/addItem?item=38492&qty=1		561	1782.461153	-1.51
2016-03-01 02:03:03	189.99.212.41	/home		528	1782.461153	-1.55
2016-03-01 02:01:50	238.135.6.242	/viewCart		553	1782.461153	-1.52
2016-03-01 01:59:29	156.225.142.204	/home		517	1782.461153	-1.56
2016-03-01 01:58:42	39.248.239.203	/home		544	1782.461153	-1.53
2016-03-01 01:58:23	122.204.137.114	/removeItem?item=1000020&qty=1		556	1782.461153	-1.52
2016-03-01 01:57:35	122.217.160.232	/viewCart		555	1782.461153	-1.52
2016-03-01 01:54:47	114.168.173.212	/viewCart		553	1782.461153	-1.52
2016-03-01 01:53:42	109.198.186.156	/addItem?item=4728475&qty=1		562	1782.461153	-1.51
2016-03-01 01:49:37	35.47.168.246	/updatecart?orderId=1456796935&item=1000015&qty=20		517	1782.461153	-1.56
2016-03-01 01:48:45	197.63.182.4	/updatecart?orderId=1456796873&item=1000015&qty=2		526	1782.461153	-1.55
2016-03-01 01:44:19	166.236.9.58	/removeItem?item=1000020&qty=1		537	1782.461153	-1.54
2016-03-01 01:43:50	2.41.134.88	/error		512	1782.461153	-1.57

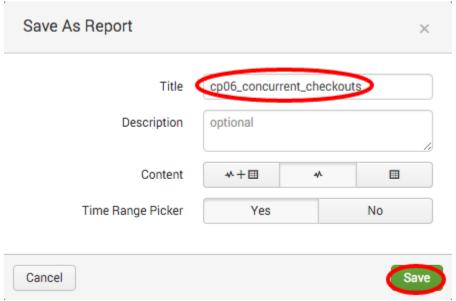


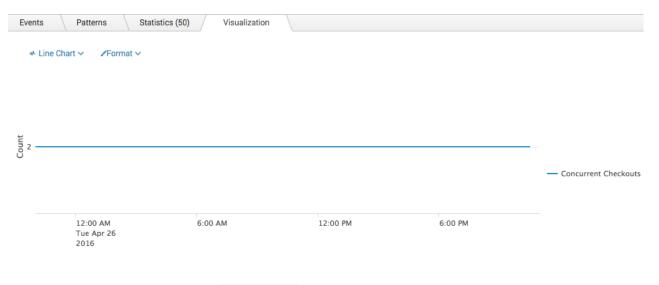


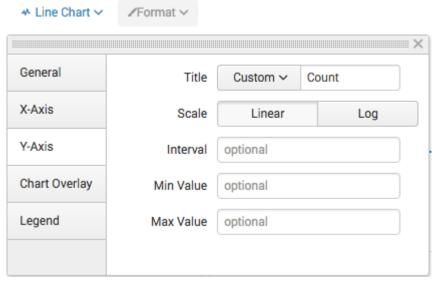


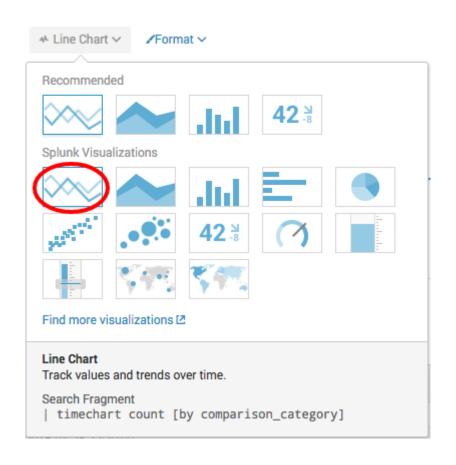
Events Patterns Statistics (11) Visualization				
20 Per Page V /Format V Preview V				
Description 0	Reference_Key 0	Reference_Value 0	Target_Key 0	Top_Conditional_Value 0
When 'status' has the value '403', the entropy of 'uri' decreases from 5.305 to 0.000.	status	403	uri	/admin (15.39% -> 100.00%)
When 'status' has the value '404', the entropy of 'uri' decreases from 5.305 to 2.556.	status	404	uri	/wp-admin (1.76% -> 22.80%)
When 'status' has the value '503', the entropy of 'uri' decreases from 5.305 to 0.000.	status	503	uri	/additem (23.14% -> 100.00%)
When 'uri' has the value '/additem', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/additem	status	503 (23.14% -> 100.00%)
When 'uri' has the value '/additem?item=1000016&qty=1', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/addItem?item=1000016&qty=1	status	302 (53.76% -> 100.00%)
When 'uri' has the value '/additem?item=1000020&qty=1', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/addItem?item=1000020&qty=1	status	302 (53.76% -> 100.00%)
When 'uri' has the value '/additem?item=38492&qty=1', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/addItem?item=38492&qty=1	status	302 (53.76% -> 100.00%)
When 'uri' has the value '/admin', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/admin	status	403 (15.39% -> 100.00%)
When 'uri' has the value '/removeltem?item=1000016&qty=1', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/removeItem?item=1000016&qty=1	status	302 (53.76% -> 100.00%)
When 'uri' has the value '/removeltem?item=1000020&qty=1', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/removeItem?item=1000020&qty=1	status	302 (53.76% -> 100.00%)
When 'uri' has the value '/removeltem?item=38492&qty=1', the entropy of 'status' decreases from 1.671 to 0.000.	uri	/removeItem?item=38492&qty=1	status	302 (53.76% -> 100.00%)

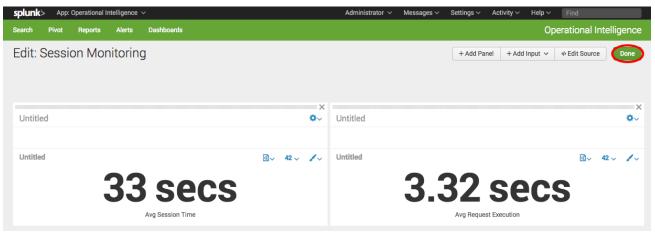


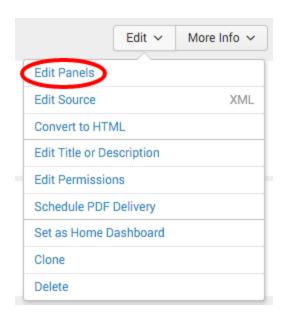


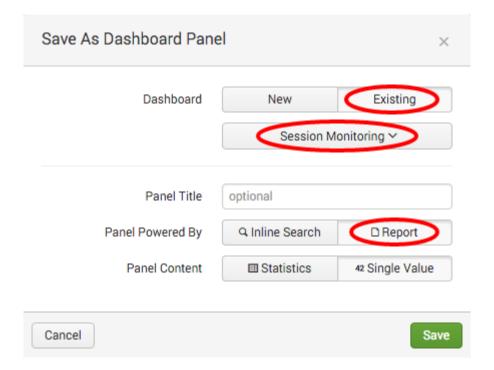


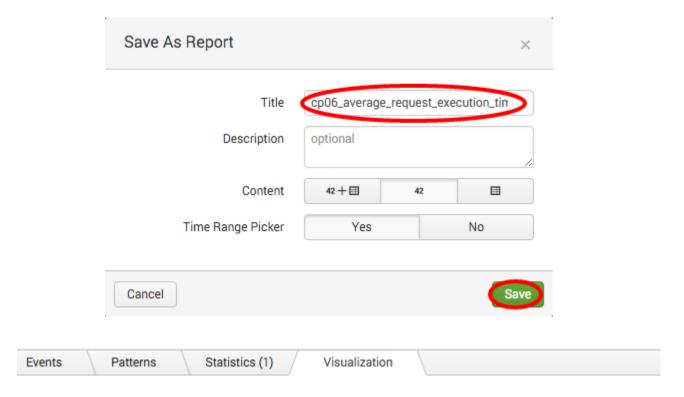






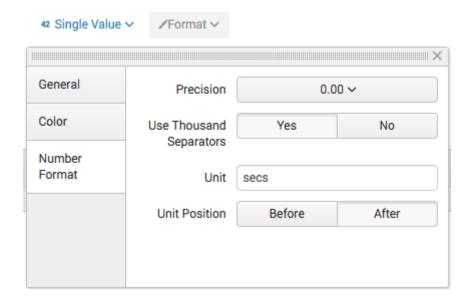


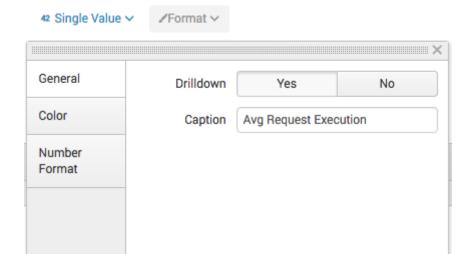


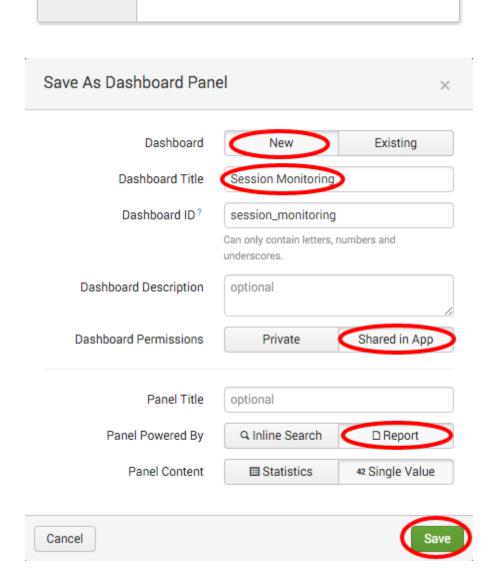


# **3.32 secs**

Avg Request Execution







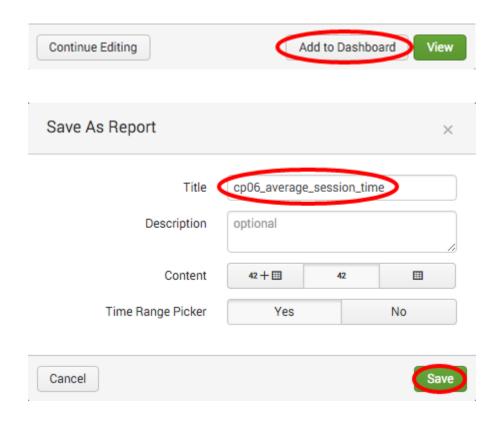
# Your Report Has Been Created

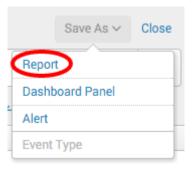
×

You may now view your report, add it to a dashboard, change additional settings, or continue editing it.

