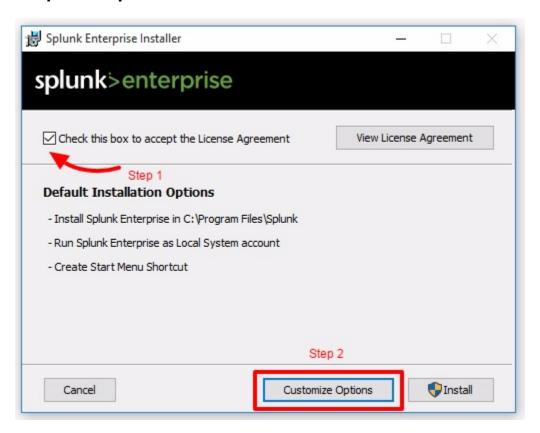
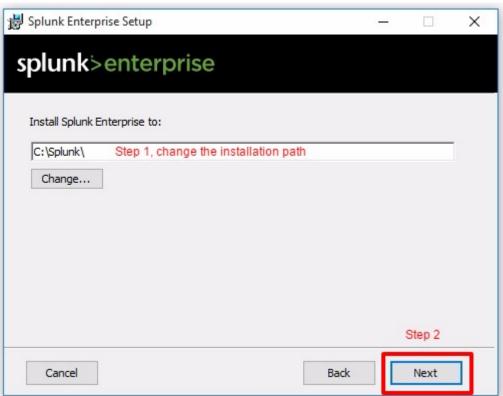
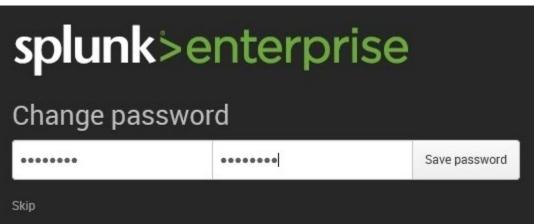
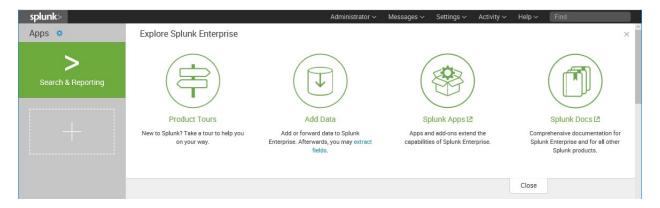
Chapter 1: Splunk in Action

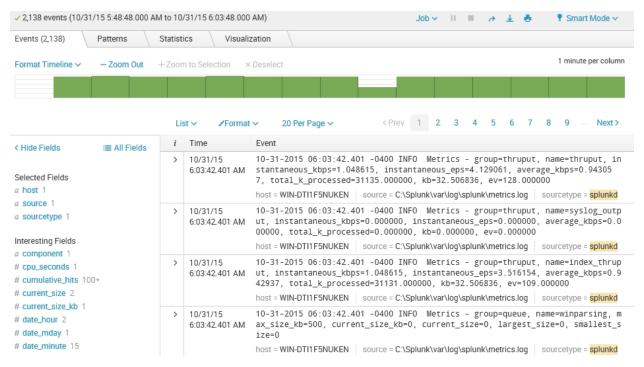




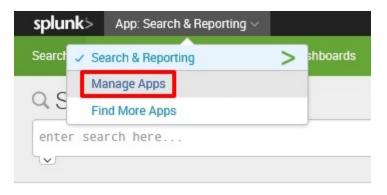












Apps

Browse more apps Install app from file Create app

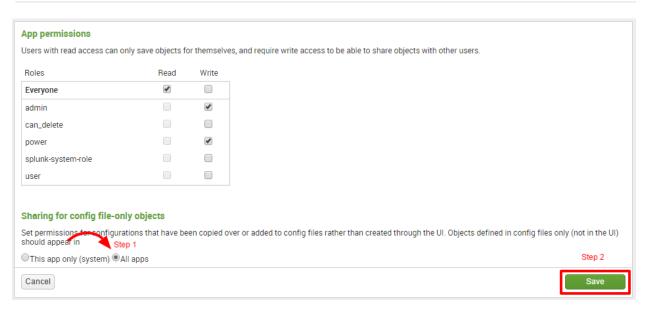
Showing 1-14 of 14 items

Add new

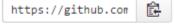
Apps » Add new

Name	
Destinations	
Give your app a friendly name for display in Splunk Web.	
Folder name *	
destinations	
This name maps to the app's directory in \$SPLUNK_HOM	ME/etc/apps/.
Version	
1.0	
App version.	
Visible	
○ No ● Yes	
Only apps with views should be made visible.	
Author	
Your Name Goes Here	
Name of the app's owner.	
Description	
A custom Splunk application for Destin	nations
Enter a description for your app.	
Template	
barebones	
These templates contain example views and searches.	
Upload asset	
	Browse
	Diomoc

Name ‡	Folder name \$	Version ‡	Update checking \$	Visible \$	Sharing \$	Status ‡
SplunkForwarder	SplunkForwarder		Yes	No	App Permissions	Disabled Enable
SplunkLightForwarder	SplunkLightForwarder		Yes	No	App Permissions	Disabled Enable
Webhook Alert Action	alert_webhook	6.3.0	Yes	No	App Permissions	Enabled Disable
Apps Browser	appsbrowser	6.3.0	Yes	Yes	App Permissions	Enabled
Destinations	destinations	None	Yes	Yes	Global Permissions	Enabled Disable
framework	framework		Yes	No	App Permissions	Enabled Disable
Getting started	gettingstarted	1.0	Yes	Yes	App Permissions	Disabled Enable

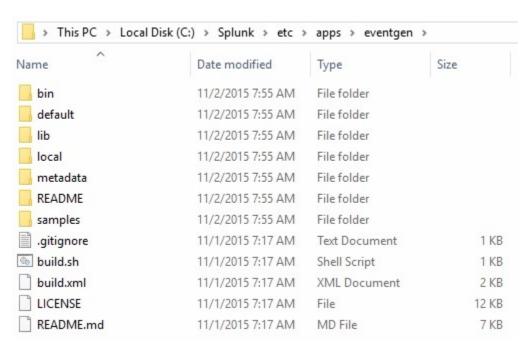


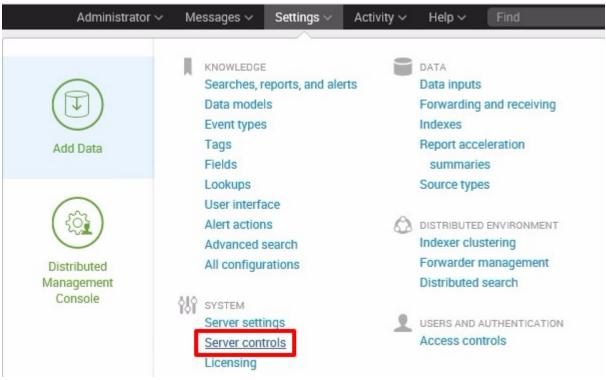
HTTPS clone URL



You can clone with HTTPS, SSH, or Subversion. ①







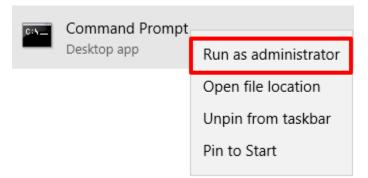
Server controls

Click the button below to restart Splunk.



Destinations	destinations	1.0	Yes	Yes	Global Permissions
eventgen	eventgen	2.0.3	Yes	No	Global Permissions
framework	framework		Yes	No	App Permissions





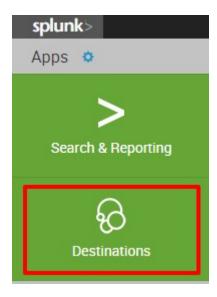
```
Checking kvstore port [8191]: open
Checking configuration... Done.
Checking critical directories... Done
Checking indexes...
Validated: _audit _internal _introspection _thefishbucket history main summary

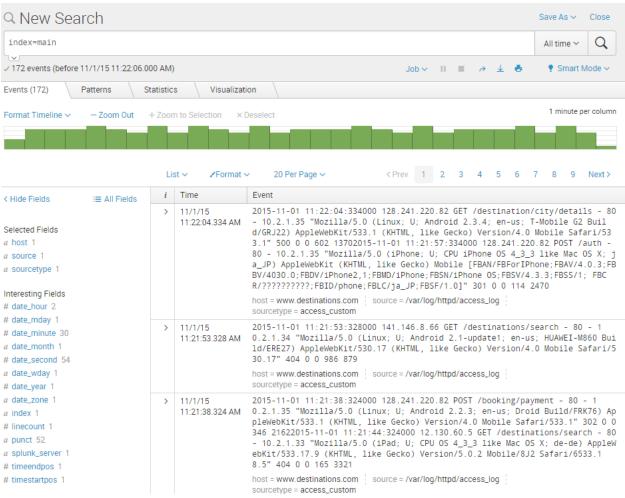
Done
Checking filesystem compatibility... Done
Checking conf files for problems...

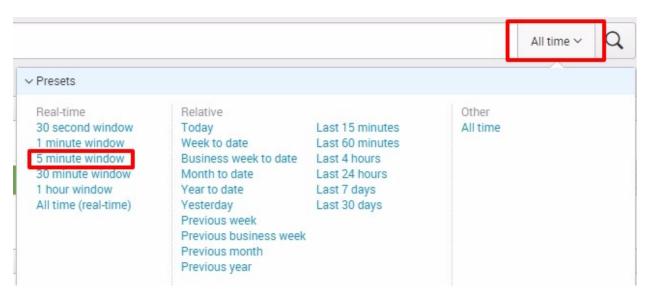
Done
Checking default conf files for edits...
Validating installed files against hashes from 'C:\Splunk\splunk-6.3.0-aa7d4b1ccb80-windows-64-manifest'
All installed files intact.
Done
All preliminary checks passed.

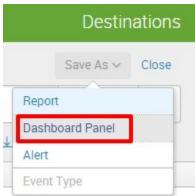
Starting splunk server daemon (splunkd)...

Splunkd: Starting (pid 3676)
Done
```



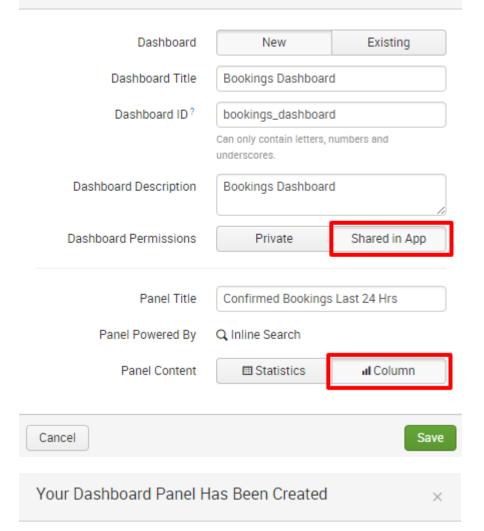






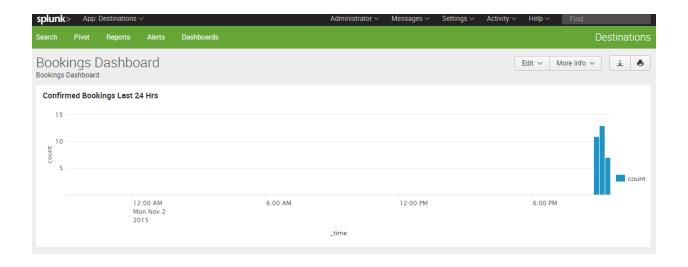
Save As Dashboard Panel



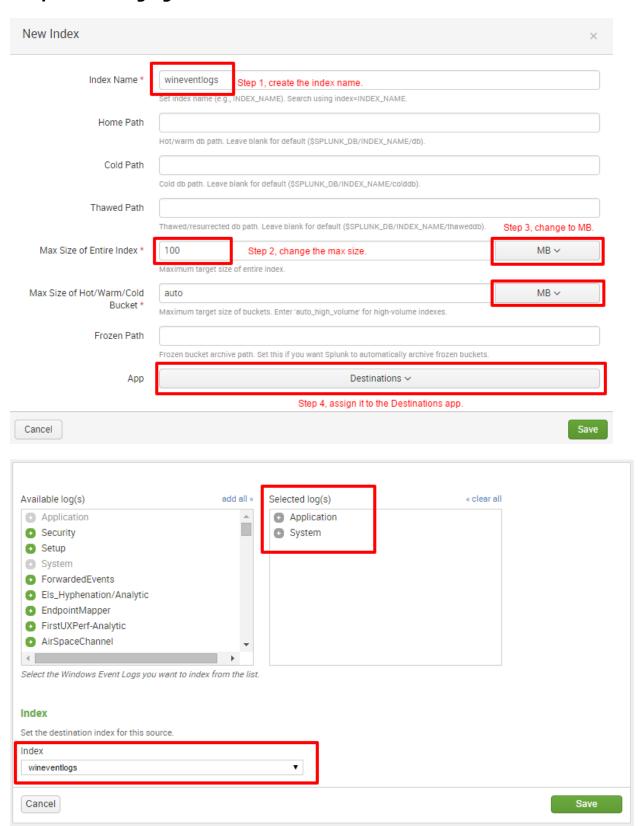


The panel has been created and added to bookings_dashboard. You may now view the dashboard.

