.conf2015

I See What You're Doing Up There

How to leverage SaaS apps from Splunk to gain total visibility into your user activity in the cloud

splunk>

Jason Conger
Practice Manager, Splunk

Elias Haddad
Product Lifecycle Engineer, Splunk

Wissam Ali-Ahmad
Sr. Sales Engineer, Splunk

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You need visibility into your SaaS applications for better business insight.


ura Poitras/Praxis Films

How To Splunk The Saas Data

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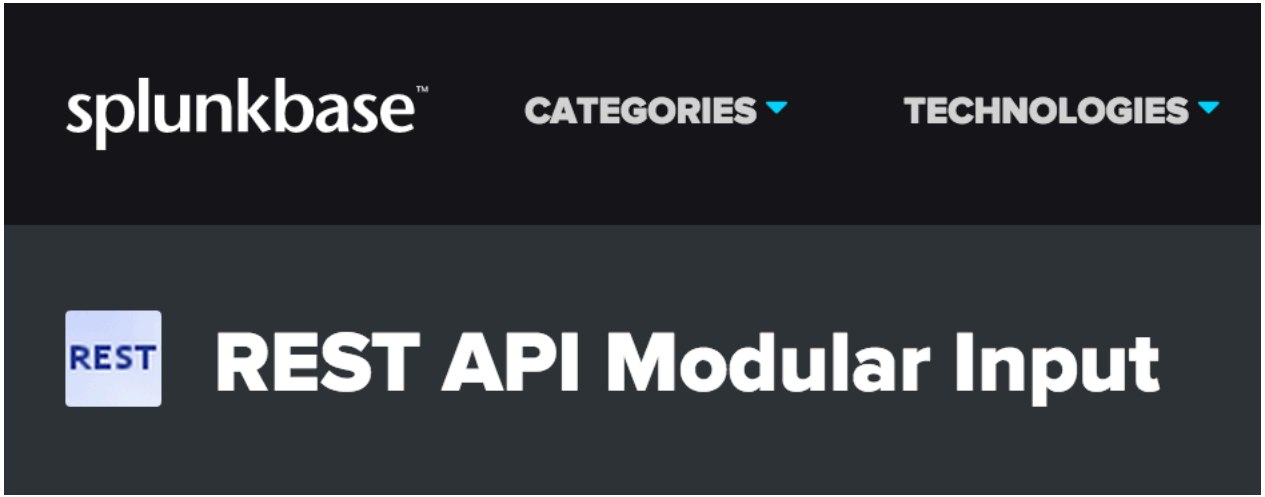
REST



https://splunkbase.splunk.com/app/1546/

How Do You Know What To Query?

ID	Time	Data
1	2015-09-24 11:00:00	Text
2	2015-09-24 11:00:00	Text
3	2015-09-24 11:00:00	Text
4	2015-09-24 11:00:00	Text
5	2015-09-24 11:00:00	Text

my_app.conf
1st run: position = 0
2nd run: position = 300
3rd run: position = 630
Nth run: position = *x*

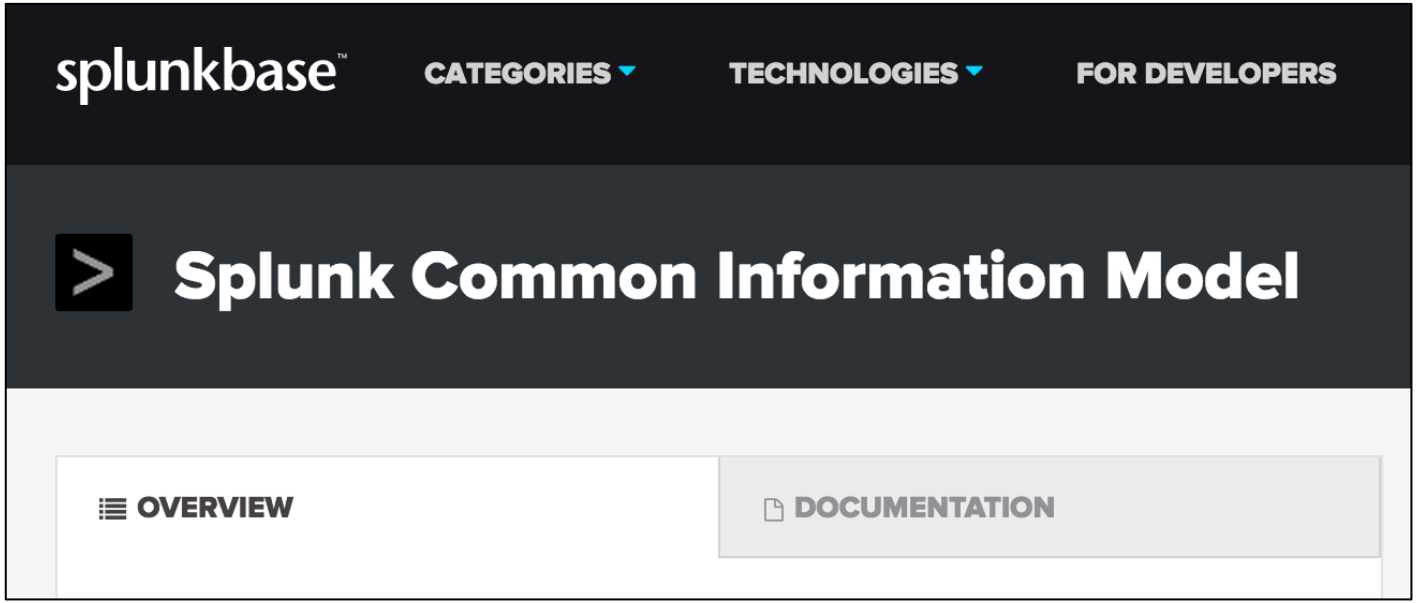
3rd Party Data
1st run: returned 0 – 300
2nd run: returned 301 – 630
3rd run: returned 630 - *x*