## Additional Settings:

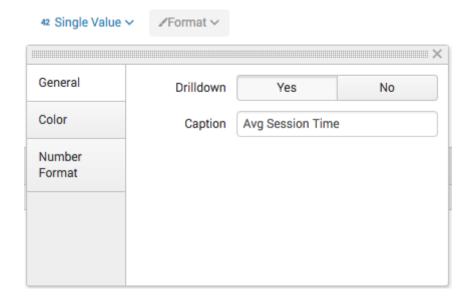
- Permissions
- Schedule
- Acceleration
- Embed

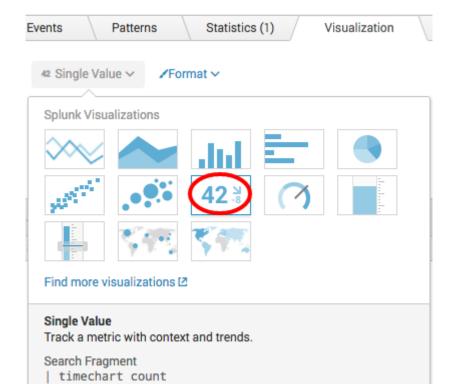




# 33 secs

Avg Session Time

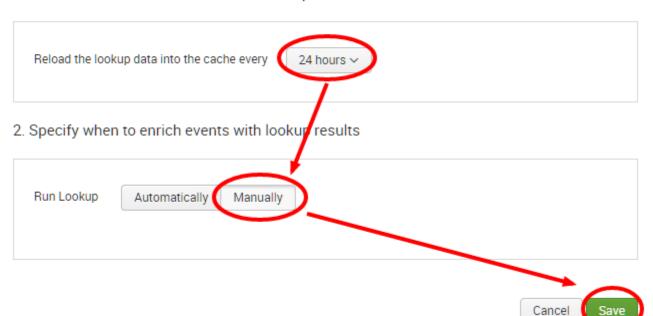




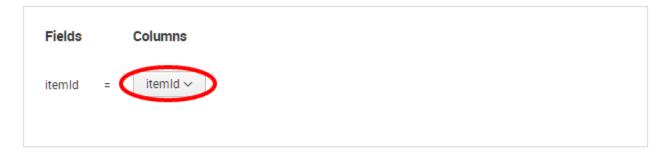
# **Chapter 7: Enriching Data – Lookups and Workflows**

Finalize your Lookup6 of 6

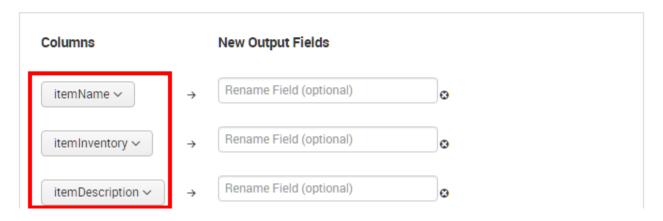
1. Choose how often to reload the DB lookup data into the cache



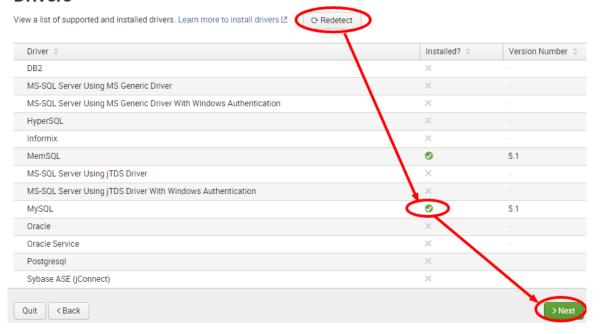
1. Map your Splunk Fields to your database columns



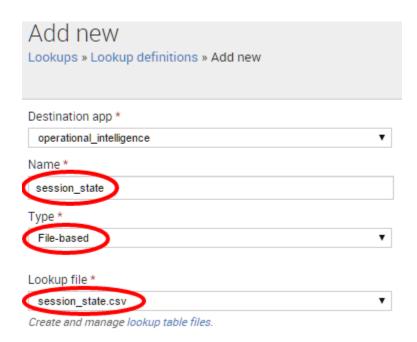
2. Output your database columns to New Splunk Fields

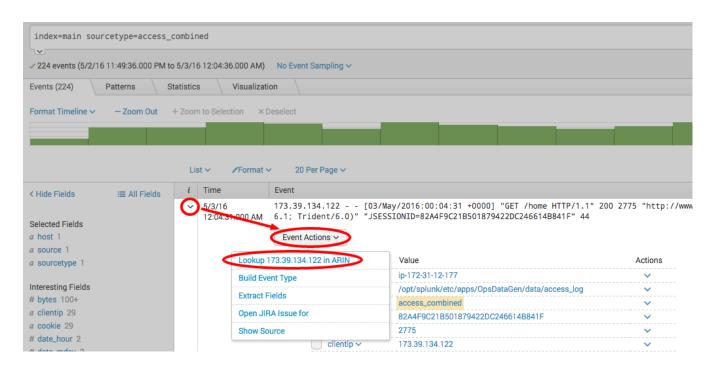


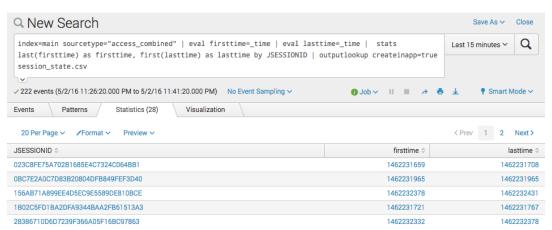
## **Drivers**



# Session\_state Lookups » Lookup definitions » session\_state Type \* KV Store Collection Name session\_state Specify the collection name to use (as defined in collections.conf) for this lookup. Defaults to the lookup name. Supported fields \* key, J ESSIONID, firsttime, lasttime A comma-delimited list of the fields supported by the collection.





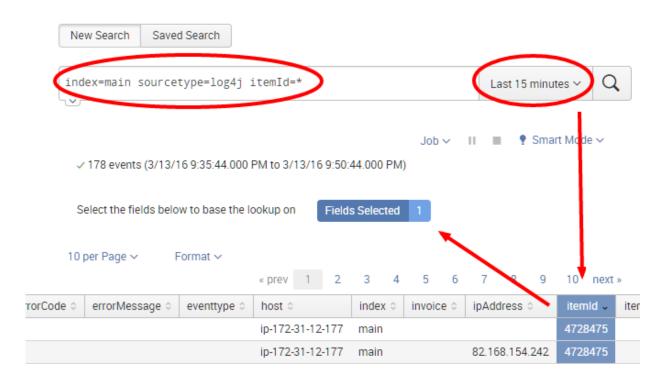


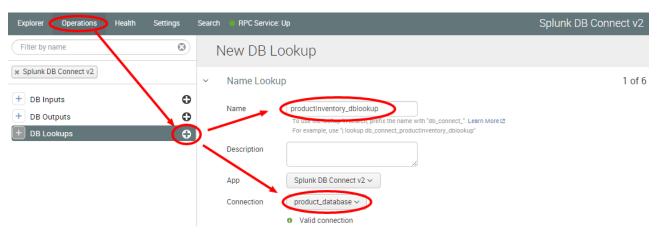
## Choose and Preview Table

2 of 6

Choose the Splunk Fields to Base the Lookup on

3 of 6

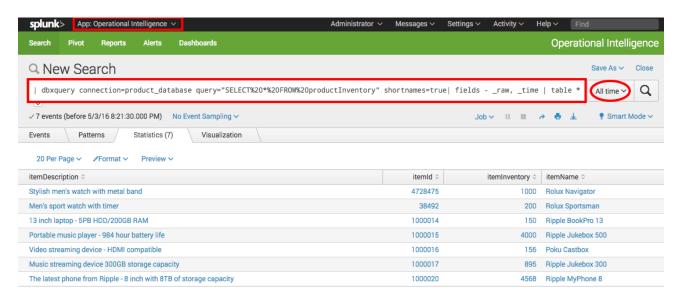


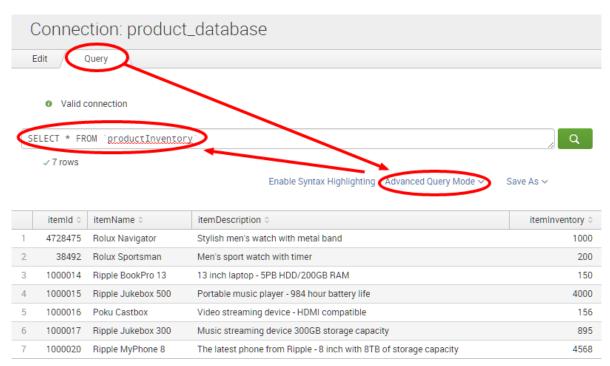


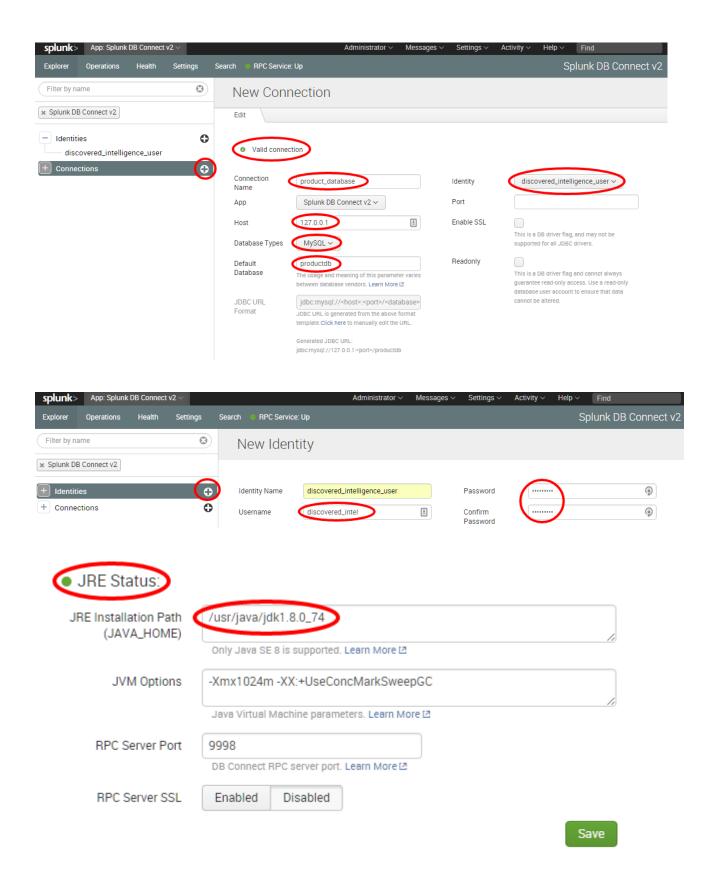
Edit Schedule Report generate\_productInventory\_dblookup Schedule Report Learn More ☑ Run every day 🗸 Schedule 0:00 ~ Time Range All time ▶ Schedule Window? No window ∨ Cancel Next Save As Report generate\_productInventory\_dblookup Description optional Content Time Range Picker Yes No

Save

Cancel







# Welcome to DB Connect!



Explorer

Manage Connections and Identities



Health

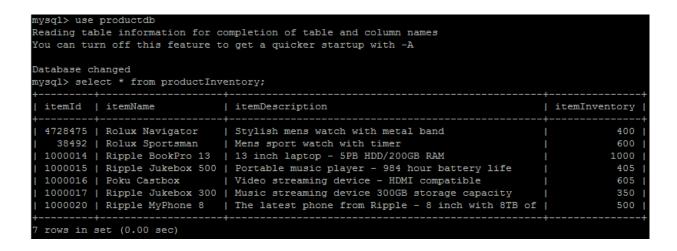
Monitor Connection Health



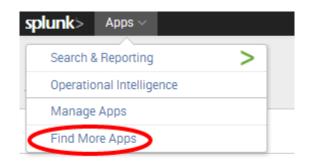
Operations

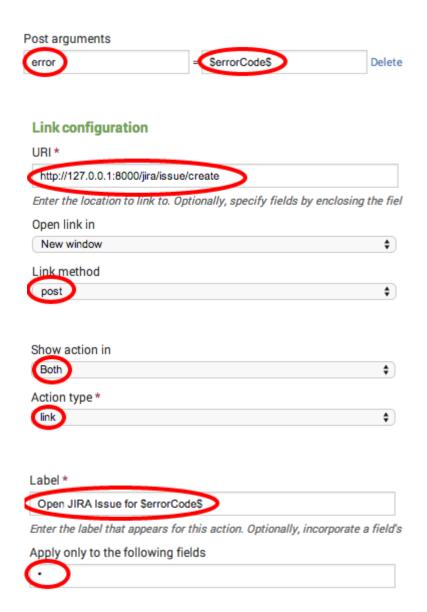
Configure Inputs, Outputs and Lookups

DB Connect requires some basic settings to work properly. Skip Setup

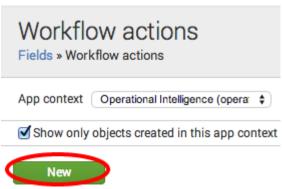












## Fields

View, edit, and set permissions on field extractions. Define event workflow actions

### Type

### Field aliases

Edit or add one or more aliases to field names

### **Calculated fields**

Edit or add one or more calculated fields

### Field extractions

View and edit all field extractions. Add new field extractions and update permissions.