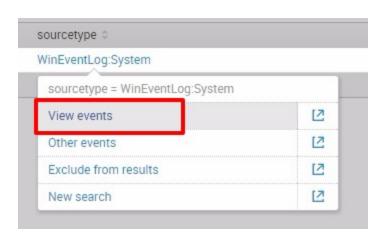
View Dashboard



Chapter 2: Bringing in Data



Showing 1-1 of 1 item Results per page 25 ▼



Selected Fields

- a host 1
- a source 1
- a sourcetype 1

Interesting Fields

- # date_hour 1
- # date_mday 1
- # date_minute 15
- a date_month 1
- # date_second 47
- a date_wday 1
- # date_year 1
- a date_zone 1
- a index 1
- # linecount 1
- a punct 46
- a splunk_server 1
- # timeendpos 1
- # timestartpos 1

• Extract New Fields

wineventlog Edit Delete Disable destinations 1 MB 100 MB 0

Type

Local event log collection

Collect event logs from this machine.

Remote event log collections

Collect event logs from remote hosts. Note: this uses WMI and requires a domain account.

Files & directories

Index a local file or monitor an entire directory.



Select Sample Event

Choose a source or source type, select a sample event, and click Next to go to the next step. The field extractor will use the event to extract fields. Learn more 🔼 I prefer to write the regular expression myself >

Source type access_custom

2016-07-19 05:42:34:656523,164.218.0.0,GET,/destination/HOU/details,-,80,-,10.2.1.33,Mozilla/5.0 (Windows NT 6.2; WOW64)
AppleWebKit/537.36 (KHTML; like Gecko) Chrome/30.0.1599.66 Safari/537.36,302,0,0,672,2162



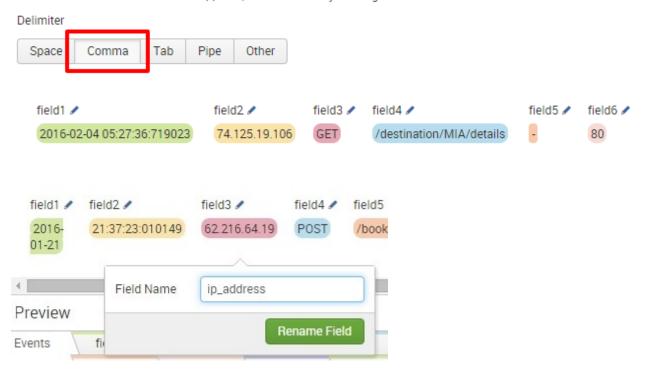
Splunk Enterprise will extract fields using a Regular Expression.



Splunk Enterprise will extract fields using a delimiter (such as commas, spaces, or characters). Use this method for delimited data like comma separated values (CSV files).

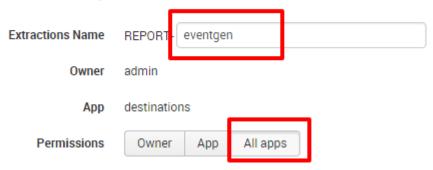
Rename Fields

Select a delimiter. In the table that appears, rename fields by clicking on field names or values. Learn more 🗵

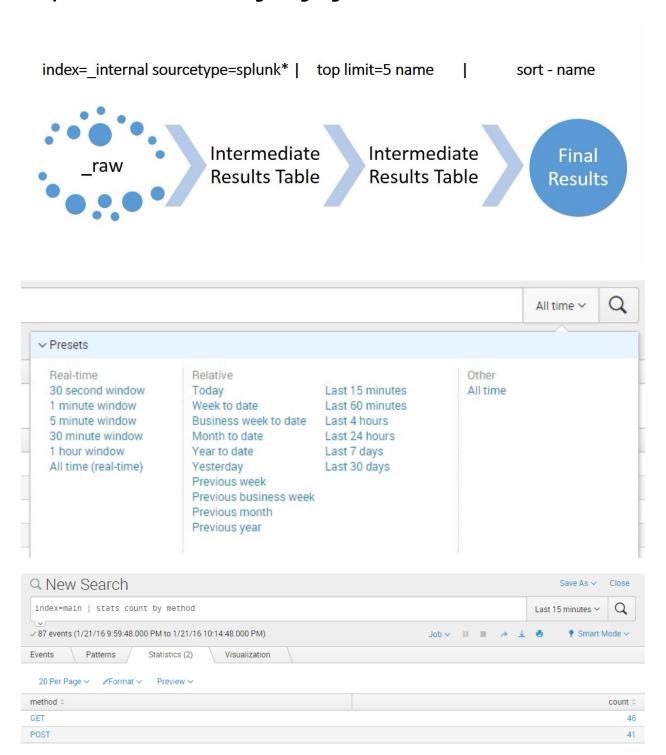


Save

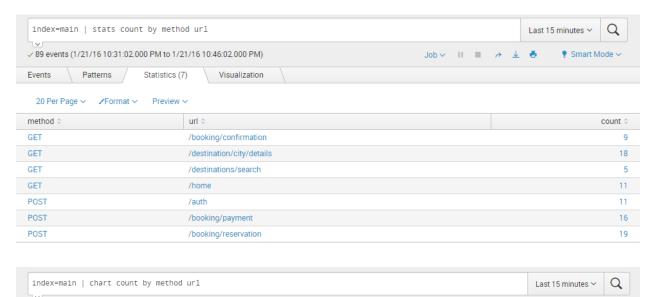
Name the extraction and set permissions.

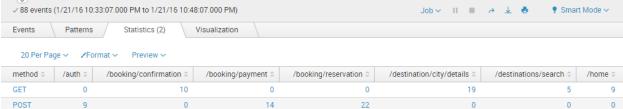


Chapter 3: Search Processing Language

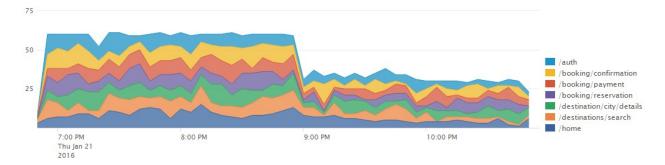


url ≎	count 0	percent 0
/booking/reservation	18	20.224719
/booking/confirmation	17	19.101124
/home	14	15.730337
/auth	13	14.606742
/destination/city/details	10	11.235955
/booking/payment	9	10.112360
/destinations/search	8	8.988764

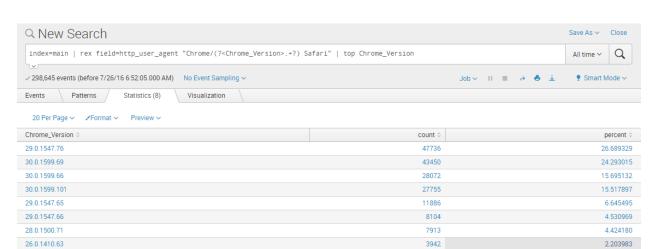




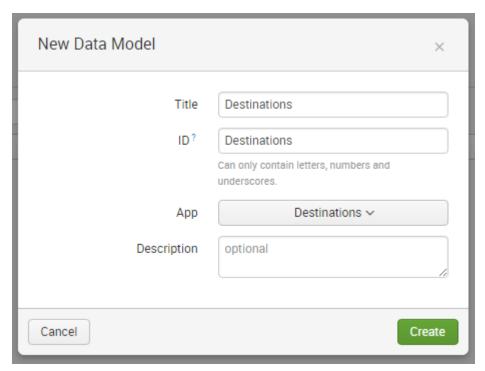
_time 0	/auth 0	/booking/confirmation 0	/booking/payment 🗘	/booking/reservation 0	/destination/city/details 0
2016-01-21 18:50:00	1	0	1	1	0
2016-01-21 18:55:00	13	9	5	9	6
2016-01-21 19:00:00	9	13	9	9	4
2016-01-21 19:05:00	11	11	4	13	10
2016-01-21 19:10:00	6	13	6	10	9

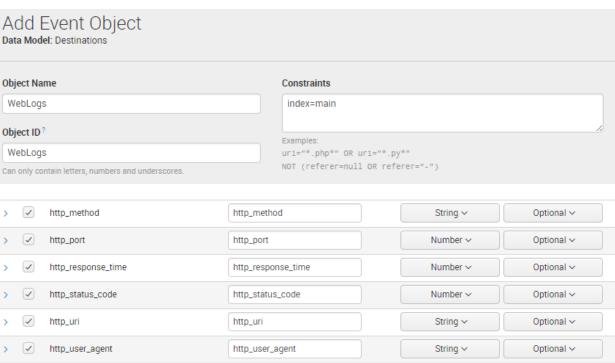


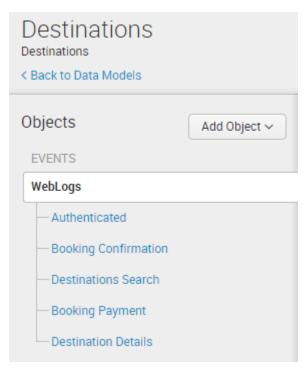
url ≎	count	0	Tag 0
/destination/city/details		55	
/booking/reservation	(52	
/booking/payment	!	55	
/booking/confirmation		53	
/auth	!	52	Auth
/home	4	17	Home
/destinations/search		28	