### Field transformations

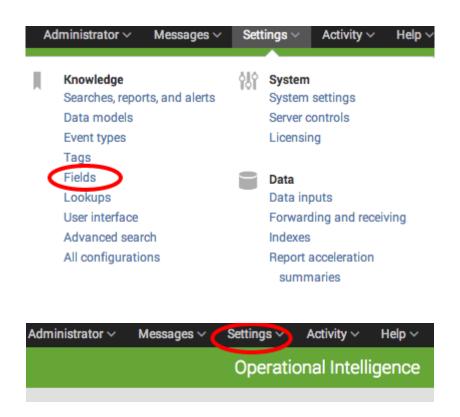
Edit or add transformations for field extractions that use a transform.

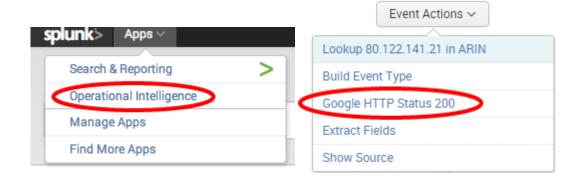
### Sourcetype renaming

Rename a source type. Multiple source types can share the same name.

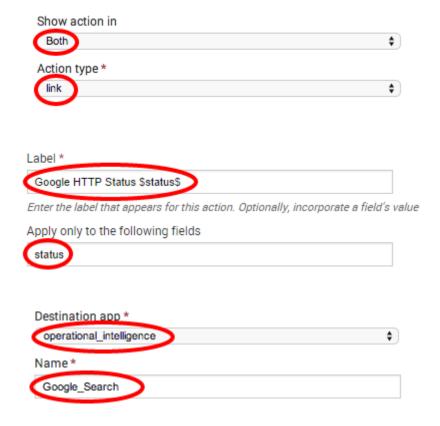
### **Workflow actions**

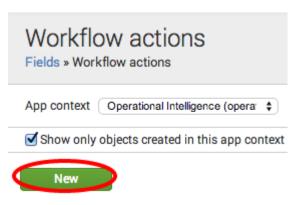
Edit or add monkhow actions











### **Fields**

View, edit, and set permissions on field extractions. Define event workflow actions

#### Type

#### Field aliases

Edit or add one or more aliases to field names

#### **Calculated fields**

Edit or add one or more calculated fields

### Field extractions

View and edit all field extractions. Add new field extractions and update permissions.

### Field transformations

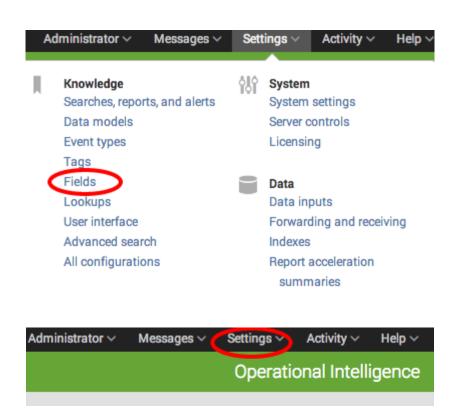
Edit or add transformations for field extractions that use a transform.

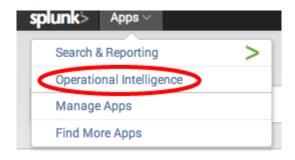
### Sourcetype renaming

Rename a source type. Multiple source types can share the same name.

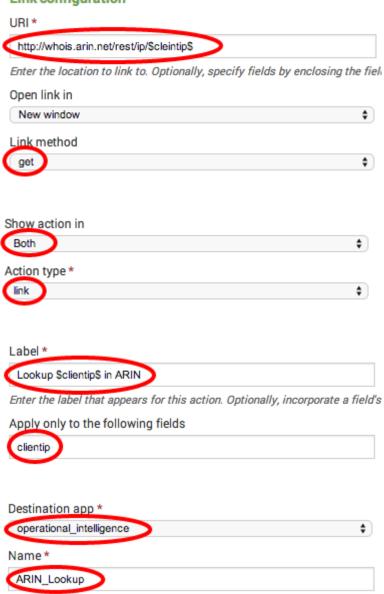
### Workflow actions

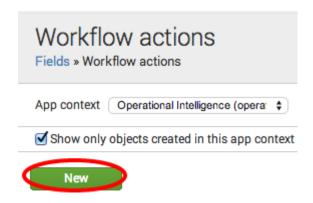
East or add markflow actions





### Link configuration





## Fields

View, edit, and set permissions on field extractions. Define event workflow actions

### Type

### Field aliases

Edit or add one or more aliases to field names

#### **Calculated fields**

Edit or add one or more calculated fields

### Field extractions

View and edit all field extractions. Add new field extractions and update permissions.

### Field transformations

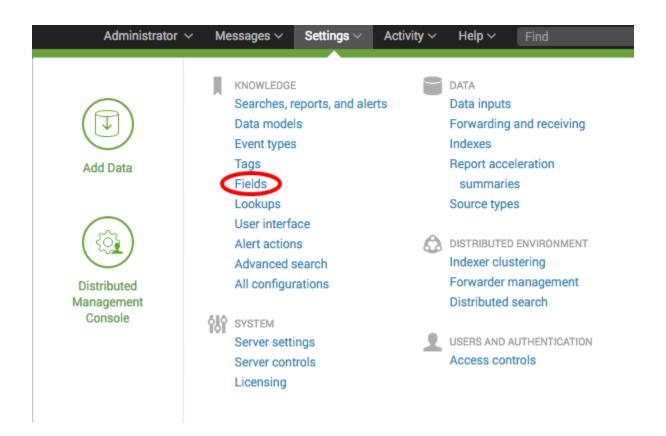
Edit or add transformations for field extractions that use a transform.

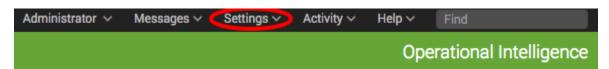
### Sourcetype renaming

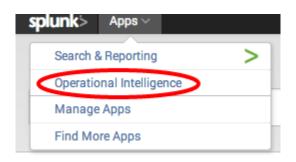
Rename a source type. Multiple source types can share the same name.

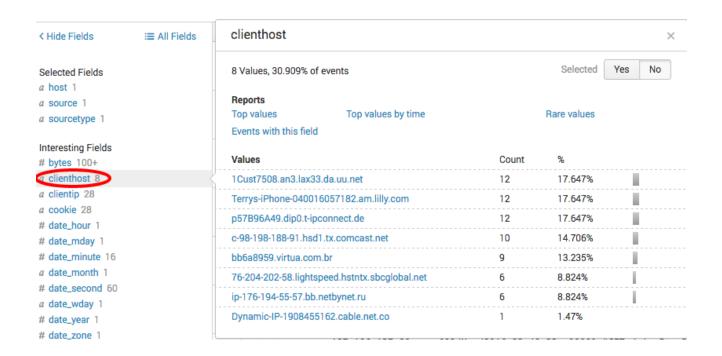
### **Workflow actions**

East or add markflow actions

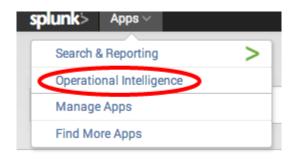




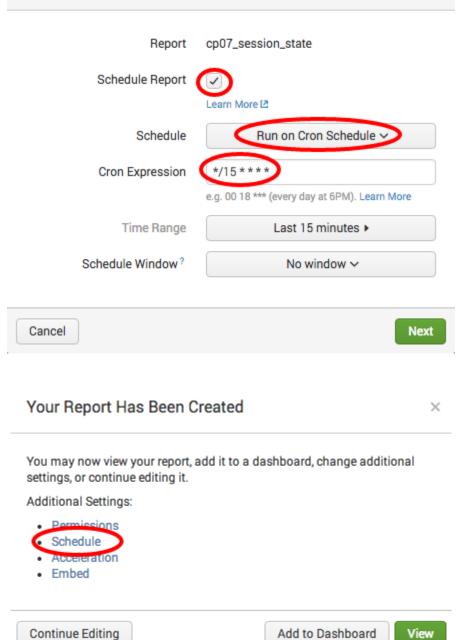


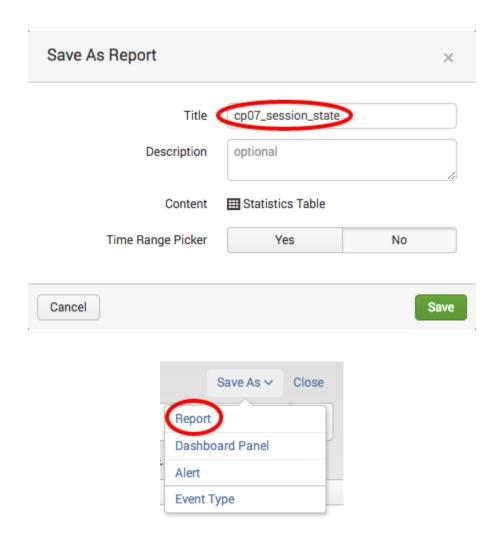


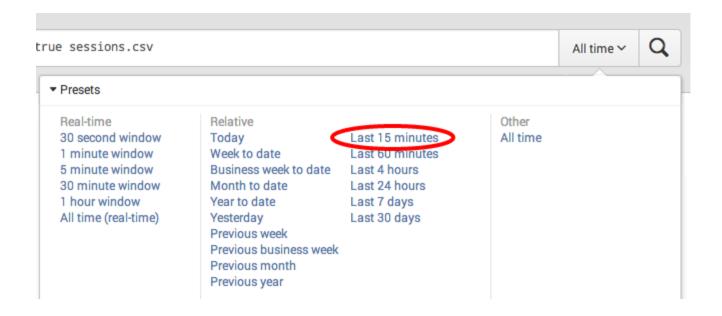




Edit Schedule ×

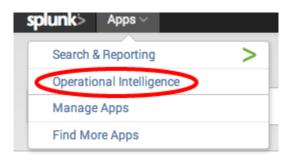


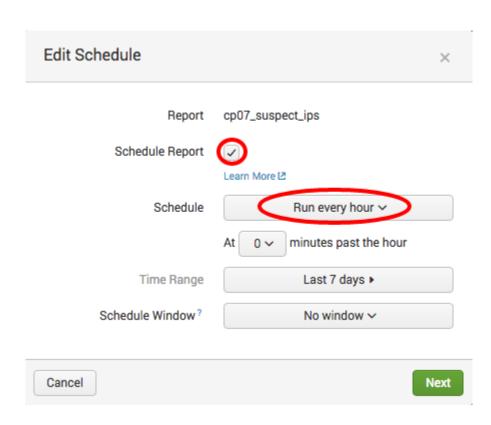




### Q Search

index=main sourcetype="access\_combined" | table \_time JSESSIONID | inputlookup sessions.csv append=true | sort \_time | dedup 1 JSESSIONID | outputlookup createinapp=true sessions.csv





Save

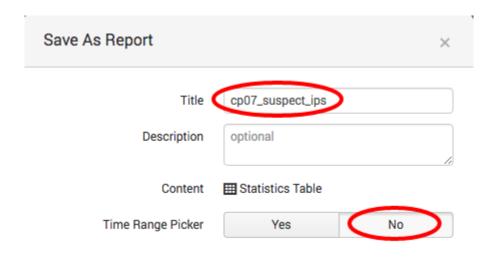
You may now view your report, add it to a dashboard, change additional settings, or continue editing it.

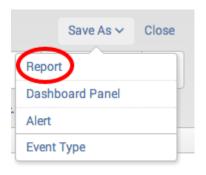
Additional Settings:

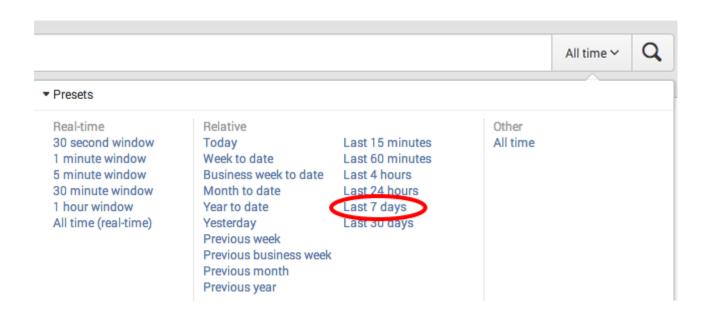


Cancel



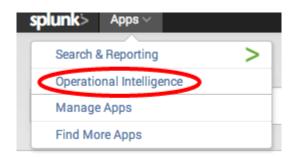


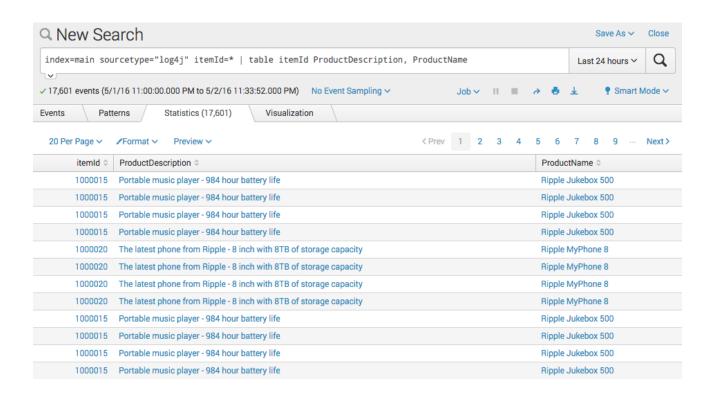




## Q Search

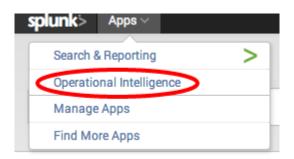
index=main sourcetype="access\_combined" status=403 | stats count by clientip | outputlookup createinapp=true mailiciousip.csv



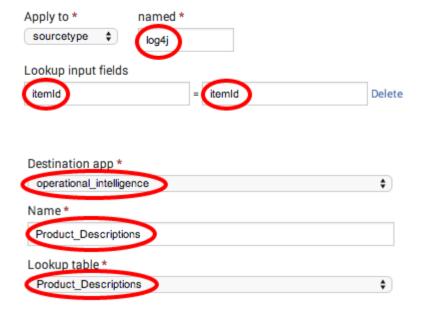


### Q New Search

index=main sourcetype="log4j" itemId=\* | table itemId ProductDescription, ProductName









### Lookup table files

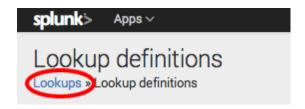
List existing lookup tables or upload a new file.

### Lookup definitions

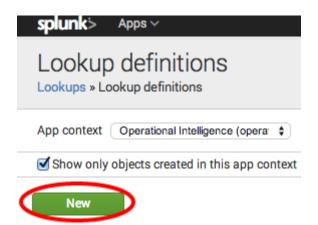
Edit existing lookup definitions or define a new file-based or external lookup.

### Automatic lookups

Edit existing automatic lookups or configure a new lookup to run automatically.







### Lookup table files

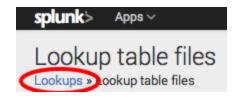
List existing lookup tables or upload a new file.

### Lookup definitions

East existing lookup definitions or define a new file-based or external lookup.

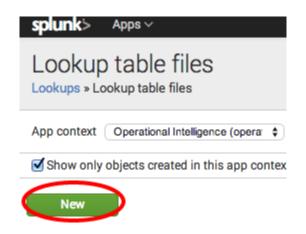
### **Automatic lookups**

Edit existing automatic lookups or configure a new lookup to run automatically.



# 

Select either a plaintext CSV file or a gzipped CSV file. The maximum file size that can be uploaded through the browser is 500MB.



### Lookup table files

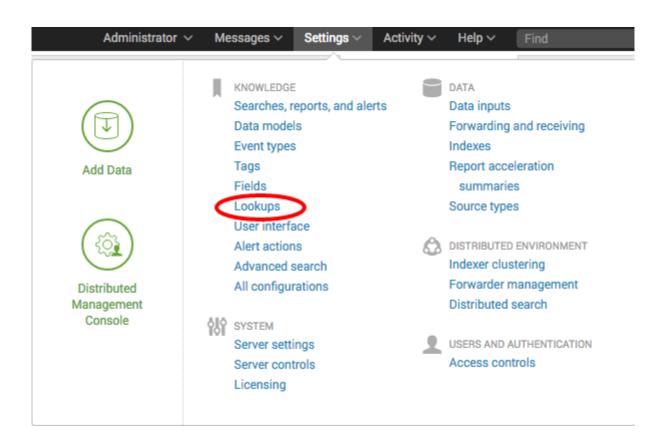
List existing lookup tables or upload a new file.

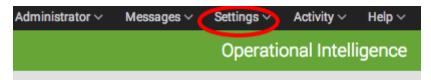
### Lookup definitions

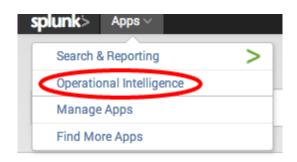
Edit existing lookup definitions or define a new file-based or external lookup.

### **Automatic lookups**

Edit existing automatic lookups or configure a new lookup to run automatically.







# **Chapter 8: Being Proactive – Creating Alerts**

Search name ‡	RSS feed \$	Scheduled time ‡		
cp08_abnormal_purchase		2016-03-30 07:58:00 UTC		
cp08_abnormal_webpage_response		2016-03-30 08:15:00 UTC		
cp08_predict_sales_inventory		2016-03-30 08:00:00 UTC		
cp08_realtime_checkout_error		2016-03-30 07:58:00 UTC		
cp08_webserver_failure_script		2016-03-30 07:58:00 UTC		

Add to RSS



The RSS link is available in Settings > Searches, reports, and alerts.

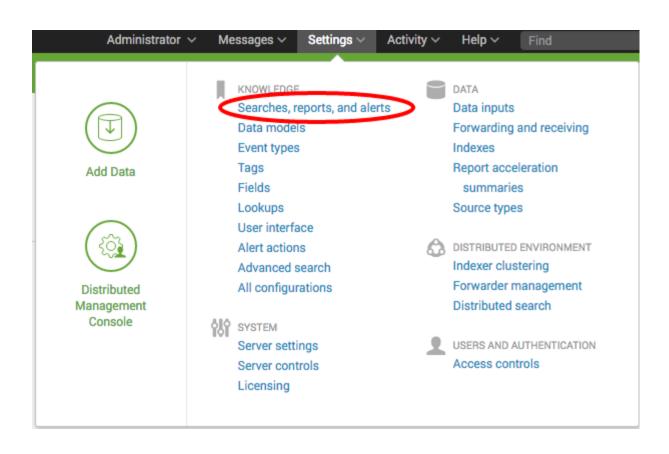
Run a script

Enable

List in Triggered Alerts

Enable

Triggered Alerts are available in Activity located in the upper right navigation.







### splunk@ip-172-31-12-177.us-west-2.compute.internal

to

The alert condition for 'cp08\_predict\_sales\_inventory' was triggered.

Alert: cp08\_predict\_sales\_inventory

Trigger Time: 07:45:01 on March 30, 2016.

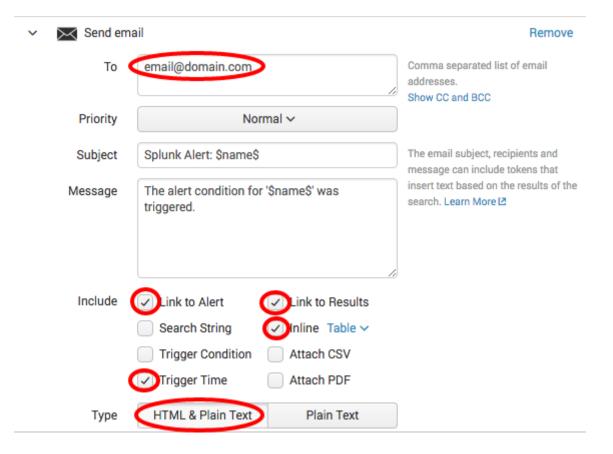
#### View results in Splunk

itemId	origInventory	Sales	currentInventory	salesRate	predictSales	predictInventory
1000014	1000	1281	-281	160.125000	3843	-4124
1000015	405	919	-514	114.875000	2757	-3271
1000016	605	342	263	42.750000	1026	-763
1000020	500	247	253	30.875000	741	-488
38492	600	551	49	68.875000	1653	-1604
4728475	400	1882	-1482	235.250000	5646	-7128

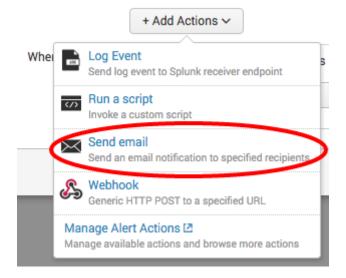
If you believe you've received this email in error, please see your Splunk administrator.