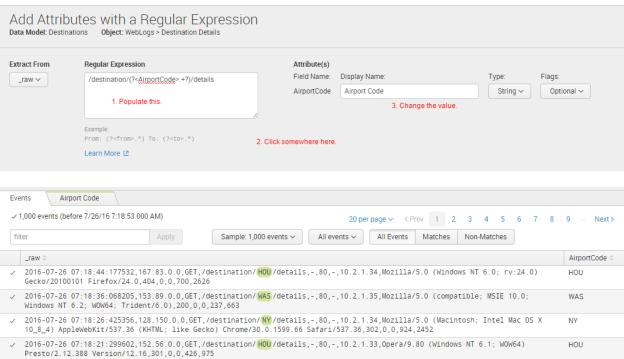


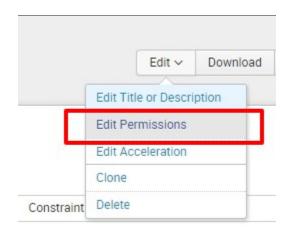
Chapter 4: Data Models and Pivot

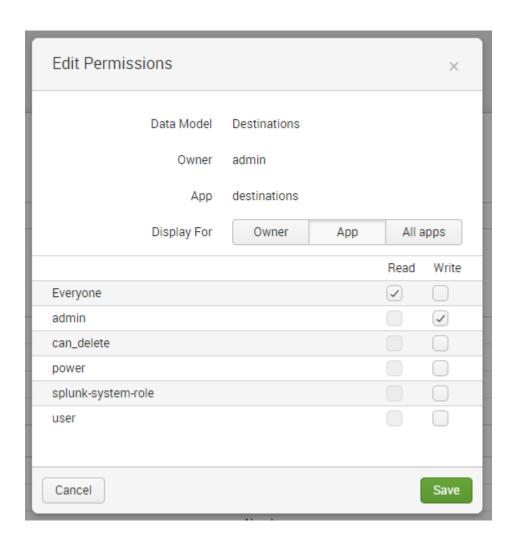


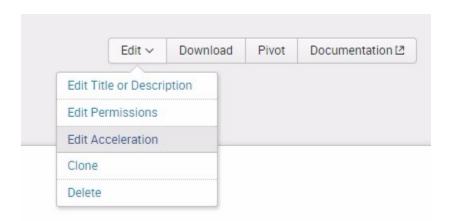


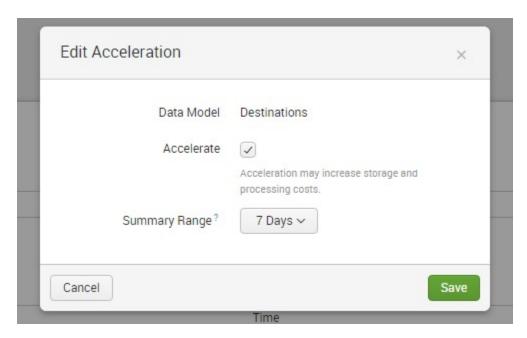




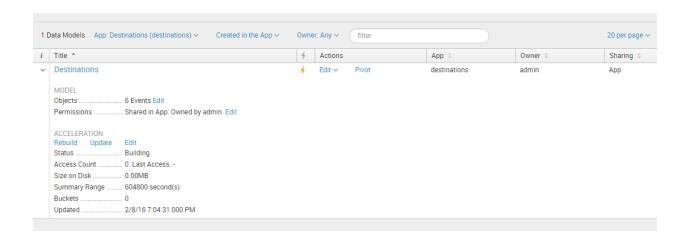


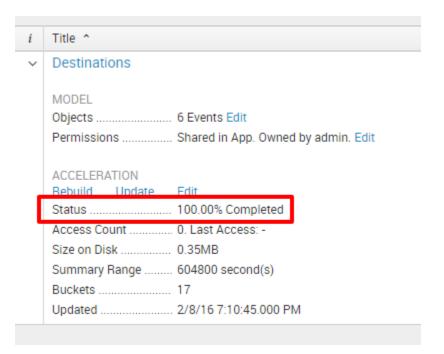


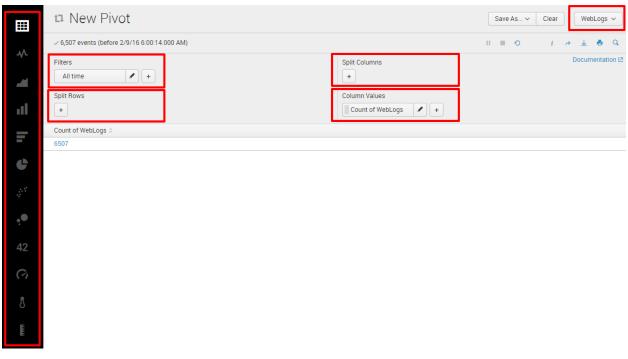


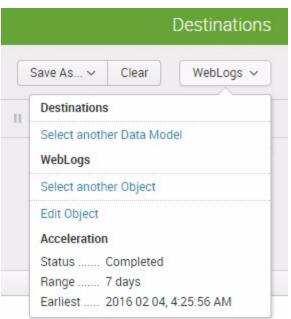


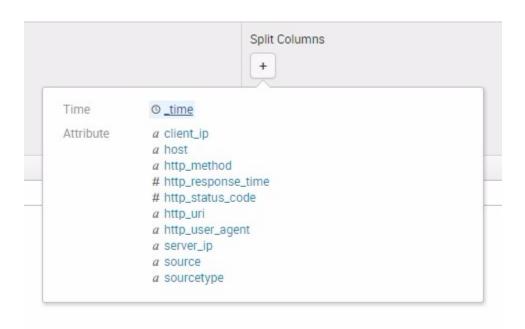
I This Data Model cannot be edited because it is accelerated. Disable acceleration in order to edit the Data Model.