splunk > the engine for machine data





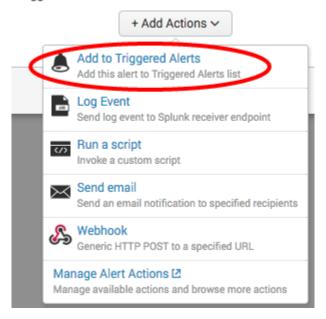
### **Trigger Actions**

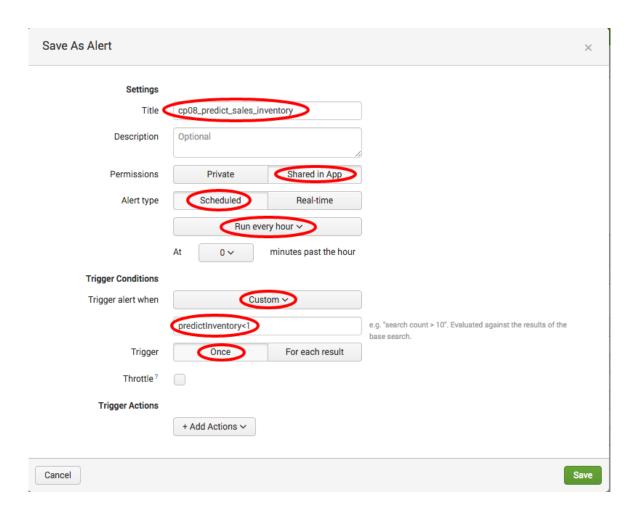


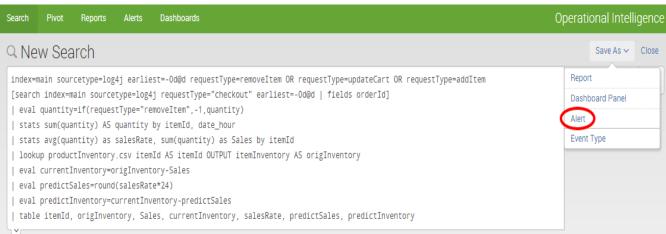


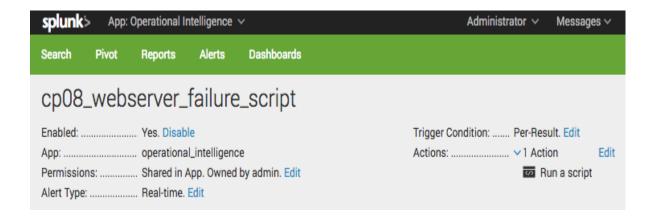


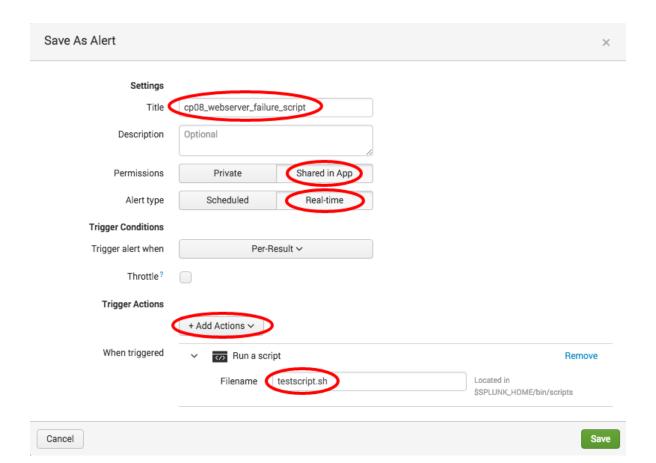
### **Trigger Actions**

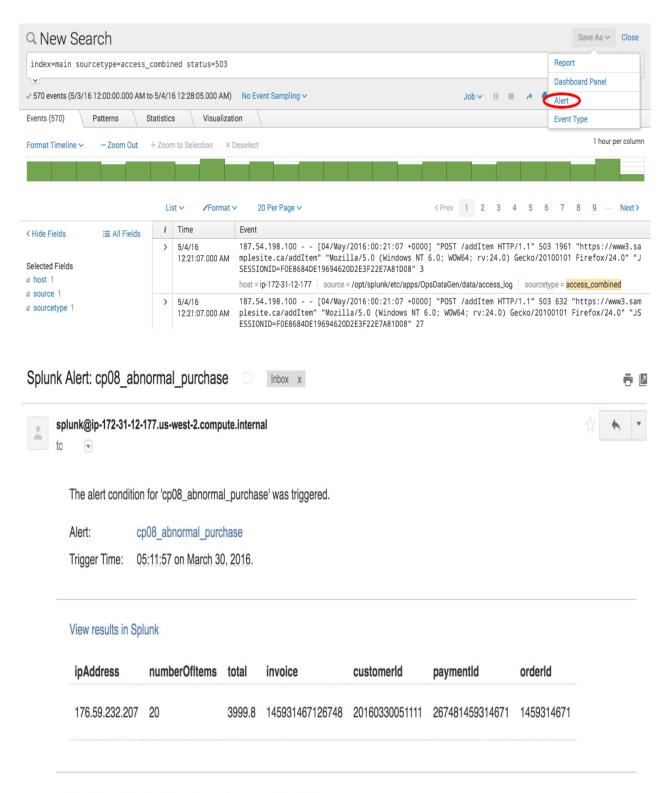






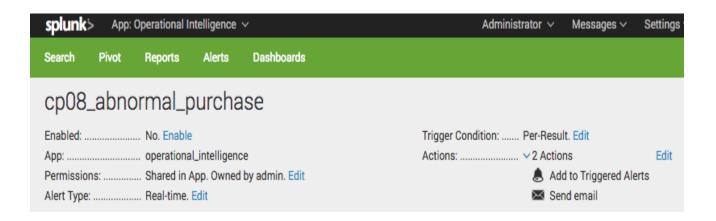


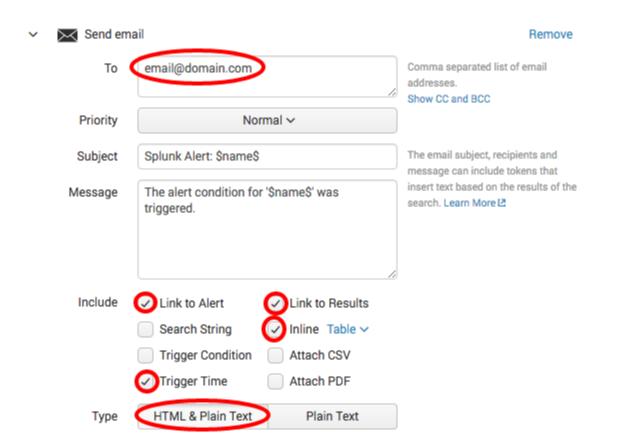




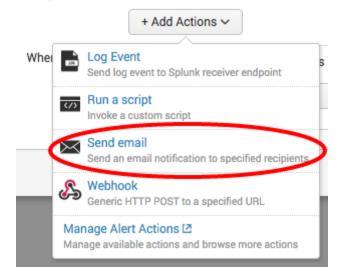
If you believe you've received this email in error, please see your Splunk administrator.

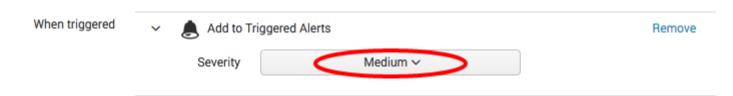
splunk > the engine for machine data



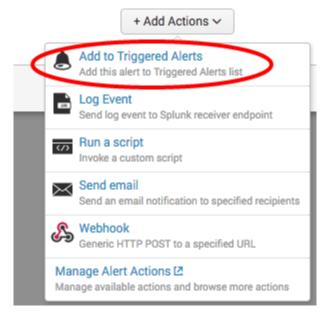


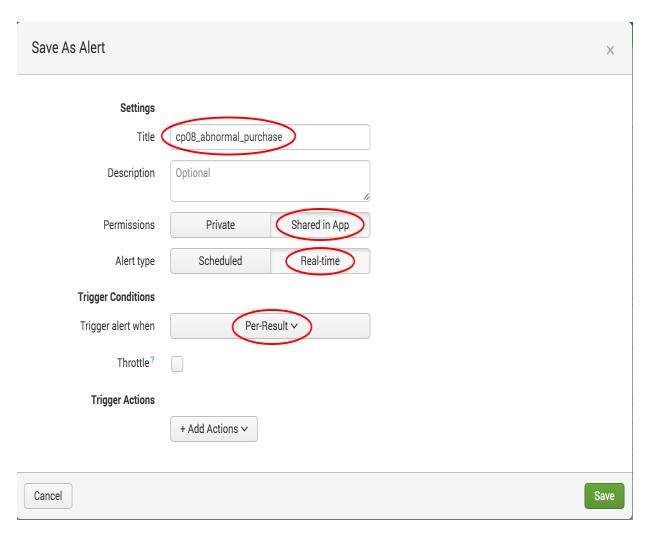
### **Trigger Actions**





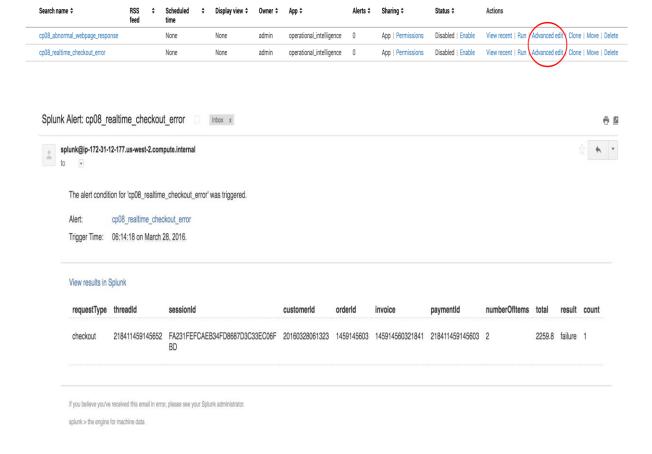
### Trigger Actions

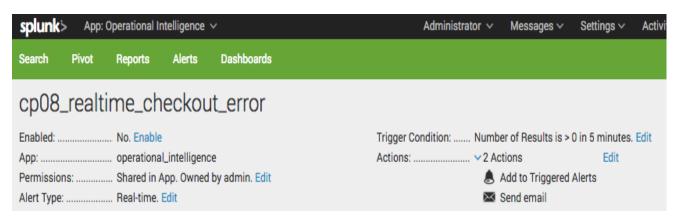








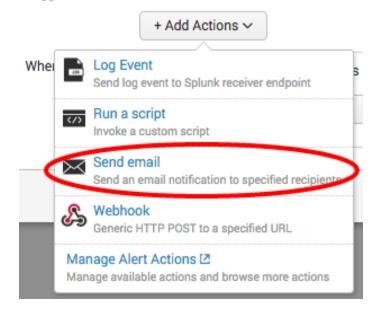




Save As Alert **Trigger Actions** + Add Actions ~ When triggered Send email Remove email@domain.com Comma separated list of email addresses. Show CC and BCC Priority High ∨ Subject Splunk Alert: \$name\$ The email subject, recipients and message can include tokens that insert text based on the results of the Message The alert condition for '\$name\$' was search. Learn More 🗷 triggered. Include Link to Alert Link to Results Search String ✓ Inline Table ✓ Trigger Condition Attach CSV Trigger Time Attach PDF HTML & Plain Text Plain Text Add to Triggered Alerts Remove Save

### **Trigger Actions**

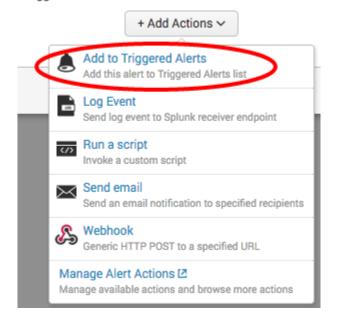
Cancel

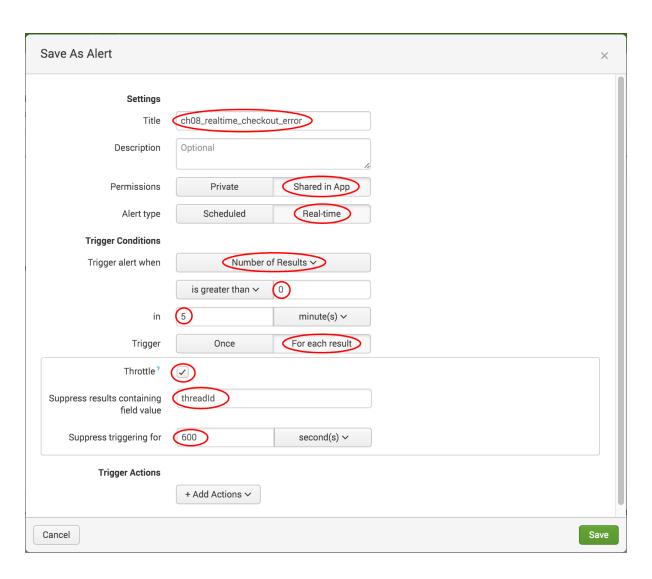


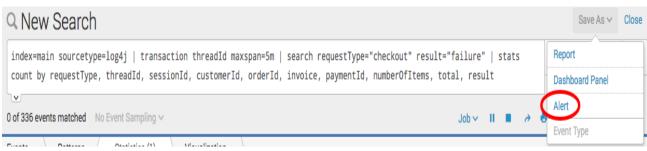


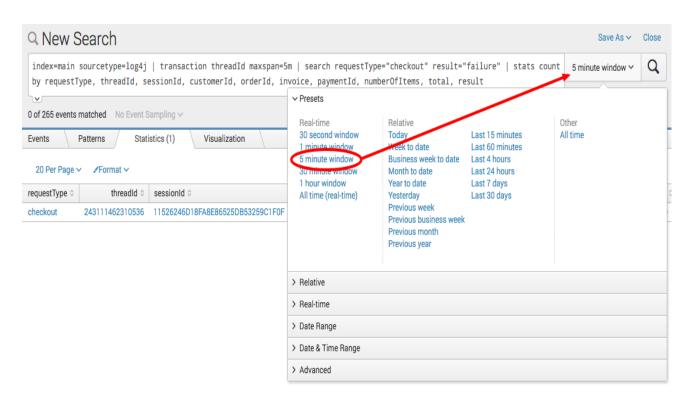


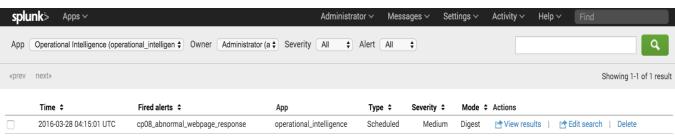
### **Trigger Actions**













### Splunk Alert: cp08\_abnormal\_webpage\_response





### splunk@ip-172-31-12-177.us-west-2.compute.internal

to -

The alert condition for 'cp08\_abnormal\_webpage\_response' was triggered.

Alert: cp08\_abnormal\_webpage\_response

Trigger: Saved Search [cp08\_abnormal\_webpage\_response]: custom

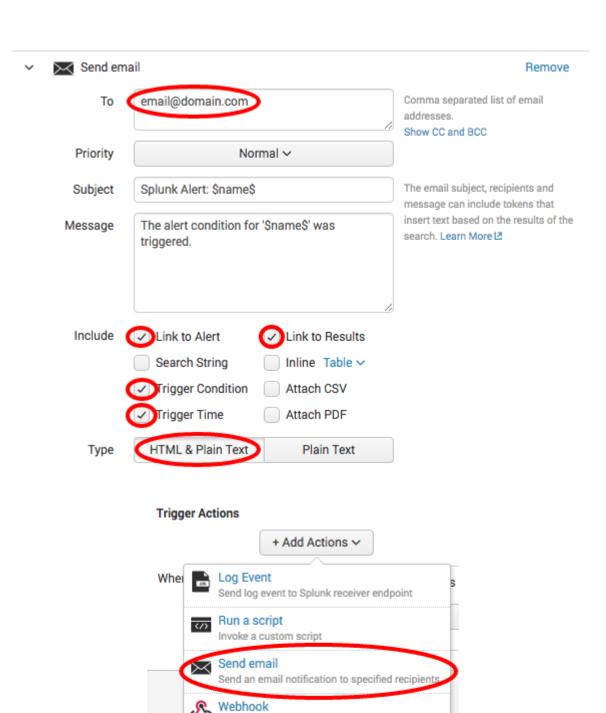
Trigger Time: 04:15:01 on March 28, 2016.

### View results

If you believe you've received this email in error, please see your Splunk administrator.

splunk > the engine for machine data



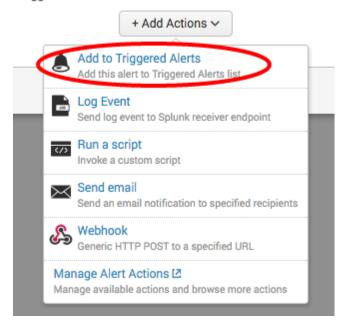


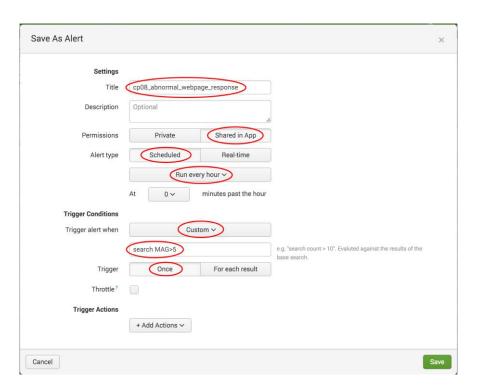
Generic HTTP POST to a specified URL

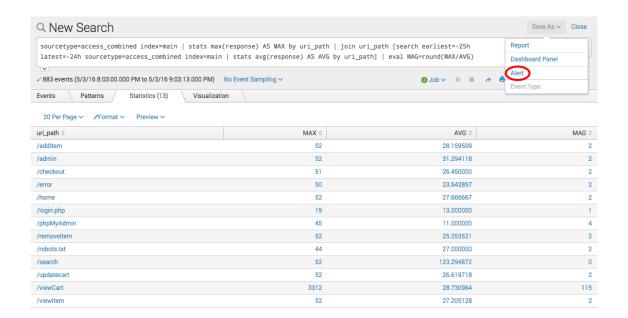
Manage available actions and browse more actions

Manage Alert Actions ☑

### **Trigger Actions**



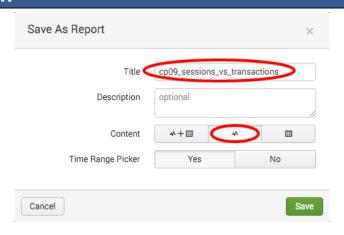






Graphics.zip

# Chapter 9: Chapter 9: Speeding Up Intelligence – Data Summarization



# Summary Details Report Acceleration Summaries » Summary Details

### Summary: 09ffd23e5cccf3e4

Summary Status	Actions			
Pending (Built summary - 100%) Updated: 10m ago	Verify	Update	Rebuild	Delete

Owner

App

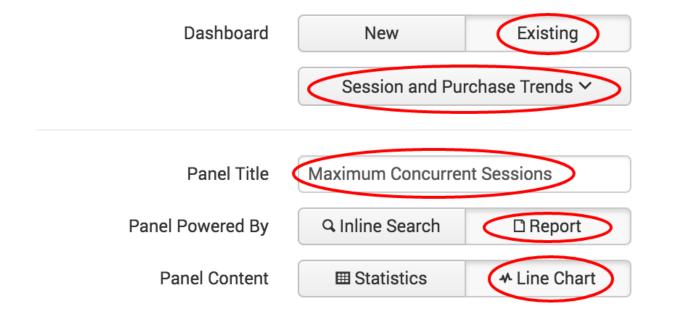
### **Reports Using This Summary**

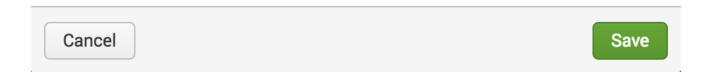
Search name

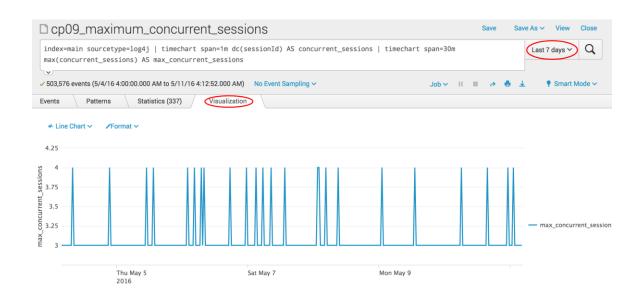
cp09_maximum_concurrent_sessions	admin operational_intelligence
Details 🖆 Learn more.	
Summarization Load	0.0510
Access Count	4 Last Access: < 1 min ago
Size on Disk	11.41MB
Summary Range	31 days
Timespans	10s, 1d, 1h, 1min, 1mon, 1s
Buckets	9
Chunks	795