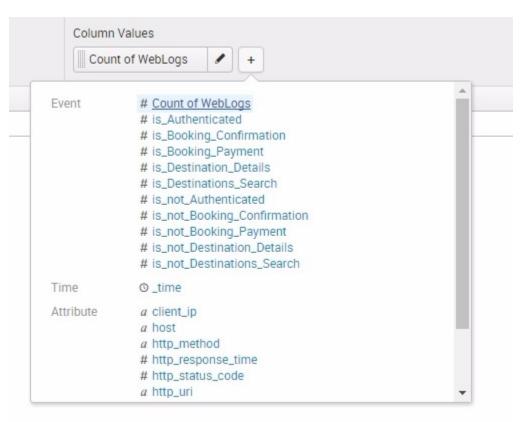




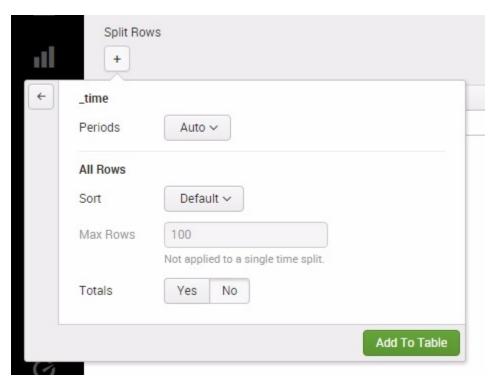


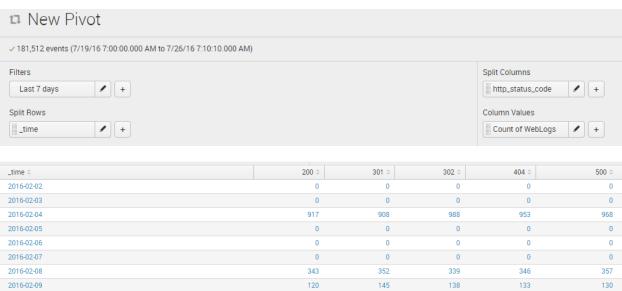




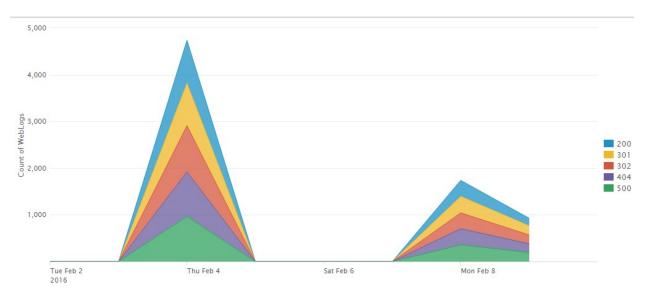


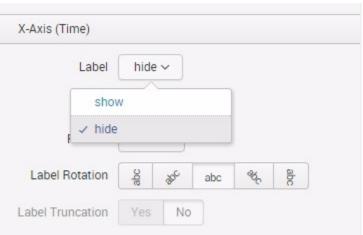
Count of WebLogs 0

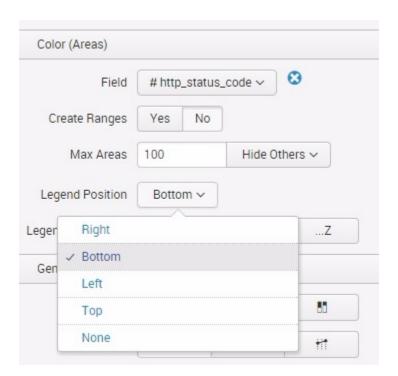


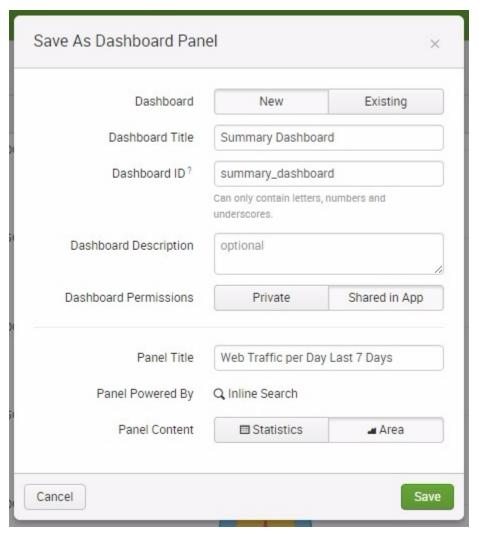


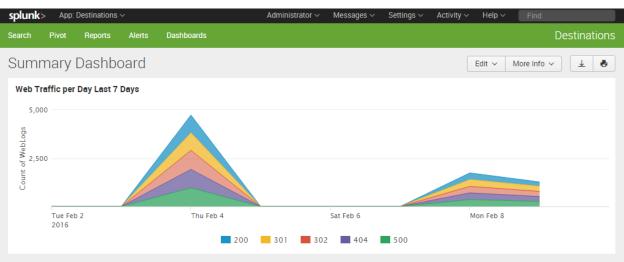


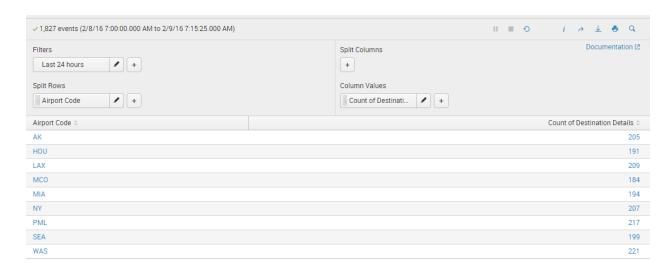




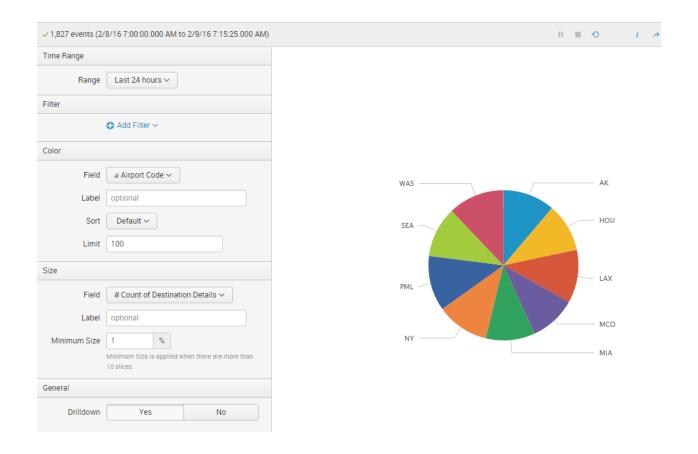


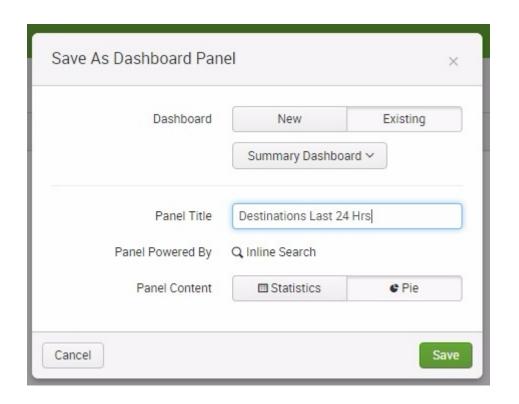




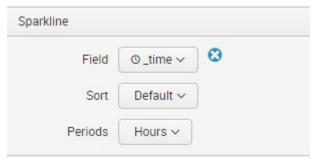








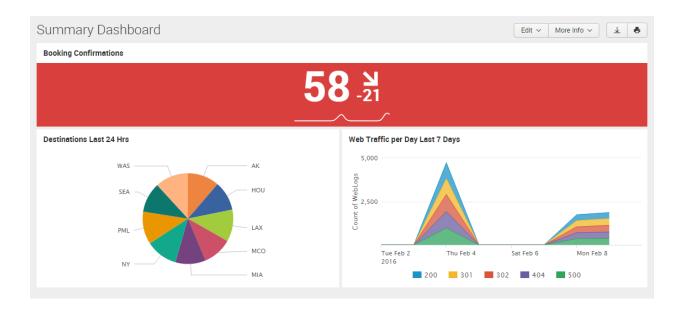




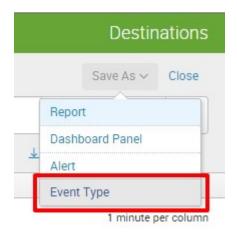
48-31 31

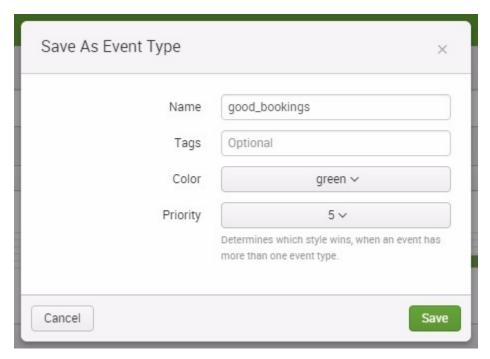


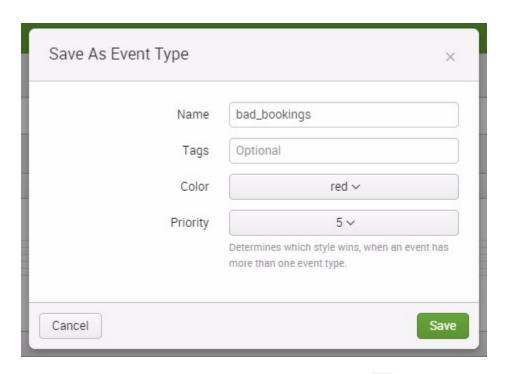
48 N -31



Chapter 5: Data Optimization, Reports, Alerts, and Accelerating Searches







i	Time	Event
>	8/11/16 7:22:54.007 AM	2016-08-11 07:22:54:007028,143.115.0.0,GET,/booking/confirmation,-,80,-,10.2.1.34,Moz illa/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML; like Gecko) Chrome/30.0.1599.101 Safari/537.36,200,0,0,943,2280
		host = www.destinations.com source = web_log sourcetype = access_custom
>	8/11/16 7:20:34.005 AM	2016-08-11 07:20:34:005312,208.176.0.0,GET,/booking/confirmation,-,80,-,10.2.1.34,Moz illa/5.0 (Windows NT 6.1; rv:24.0) Gecko/20100101 Firefox/24.0,500,0,0,797,3932
		host = www.destinations.com source = web_log sourcetype = access_custom
>	8/11/16 7:19:12.053 AM	2016-08-11 07:19:12:053950,158.34.0.0,GET,/booking/confirmation,-,80,-,10.2.1.34,Mozi lla/5.0 (Macintosh; Intel Mac OS X 10_7_5) AppleWebKit/537.36 (KHTML; like Gecko) Chr ome/30.0.1599.101 Safari/537.36,200,0,0,561,3903
		host = www.destinations.com source = web_log sourcetype = access_custom
>	8/11/16 7:16:08.736 AM	2016-08-11 07:16:08:736801,148.167.0.0,GET,/booking/confirmation,-,80,-,10.2.1.34,Moz illa/5.0 (Macintosh; Intel Mac OS X 10_8_3) AppleWebKit/537.36 (KHTML; like Gecko) Ch rome/30.0.1599.69 Safari/537.36,200,0,0,992,2490
		host = www.destinations.com source = web_log sourcetype = access_custom
>	8/11/16 7:15:46.089 AM	2016-08-11 07:15:46:089896,136.203.0.0,GET,/booking/confirmation,-,80,-,10.2.1.33,Moz illa/5.0 (Macintosh; Intel Mac OS X 10_7_5) AppleWebKit/537.36 (KHTML; like Gecko) Ch rome/30.0.1599.101 Safari/537.36,500,0,0,719,3397
		host = www.destinations.com source = web_log sourcetype = access_custom

Time	Event	
8/11/16 7:22:54.007 AM	2016-08-11 07:22:54:007028,143.115.0.0,GET,/booking/confirmation,-,8 illa/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML; like Gecko) Chr Safari/537.36,200,0,0,943,2280	
	host = www.destinations.com source = web_log sourcetype = access_custom	
8/11/16 7:20:34.005 AM	2016-08-11 07:20:34:005312,208.176.0.0,GET,/booking/confirmation,-,8 illa/5.0 (Windows NT 6.1; rv:24.0) Gecko/20100101 Firefox/24.0,500,	
	host = www.destinations.com source = web_log sourcetype = access_custom	
8/11/16 7:19:12.053 AM	2016-08-11 07:19:12:053950,158.34.0.0,GET,/booking/confirmation,-,80 11a/5.0 (Macintosh; Intel Mac OS X 10_7_5) AppleWebKit/537.36 (KHTML ome/30.0.1599.101 Safari/537.36,200,0,0,561,3903	
	host = www.destinations.com source = web_log sourcetype = access_custom	
8/11/16 7:16:08.736 AM	2016-08-11 07:16:08:736801,148.167.0.0,GET,/booking/confirmation,-,8 illa/5.0 (Macintosh; Intel Mac OS X 10_8_3) AppleWebKit/537.36 (KHTM rome/30.0.1599.69 Safari/537.36,200,0,0,992,2490	
	host = www.destinations.com source = web_log sourcetype = access_custom	
8/11/16 7:15:46.089 AM	2016-08-11 07:15:46:089896,136.203.0.0,GET,/booking/confirmation,-,8 illa/5.0 (Macintosh; Intel Mac OS X 10_7_5) AppleWebKit/537.36 (KHTM rome/30.0.1599.101 Safari/537.36,500,0,0,719,3397	
	host = www.destinations.com source = web_log sourcetype = access_custom	

Edit Tags



10.2.1.33

WIN-DTI1F5NUKEN

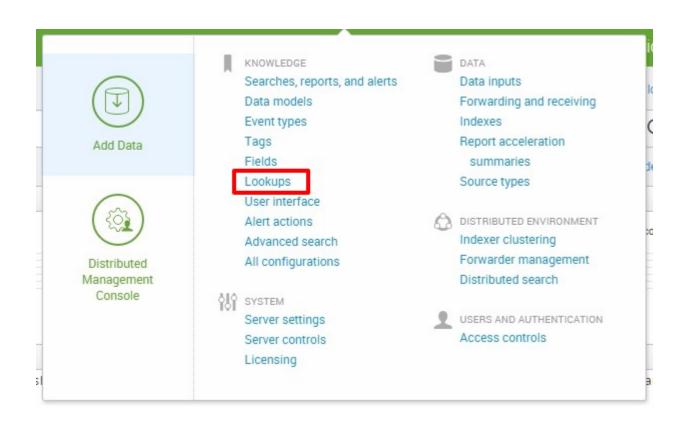
2016-03-01T12:08:25.664-05:00

server_ip
 ✓

_time v

Time •

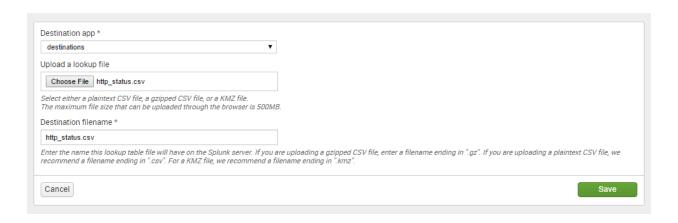
splunk_server v



Lookups

Create and configure lookups.







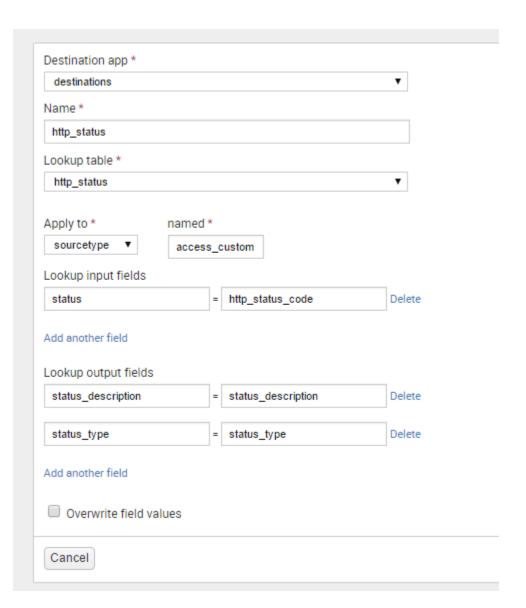


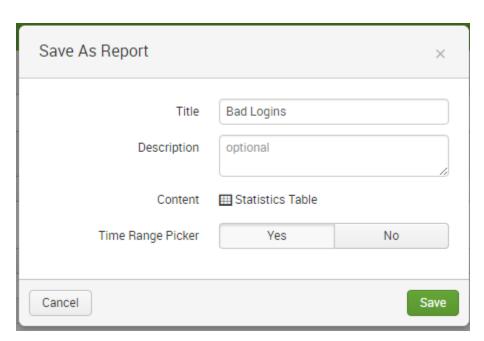
20 Per Page > /Format > Preview >

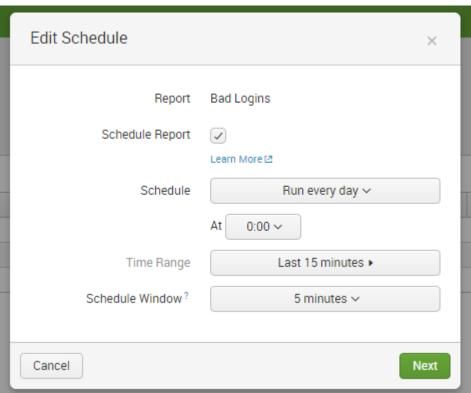
status \$	count 0	percent 0	status_description 0	status_type 0
301	37	21.637427	Moved Permanently	Redirection
200	37	21.637427	ОК	Successful
500	36	21.052632	Internal Server Error	Server Error
404	32	18.713450	Not Found	Client Error
302	29	16.959064	Found	Redirection

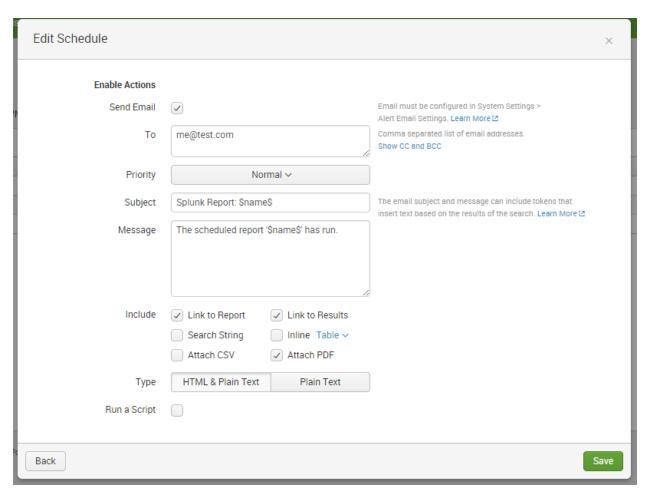
Create and configure lookups.

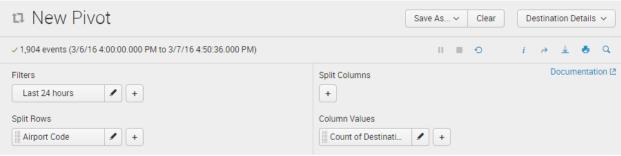
	Actions
Lookup table files	Add new
List existing lookup tables or upload a new file.	
Lookup definitions	Add new
Edit existing lookup definitions or define a new file-based or external lookup.	
Automatic lookups	Add new
Edit existing automatic lookups or configure a new lookup to run automatically.	