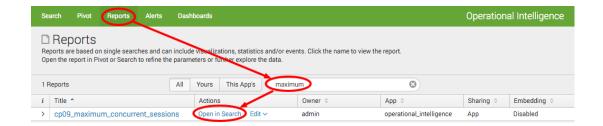
## Save As Dashboard Panel



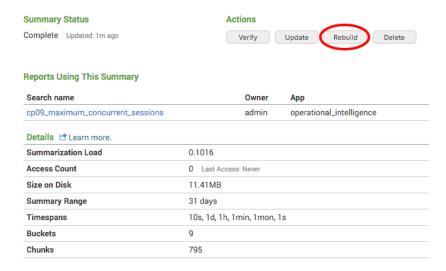




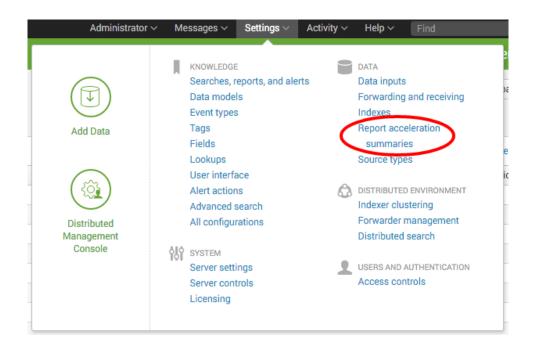




### Summary: 09ffd23e5cccf3e4







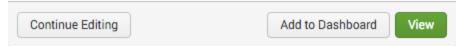


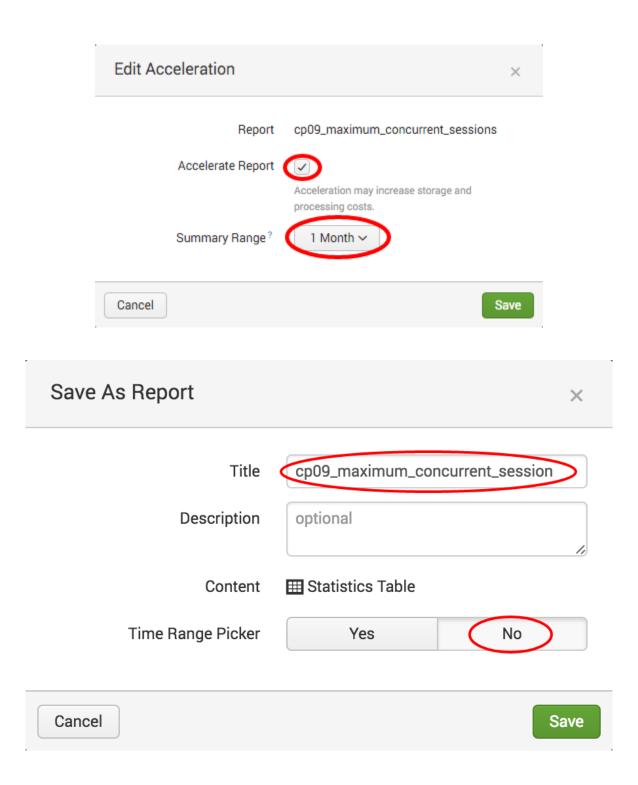
×

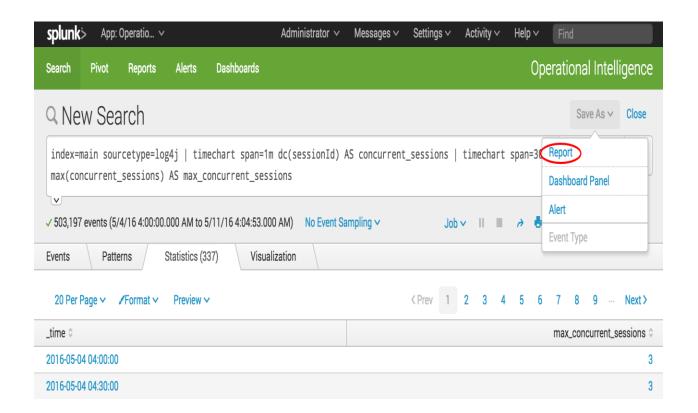
You may now view your report, add it to a dashboard, change additional settings, or continue editing it.

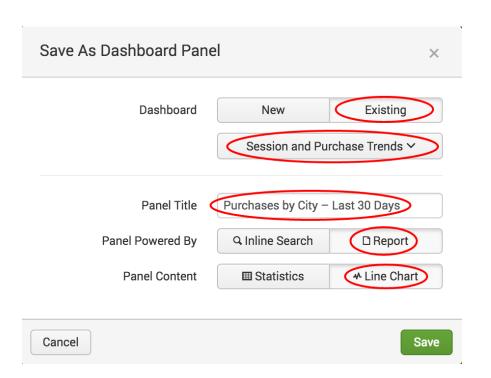
Additional Settings:

- Permissions
- Schedule
- Acceleration
  - Embed

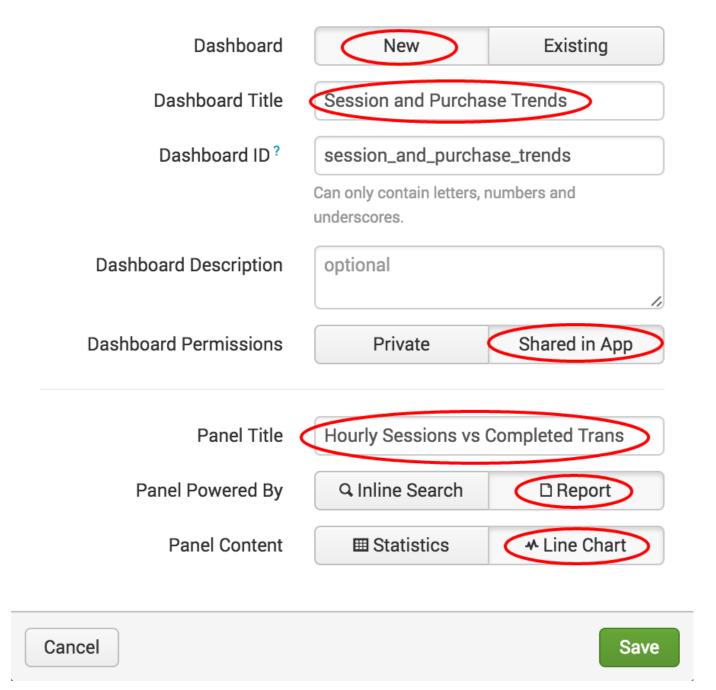


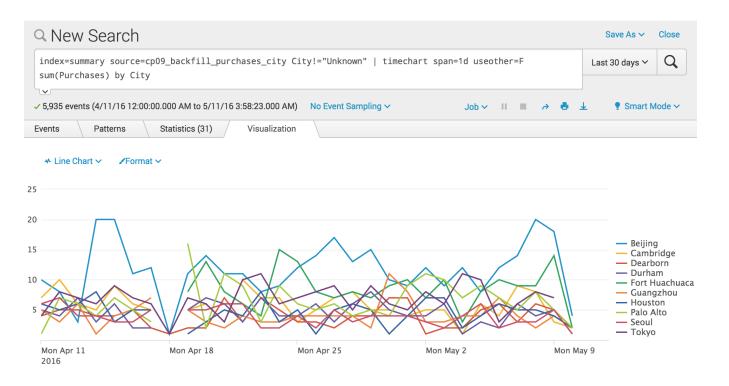


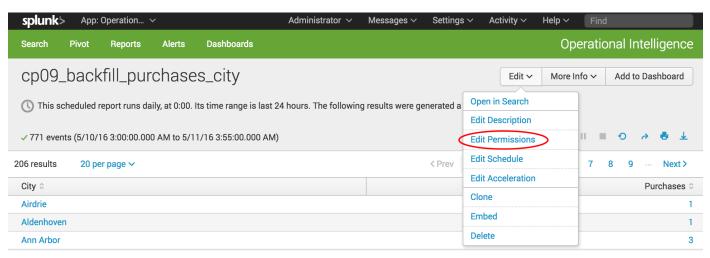




### Save As Dashboard Panel

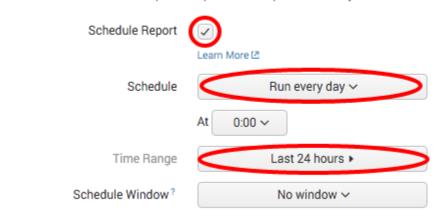




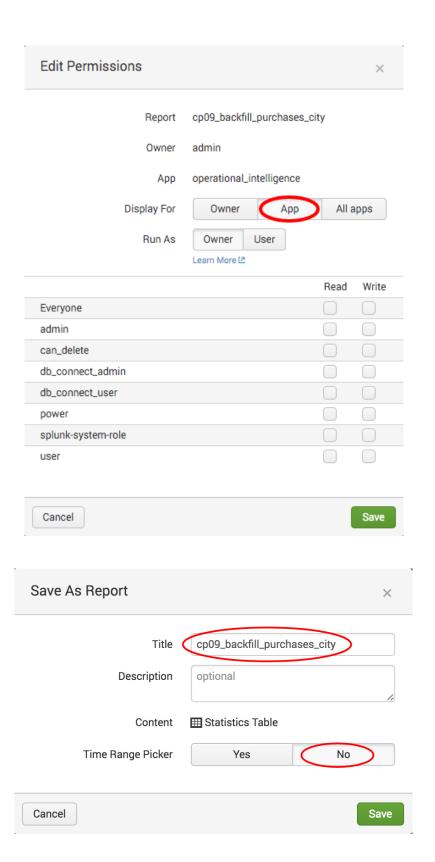


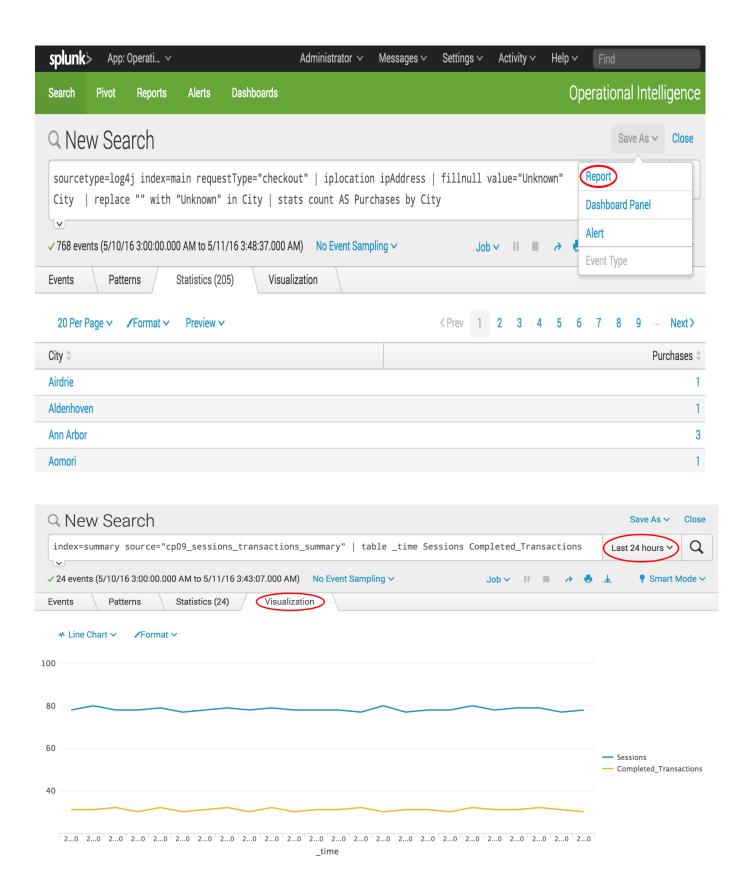
Edit Schedule ×

Report cp09\_backfill\_purchases\_city

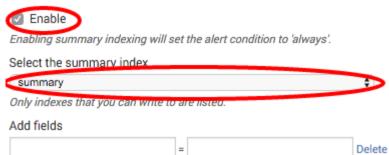


Cancel

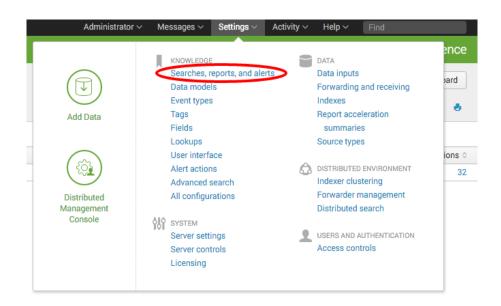


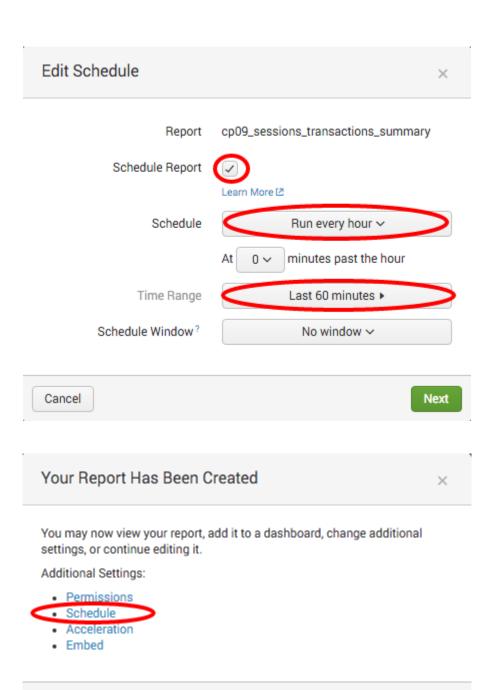


### **Summary indexing**



### Add another field

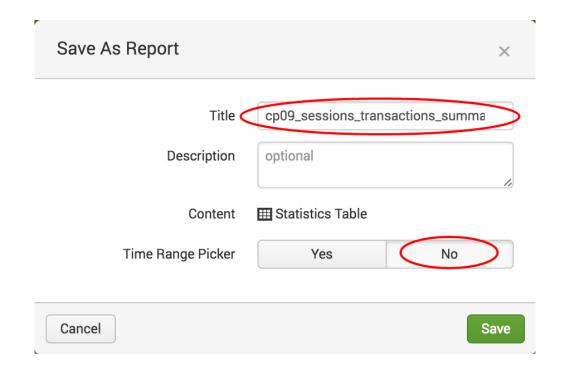


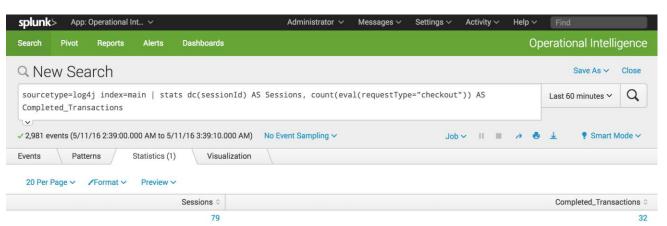


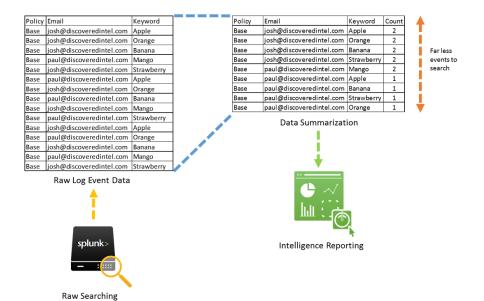
Continue Editing

Add to Dashboard

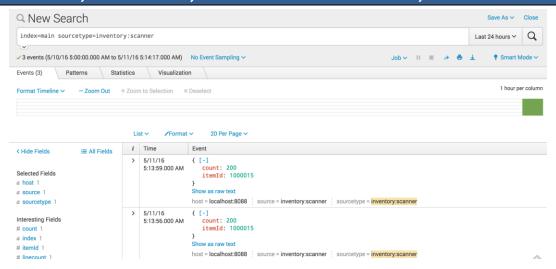
View







# Chapter 10: Above and Beyond – Customization, Web Framework, REST API, HTTP Event Collector, and SDKs



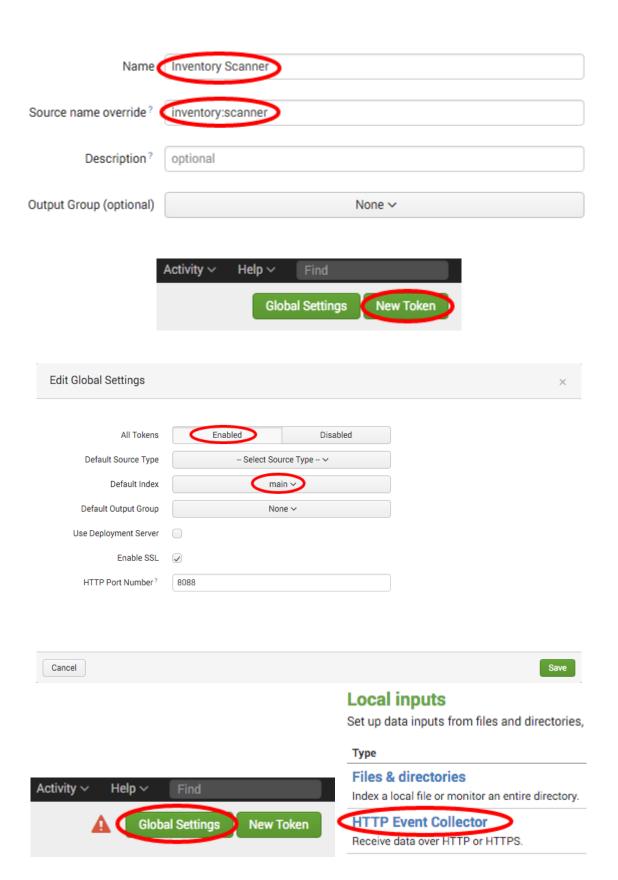


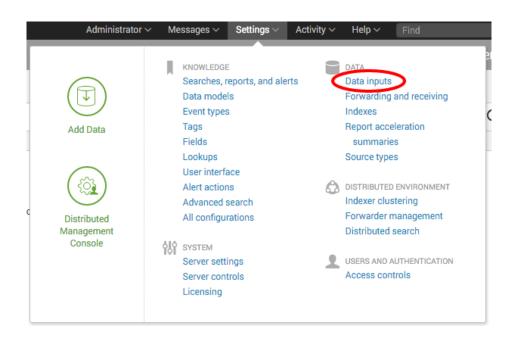
# Token has been created successfully.

Configure your inputs by going to Settings > Data Inputs

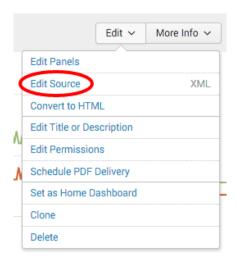
Token Value 73354A09-97A6-4190-94DC-173F4EEFF951

Select Allowed	Available item(s)	add all »	Selected item(s)	« remove a
Indexes	history main summary		main	
	Select indexes that clients will be able to		Select New	
	Source Type	inventory:scanner		
	Source Type Category	Custom ~		
	Source Type Description			

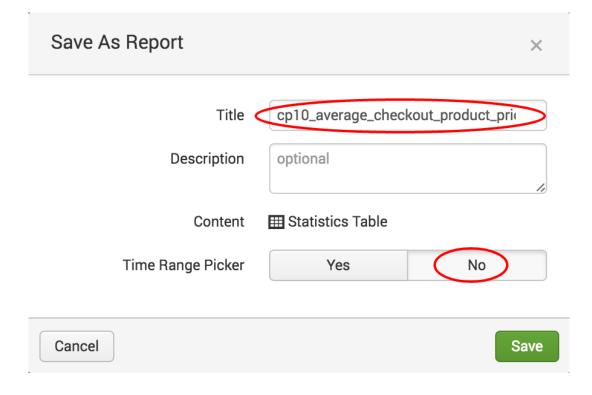


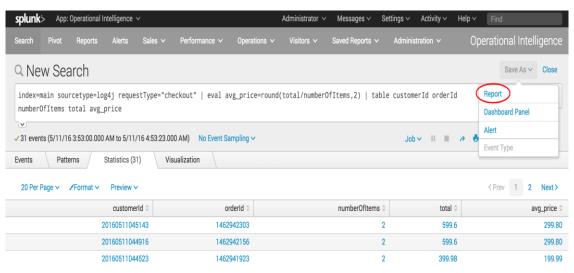


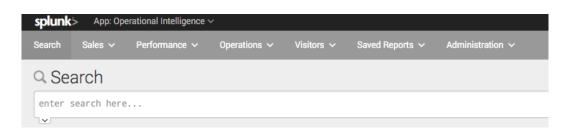
Average Checkout Product Price				
customerId 0	orderId 0	numberOfItems ◊	total 0	avg_price 0
20160405143053	1459866653	2	2259.8	1129.90
20160404204748	1459802868	2	399.98	199.99
20160404204326	1459802606	2	2259.8	1129.90
20160404204226	1459802546	20	22598.0	1129.90
20160404204004	1459802404	2	599.6	299.80
20160404203912	1459802352	2	2259.8	1129.90
20160404203737	1459802257	20	5996.0	299.80
20160404203549	1459802149	2	2259.8	1129.90
20160404203311	1459801991	2	599.6	299.80
20160404203122	1459801882	2	2259.8	1129.90
		« prev 1 2	3 4 5 6	7 8 9 10 next »



# Dashboard Panel Dashboard New Existing Product Monitoring > Panel Title Average Checkout Product Price Panel Powered By Q Inline Search Panel Content Statistics Table Cancel



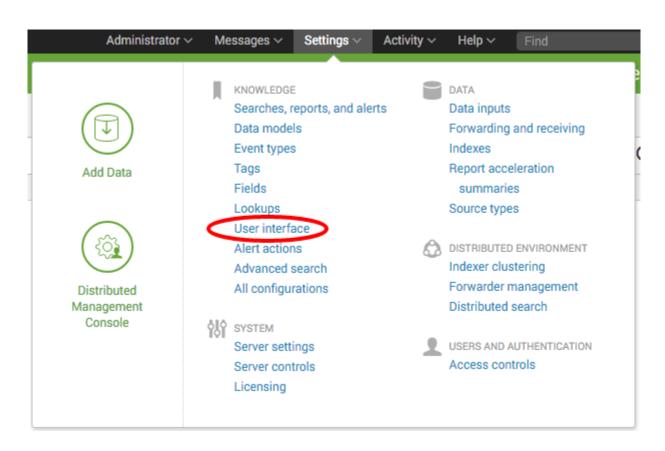


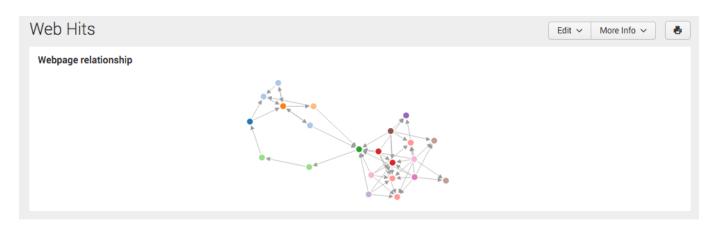


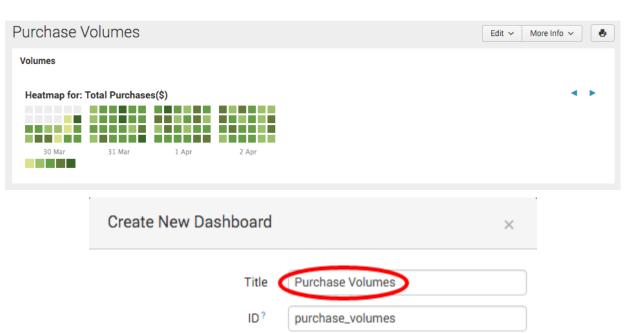
# User interface

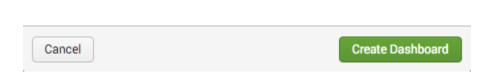
Create and edit views, dashboards, and navigation menus.











underscores.

optional

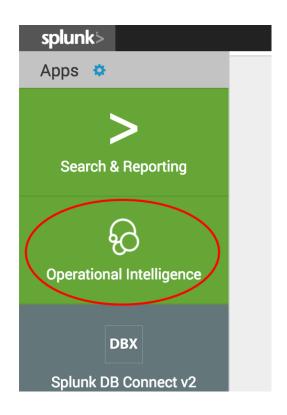
Private

Description

Permissions

Can only contain letters, numbers and

Shared in App



### Dashboard has been converted.

×

You may now view your dashboard, change additional settings, or edit the HTML.

Additional Settings:

Permissions



This change cannot be undone.

HTML dashboards cannot be edited using Splunk's visual editors. Integrated PDF generation is not available for HTML dashboards. Learn More [2]