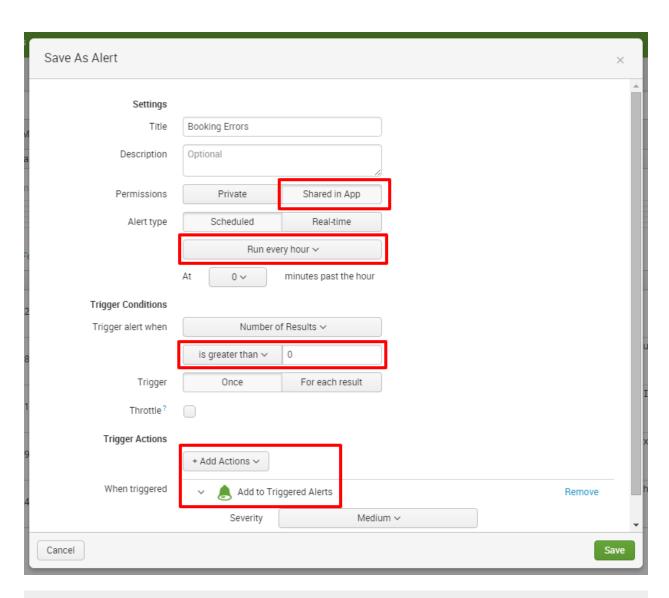










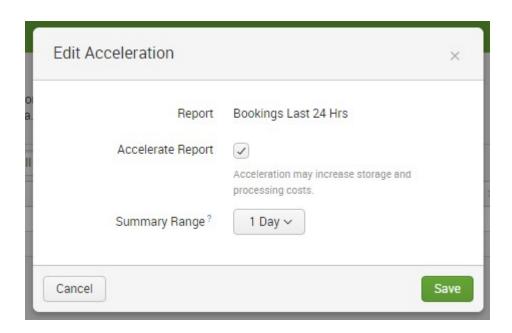




Trigger History

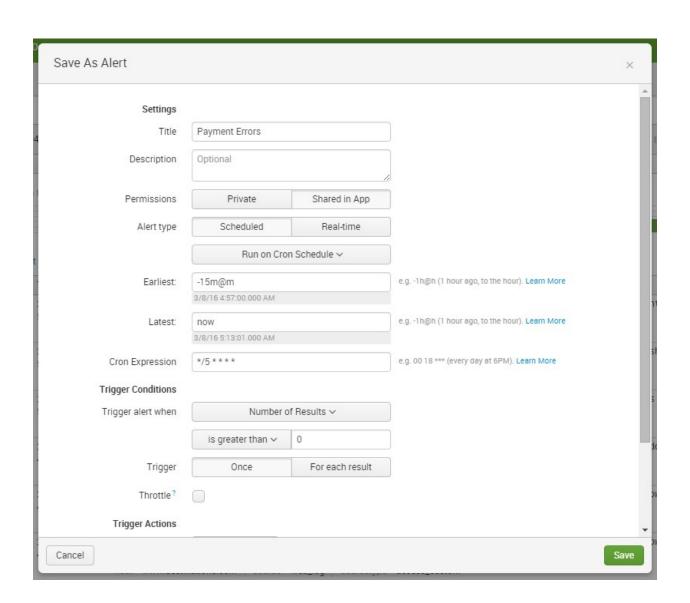
20 per page v

	TriggerTime 0	Actions
1	2016-03-07 18:00:01 Eastern Standard Time	View Results



Report Acceleration Summaries



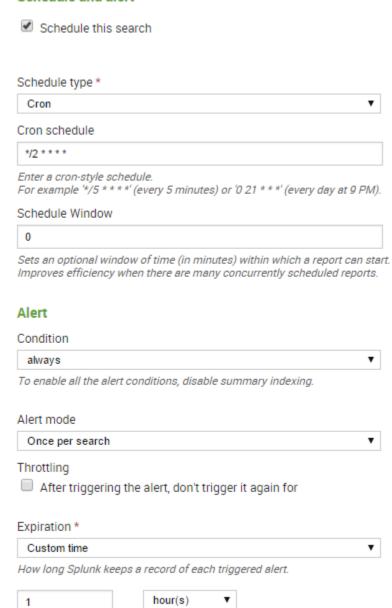


Destination app *		
Destinations (destinations)		•
Search name *		
Summary of Payment Errors		
Search *		
eventtype=bad_payment sta	ts count	
Description		
Run as Owner User Learn more		
Time range		
Start time	Finish time	
-2m@m	now	
Time specifiers: y, mon, d, h, m, s Learn more		
Acceleration		

Accelerate this search

Schedule and alert

Severity *
Medium



•

Alert actions					
Send email Enable					
Add to RSS Enable The RSS link is available in Settings > Searches, report	ts, and aler	ts.			
Run a script Enable					
List in Triggered Alerts Enable Triggered Alerts are available in Activity located in the	upper righ	t navigation.			
Summary indexing					
	n to 'always	<u>'</u>			
Select the summary index					
summary		•			
Only indexes that you can write to are listed.					
Add fields					
summaryCount = count		Delete			
Add another field					
Showing 1-5 of 5 items					Results per page 25 ▼
Path	Owner \$	App ‡	Sharing \$	Status \$	Actions
C:\Splunk\etc\apps\search\lookups\geo_attr_countries.csv	No owner	search	Global Permissions	Enabled	Move Delete
C:\Splunk\etc\apps\search\lookups\geo_attr_us_states.csv	No owner	search	Global Permissions	Enabled	Move Delete

No owner

admin

search

destinations

Global | Permissions

Private | Permissions

Enabled

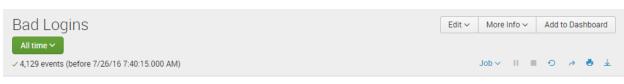
Enabled

Move | Delete

Move | Delete

C:\Splunk\etc\apps\search\lookups\geo_us_states.kmz

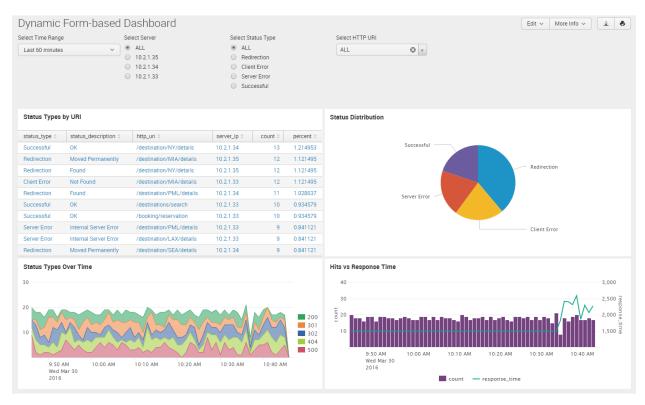
C:\Splunk\etc\users\admin\destinations\lookups\http_status.csv

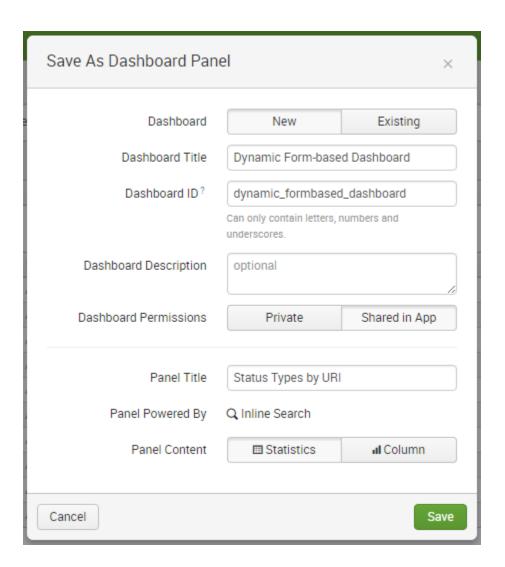


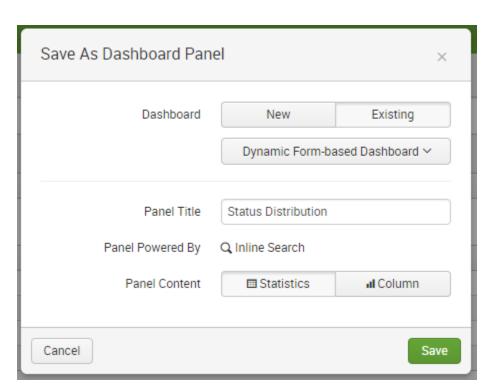
10 results 20 per page v

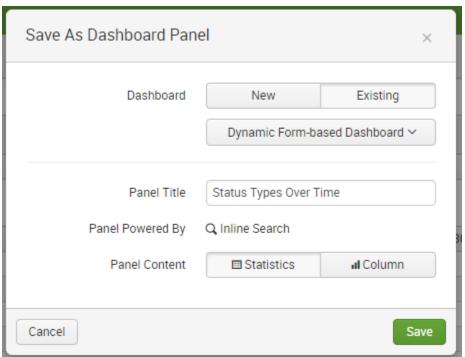
131.178.233.243 12.130.60.5	9	0.217970
12.130.60.5	0	
	9	0.217970
141.146.8.66	7	0.169533
130.253.37.97	6	0.145314
12.130.60.4	6	0.145314
205.191.0.0	5	0.121095
139.42.0.0	5	0.121095
128.241.220.82	5	0.121095
125.17.14.100	5	0.121095
56.74.0.0	4	0.096876

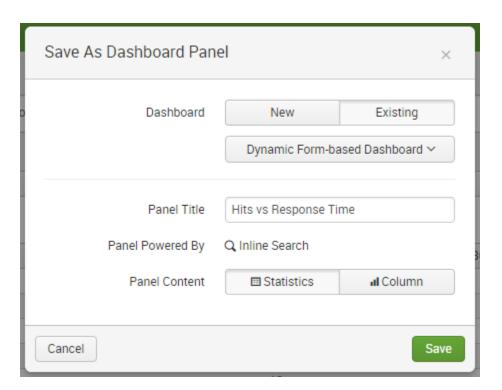
Chapter 6: Panes of Glass

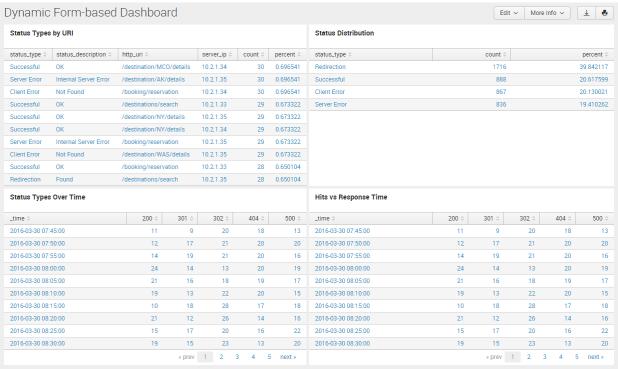










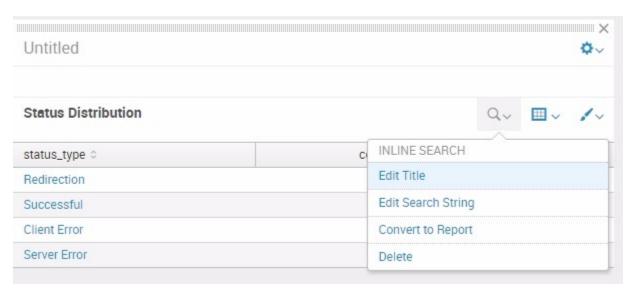


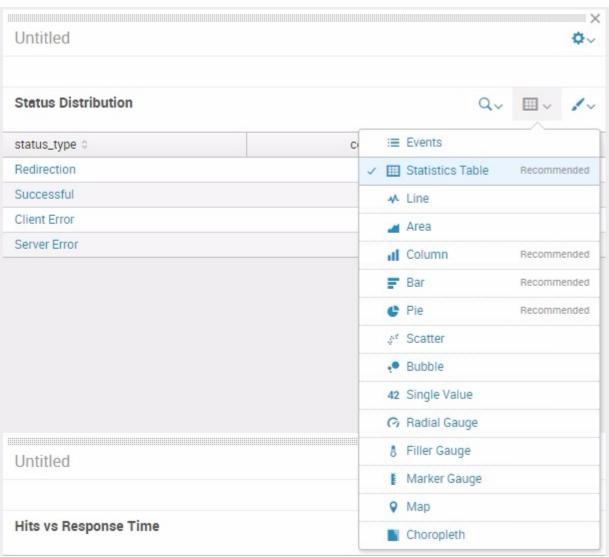
Status Distribution

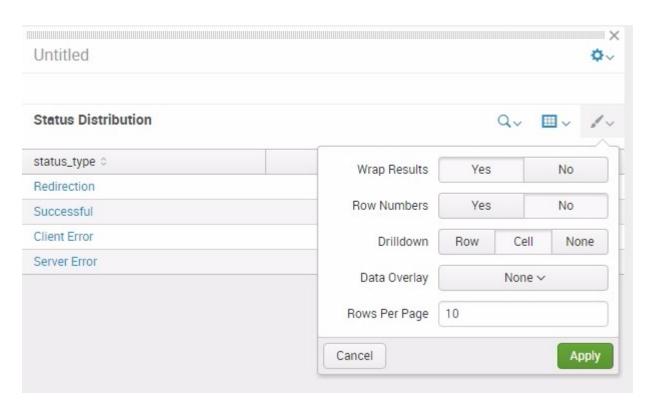


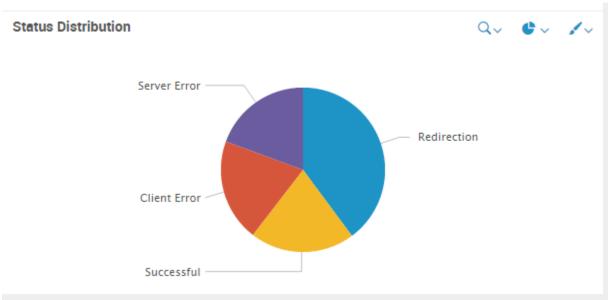


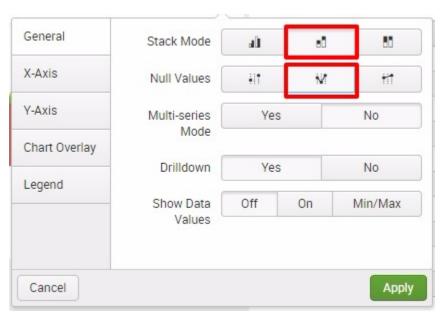


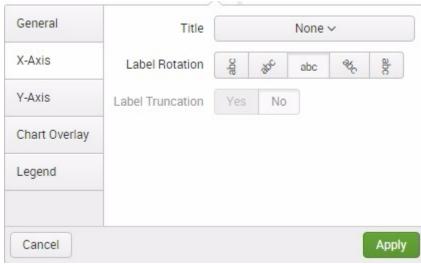


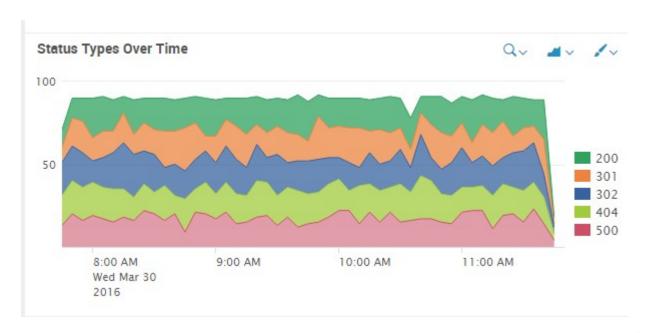


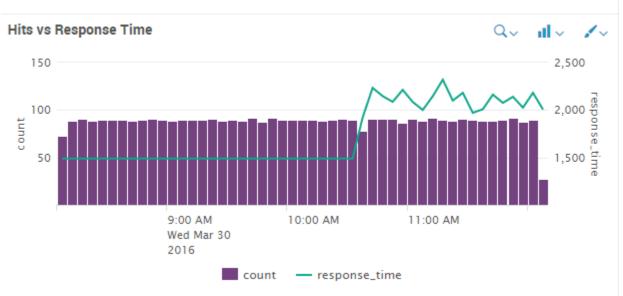


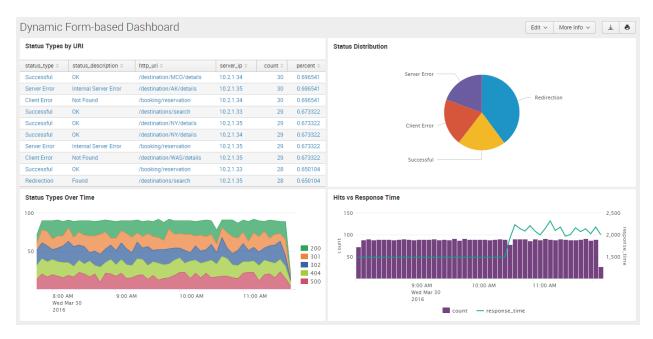


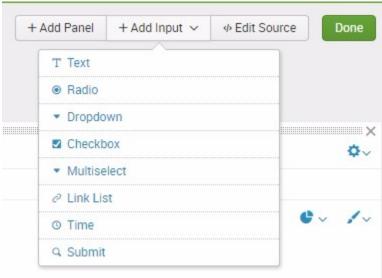




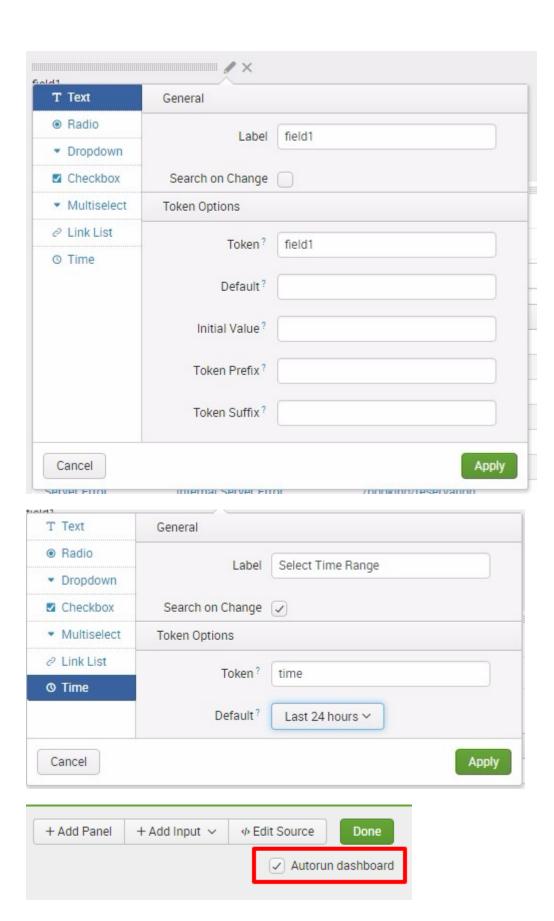


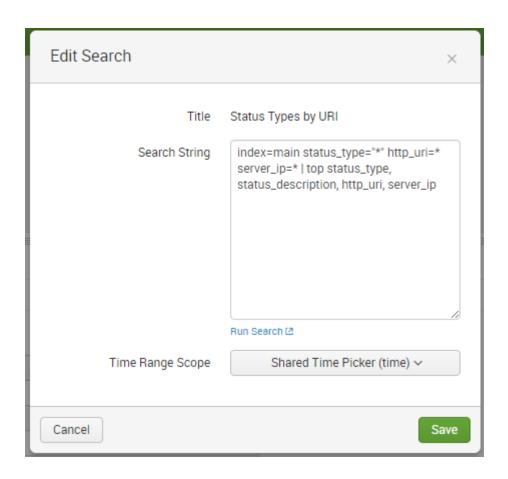


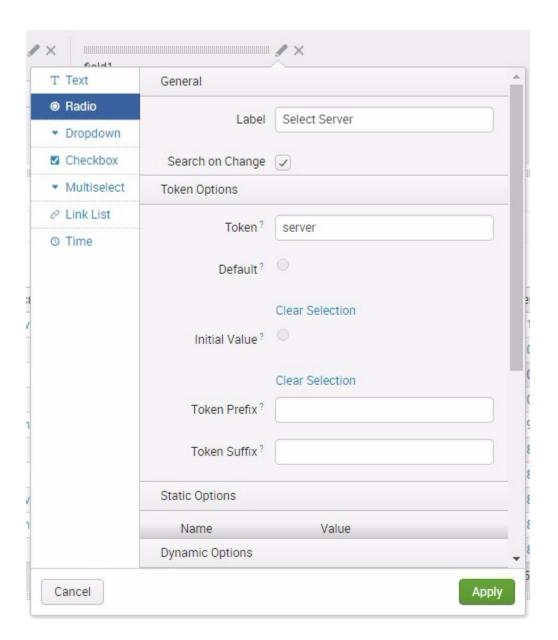


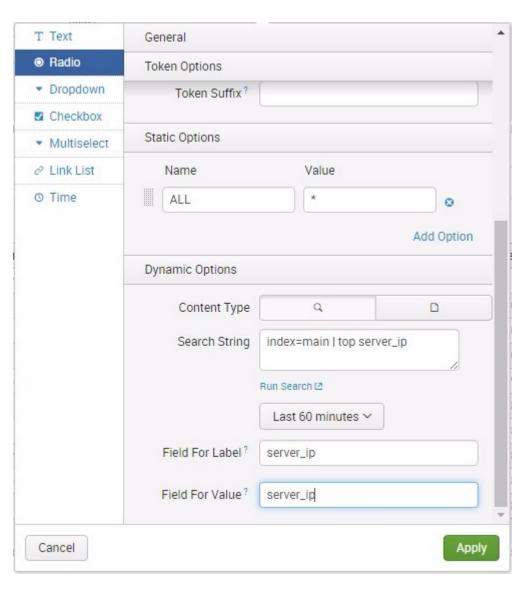


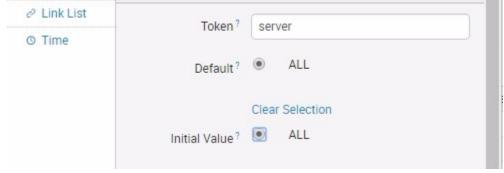


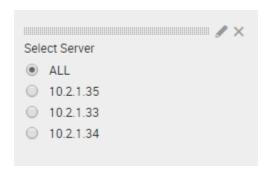


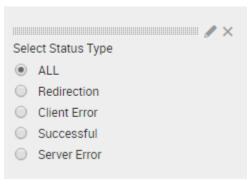


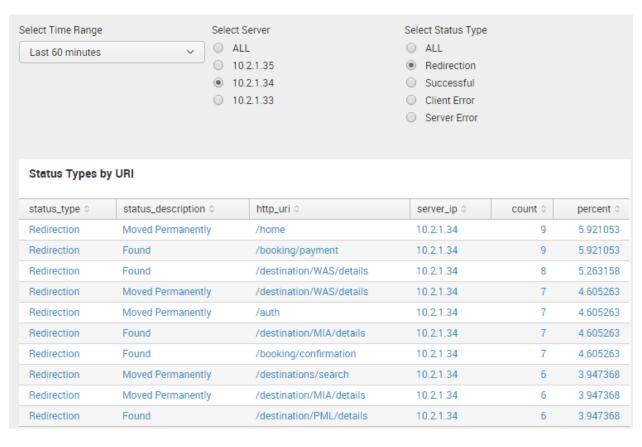


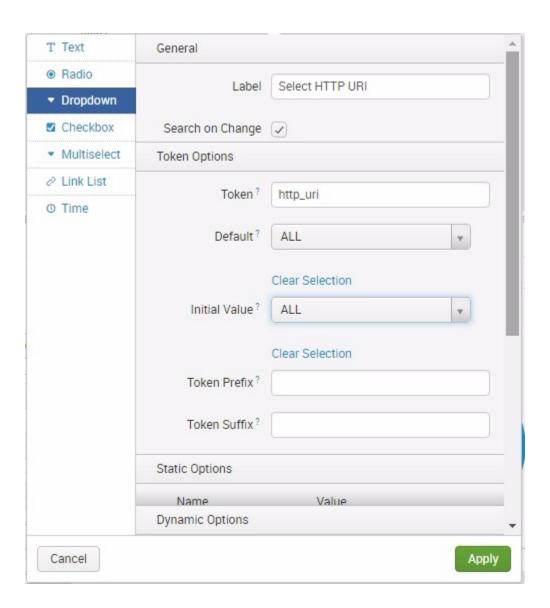


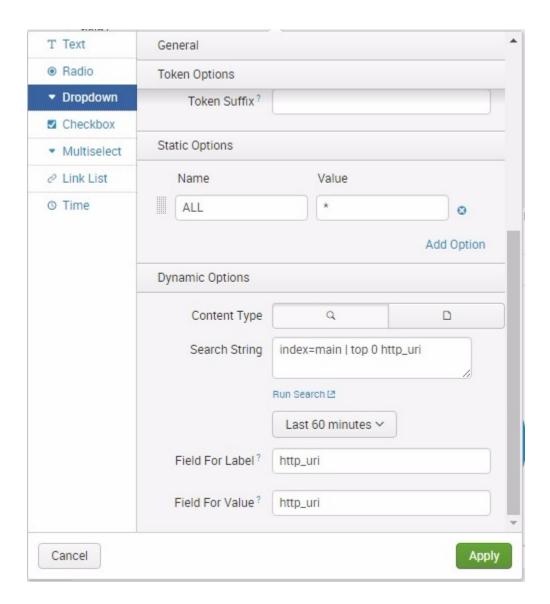


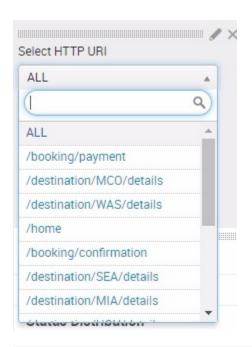


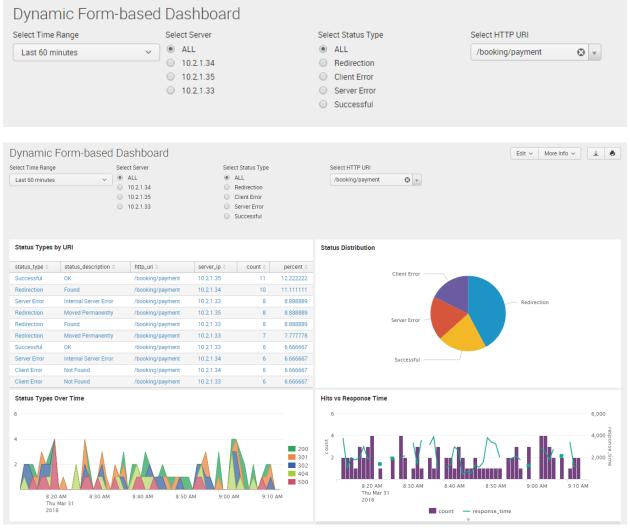


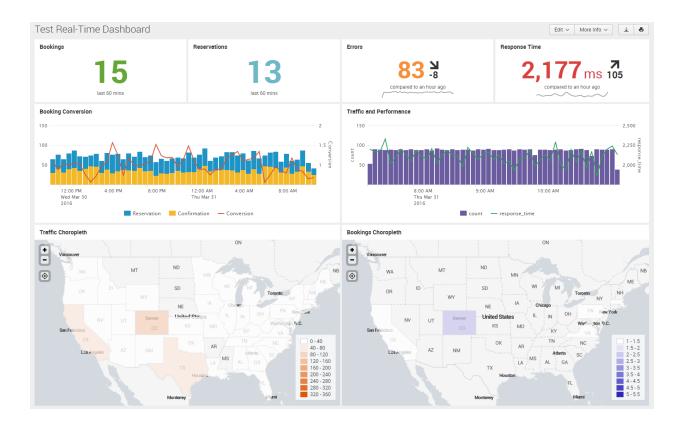


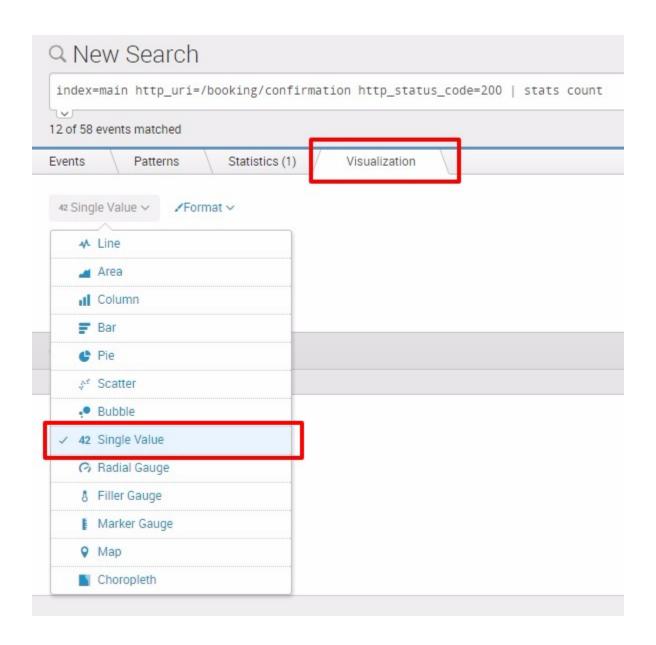


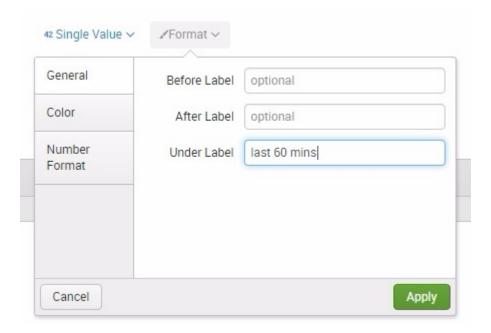


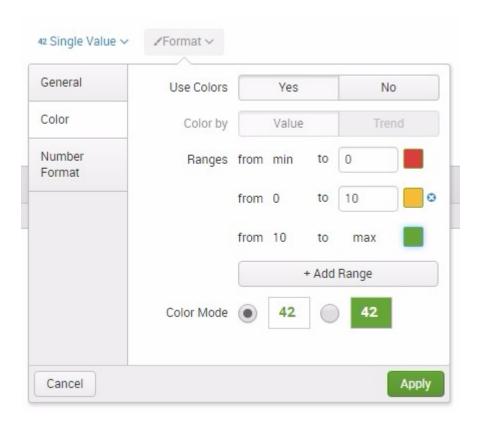


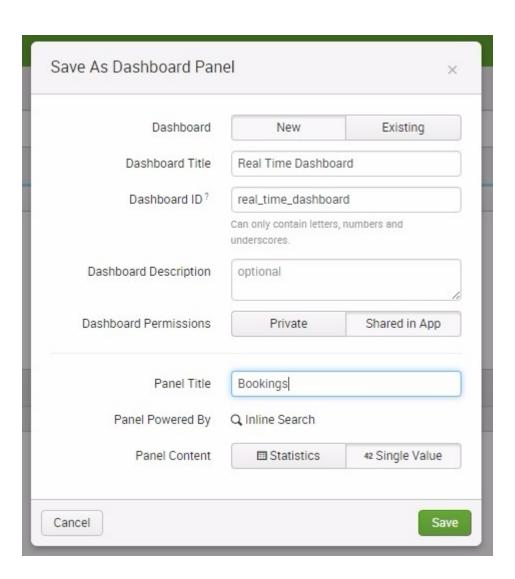


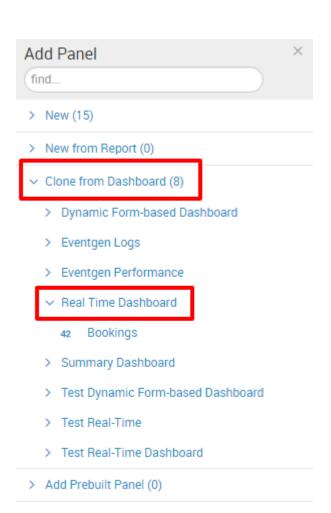


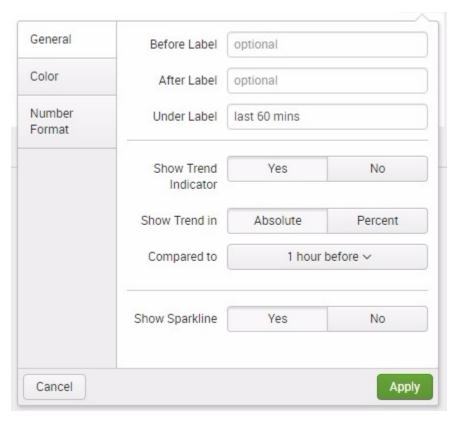


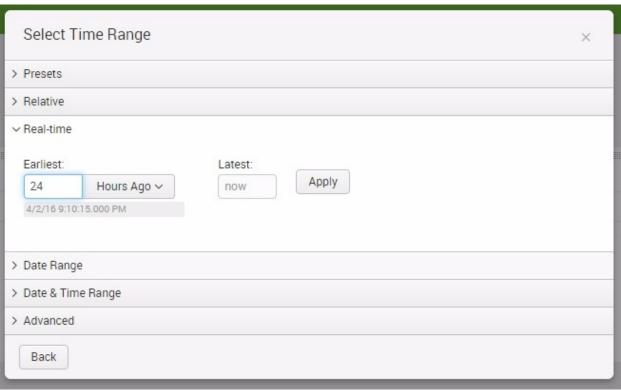




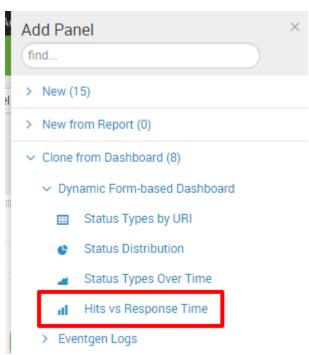






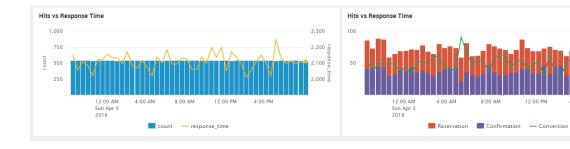


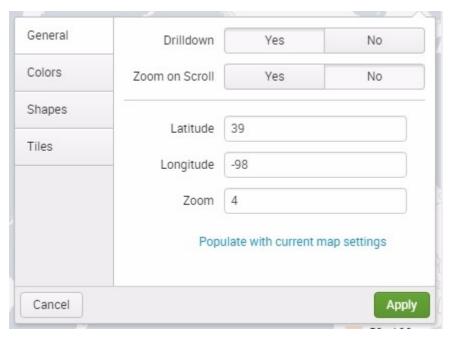


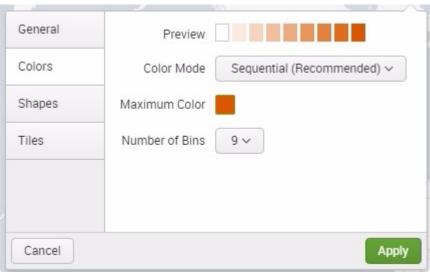


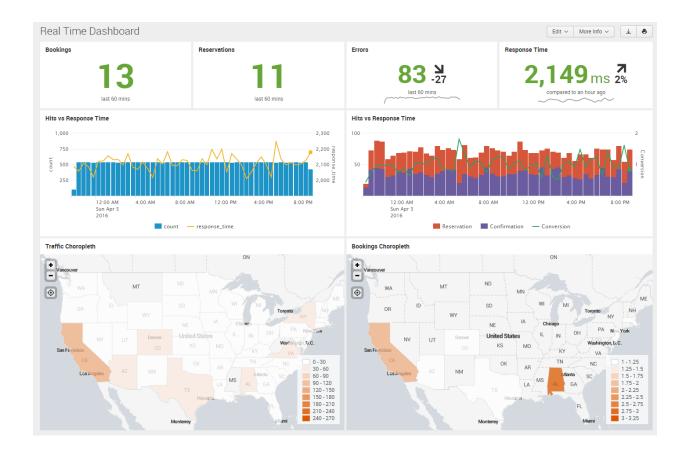


- Clone from Dashboard (8)
 - > Dynamic Form-based Dashboard
 - > Eventgen Logs
 - > Eventgen Performance
 - Real Time Dashboard
 - 42 Bookings
 - 42 Reservations
 - 42 Errors
 - 42 Response Time
 - III Hits vs Response Time
 - > Summary Dashboard









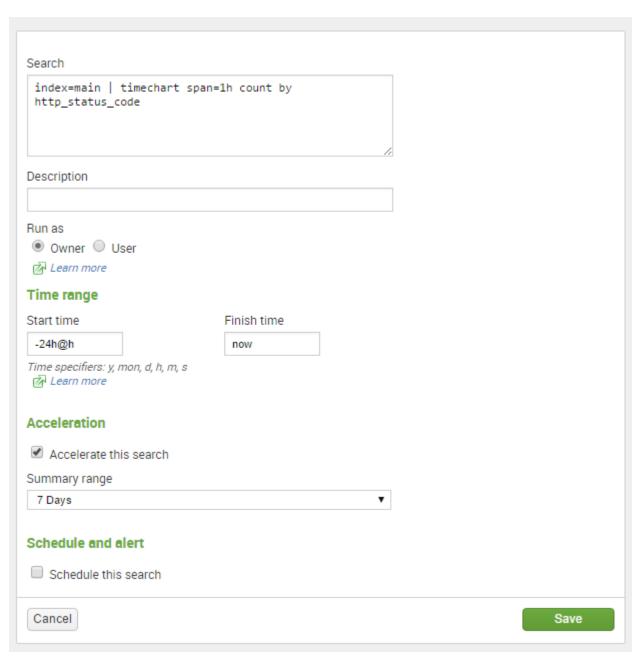
Chapter 7: Splunk SDK for JavaScript and D3.js

```
jobs.js

// require packages
var CronJob = require('cron').CronJob

// create a basic function
function hello_splunk() {
    console.log('hello splunk. give me your data.')
}

// create a cron job that executes the hello_splunk
// function every 5 seconds
new CronJob('*/5 * * * * * *', function() {
    hello_splunk()
}, function() {
    // execute when job stops
}, true)
```



```
// require packages
var CronJob = require('cron').CronJob
var splunkjs = require('splunk-sdk')
var fs = require('fs')
```

```
// cron job runs every 30 secs
new CronJob('*/30 * * * * * *', function() {
    // fetch the saved searchName
    fetchSavedSearch(renderResults, 'sdk_status_codes')
}, function() {}, true)
```

```
// define the splunk service
var service = new splunkjs.Service({
   username:"admin",
   password:"changed", // Use your own admin password
   scheme:"https",
   host:"localhost",
   port:"8089",
   version:"6.4"
});
```

```
// render the results of the saved search as part of the callback
// and write the payload to a JSON file
function renderResults(data, searchName) {
   console.log(data) // print out the result in the console
   // generate the json file
   fs.writeFile(__dirname + '/public/'+searchName+'.json', JSON.stringify(data),
   function (err) {
    if (err) throw err
      console.log(new Date() + ' Written ' + searchName + '.json')
   })
}
```

```
function fetchSavedSearch(callback, searchName) {
 var savedSearches = service.savedSearches({
     owner: "admin",
 savedSearches.fetch(function (err, savedSearches) {
     console.log(err)
     callback('error', searchName)
     if (savedSearches.item(searchName) != null) {
       var savedSearch = savedSearches.item(searchName)
       savedSearch.dispatch({
            force dispatch: false,
         }, function(e, job) {
            console.log(e)
            callback('error', searchName)
            job.setTTL(60, function(err, job) {});
             period: 200
             done: function(job) {
               }, function(err, results, job) {
                  console.log('Job Succeeded: ' + searchName)
                   rows: results.rows
                 }, searchName)
              failed: function(job) {
               console.log("Job failed")
               callback('failed', searchName)
               console.log(err);
               callback('error', searchName)
```

```
Fields: [ '_time', 'count', '_span' ],
           '2016-05-19T09:00:00.000-04:00',
'2016-05-19T10:00:00.000-04:00',
                                                                                                 '3600'
                                                                                                 '3600'
           '2016-05-19T11:00:00.000-04:00',
'2016-05-19T12:00:00.000-04:00',
                                                                                                 '3600'
                                                                                                 '3600'
           '2016-05-19T13:00:00.000-04:00',
'2016-05-19T14:00:00.000-04:00',
                                                                                                 '3600'
                                                                                                 '3600'
            '2016-05-19T15:00:00.000-04:00
                                                                                                 '3600'
            '2016-05-19T15:00:00.000-04:00',
'2016-05-19T16:00:00.000-04:00',
                                                                                                 '3600'
            '2016-05-19T17:00:00.000-04:00',
'2016-05-19T18:00:00.000-04:00',
                                                                                                 '3600'
                                                                                                 '3600'
           '2016-05-19T19:00:00.000-04:00',
'2016-05-19T20:00:00.000-04:00',
'2016-05-19T21:00:00.000-04:00',
'2016-05-19T22:00:00.000-04:00',
'2016-05-19T23:00:00.000-04:00',
            '2016-05-19T19:00:00.000-04:00'
                                                                                                 '3600'
                                                                                                 '3600'
                                                                                                 '3600'
          '2016-05-19T23:00:00.000-04:00',
'2016-05-20T00:00:00.000-04:00',
'2016-05-20T01:00:00.000-04:00',
'2016-05-20T01:00:00.000-04:00',
'2016-05-20T03:00:00.000-04:00',
'2016-05-20T04:00:00.000-04:00',
'2016-05-20T05:00:00.000-04:00',
'2016-05-20T05:00:00.000-04:00',
'2016-05-20T07:00:00.000-04:00',
'2016-05-20T08:00:00.000-04:00',
'2016-05-20T08:00:00.000-04:00',
'2016-05-20T09:00:00.000-04:00',
'2016-05-20T09:00:00.000-04:00',
                                                                                                  '3600'
                                                                                                 '3600'
                                                                                                 '3600'
                                                                                                 '3600'
                                                                                                 '3600'
                                                                                                 '3600'
                                                                                     '0'
                                                                                                 '3600'
                                                                                     '0'
                                                                                                '3600'
'3600'
                                                                                     '1',
'12',
                                                                                    '10',
'13',
                                                                                                  '3600'
                                                                                                  '3600'
ri May 20 2016 09:47:31 GMT-0400 (Eastern Daylight Time) :: Successfully written JSON file: sdk_good_bookings.json
```

Index of /

```
(-rw-rw-rw-) 2.2k sdk status codes.json
```

Node.js v5.1.1/ <u>ecstatic</u> server running @ localhost:8080

```
(function() {
  var chartId = '#status_codes_chart'
  var margin = {top: 60, right: 50, bottom: 20, left: 20}
  var width = parseInt(d3.select(chartId).style('width')) - margin.left - margin.right
  var height = parseInt(d3.select(chartId).style('height')) - margin.top - margin.bottom
  //var width = 600;
  //var height = 300;
```

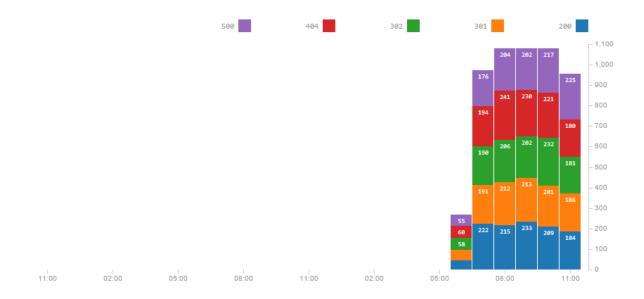
```
var svg = d3.select(chartId).append("svg")
    .attr("width", width + margin.left + margin.right)
    .attr("height", height + margin.top + margin.bottom)
    .append("g")
    .attr("transform", "translate(" + margin.left + "," + margin.top + ")");

var categories = ["200", "301", "302", "404", "500"]

drawChart()
```

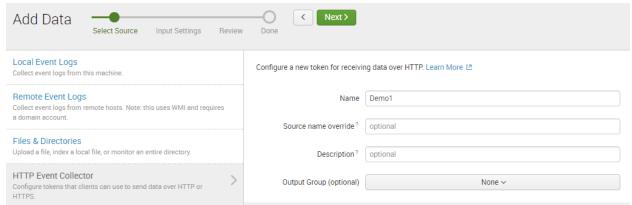
```
function drawChart() {
    d3.json('/sdk_status_codes.json', function(error, json) {
        if (error) return console.warn(error)
        var data = []
        for(var i = 0; i < json.rows.length; i++) {
            data.push({
                "date": new Date(json.rows[i][0]),
                "200": parseInt(json.rows[i][1]),
                "301": parseInt(json.rows[i][2]),
                "302": parseInt(json.rows[i][3]),
                "404": parseInt(json.rows[i][4]),
                "500": parseInt(json.rows[i][5])
            })
        }
}</pre>
```

Real Time Dashboard



Chapter 8: HTTP Event Collector





Input Settings

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

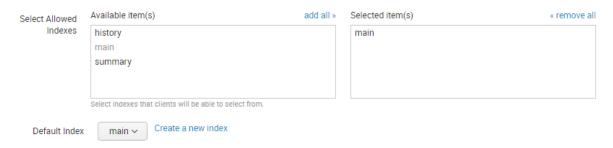
Source type

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.

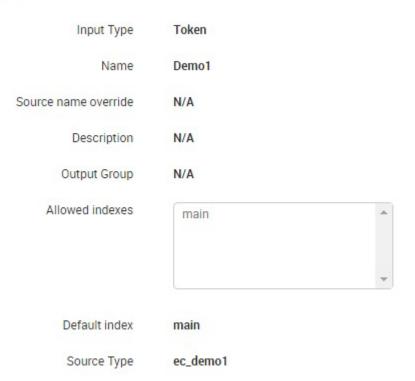
	Automatic	Select	New
Source Type	ec_demo1		
Source Type Category	Custom ~		
Source Type Description			

Index

Splunk stores incoming data as events in the selected index. Consider using a "sandbox" index as a destination if you have problems determining a source type for your data. A sandbox index lets you troubleshoot your configuration without impacting production indexes. You can always change this setting later. Learn More 🔼



Review





```
Administrator: Windows PowerShell ISE
                                                                                                                                                                                                                                                                                                                          File Edit View Tools Debug Add-ons Help
 Untitled1.ps1 ec_demo1.ps1 X
        # Change your EC Token here

Stoken = '49CB0FF2-C685-4277-B744-6550516175CF'
             # Disable SSL Validation
[System.Net.ServicePointManager]::ServerCertificateValidationCallback = {$true}
             # Create a dictionary object to contain the HTTP headers
| Sheaders = New-Object "System.Collections.Generic.Dictionary[[String], [String]]"
   # Create an HTTP Authorization header with the EC Token

Sheaders - Add("Authorization", 'Splunk ' + Stoken)

# Create the JSON data that will be sent along with the POST request

| Sevent = @{
| Sevent = @{
| Sison = Sevent | ConvertTo-Json
| Initiate the POST request including the headers and the JSON payload
| Fresponse = Invoke-RestMethod 'https://localhost:8088/services/collector' -Method Post -Body Sjson -ContentType 'application/json' -Headers Sheaders

# Echo the response
| Write-Host Sresponse | 
  Administrator: Windows PowerShell ISE
 File Edit View Tools Debug Add-ons Help
                                                                                                                                                                     Untitled1.ps1 ec_demo1.ps1 X
                 <!doctype html>
                         <title>Real Time Dashboard</title>
                         <link rel="stylesheet" href="/status codes chart.css"></style>
                 </head>
                        <h3>Real Time Dashboard</h3>
                         <div id="status codes chart"></div>
                      <script src="https://d3js.org/d3.v3.min.js" charset="utf-8"></script>
                         <script src="/status_codes_chart.js"></script>
                  </body>
                  </html>
```

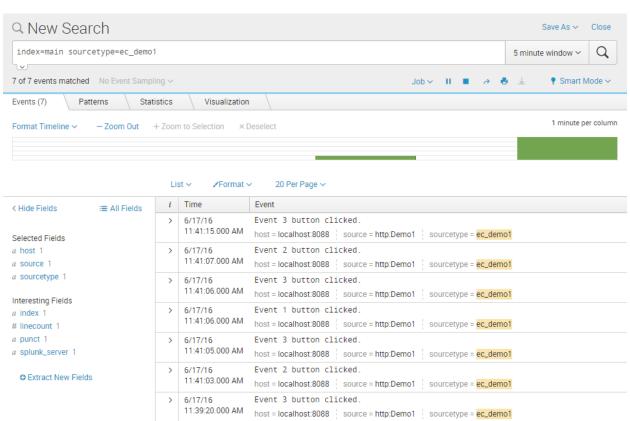
HTTP Event Collector UI Tester

Click Event 1 Click Event 2 Click Event 3

```
var ecToken = '49CB0FF2-C685-4277-B744-6550516175CF'; // Your EC Token

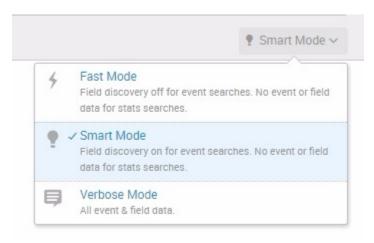
function splunkIt(object, clickEvent) {
   console.log(object, event);
   var xhr = new XMLHttpRequest();

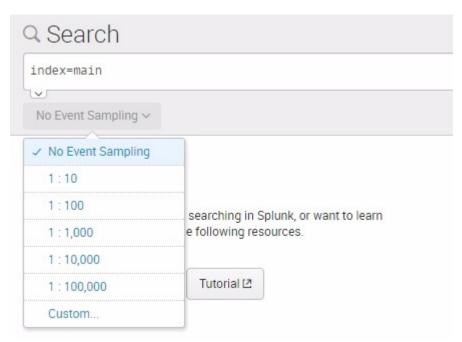
   xhr.open('POST', 'http://localhost:8088/services/collector', true);
   xhr.setRequestHeader('Authorization', 'Splunk ' + ecToken);
   xhr.withCredentials = true;
   xhr.onload = function() {
     if (xhr.status === 200) {
        var userInfo = JSON.parse(xhr.responseText);
     }
   };
   xhr.send(JSON.stringify({
      event: clickEvent
   }));
};
```



```
i
  Time
                   Event
                   [-]
   8/11/16
>
    8:37:27.117 AM
                      message: { [-]
                        event: logging event #0.8825588226318359
                        msg: Posted successfully.
                        name: logger
                        pid: 5892
                        v: 0
                      }
                      severity: info
                   Show as raw text
                   host = WIN-DTI1F5NUKEN | source = http:Demo1 | sourcetype = ec_demo1
                   { [-]
>
   8/11/16
   8:19:31.565 AM
                   message: { [+]
                      severity: info
                   }
                   Show as raw text
                   host = WIN-DTI1F5NUKEN | source = http:Demo1 | sourcetype = ec_demo1
                  { [-]
   8/11/16
>
   8:18:48.394 AM
                     message: { [+]
                      severity: info
                   }
                   Show as raw text
                   host = WIN-DTI1F5NUKEN | source = http:Demo1 | sourcetype = ec_demo1
```

Chapter 9: Best Practices and Advanced Queries





20 Per Page V /Format V Preview V

Region 0	http_uri ‡
East	/destination/NY/details
East	/destination/MCO/details
East	/destination/MIA/details
Others	/destination/HOU/details
Others	/destination/WAS/details
Others	/destination/SEA/details
Others	/destination/PML/details
Others	/destination/AK/details
Others	/destination/LAX/details

20 Per Page ✓ ✓ Format ✓ Preview ✓

Region 0	http_uri ≎
Central	/destination/HOU/details
East	/destination/MCO/details
East	/destination/NY/details
East	/destination/MIA/details
West	/destination/WAS/details
West	/destination/LAX/details
West	/destination/PML/details
West	/destination/AK/details