Pick Up Where You Left Off In Scripted And Modular Inputs

http://blogs.splunk.com/2014/09/22/pick-up-where-you-left-off-in-scripted-and-modular-inputs/

Report, Sync, Splunk

HTTP://


splunkbase
CATEGORIES
TECHNOLOGIES
FOR DEVELOPERS
Splunk Common Information Model
OVERVIEW
DOCUMENTATION

Visibility Of User Activities Across Saas Apps

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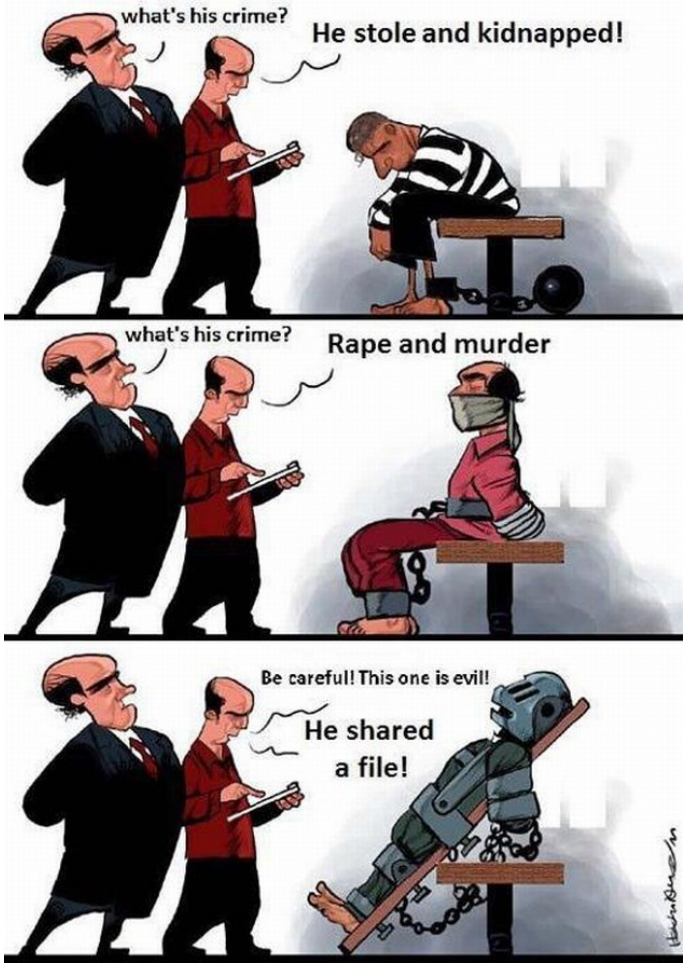
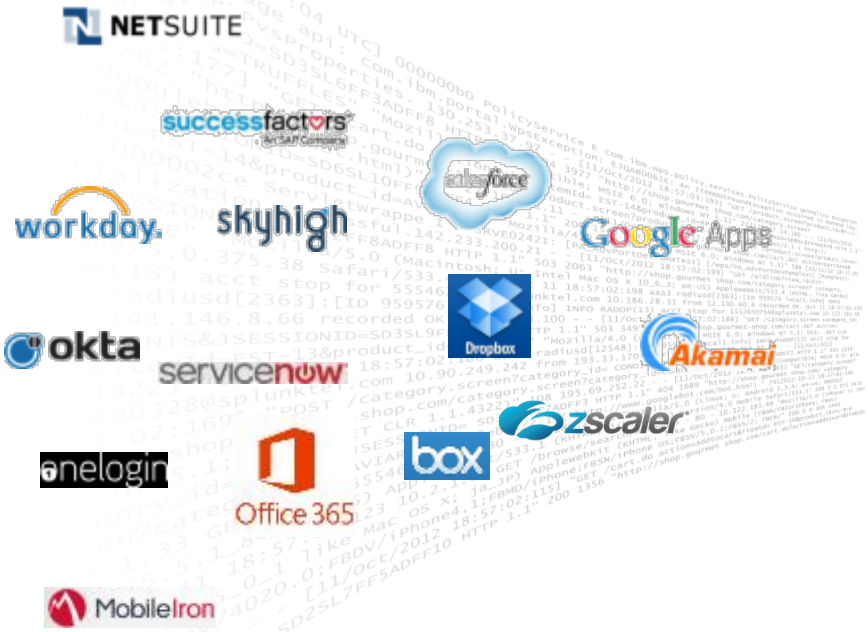

what's his crime?
He stole and kidnapped!
what's his crime?
Rape and murder
Be careful! This one is evil!
He shared a file!

Cloud Visibility with Splunk



Unified Cloud Visibility & Alerting

Splunk App for SalesForce

Splunk App for Dropbox

Splunk App for Okta

...

splunk>enterprise

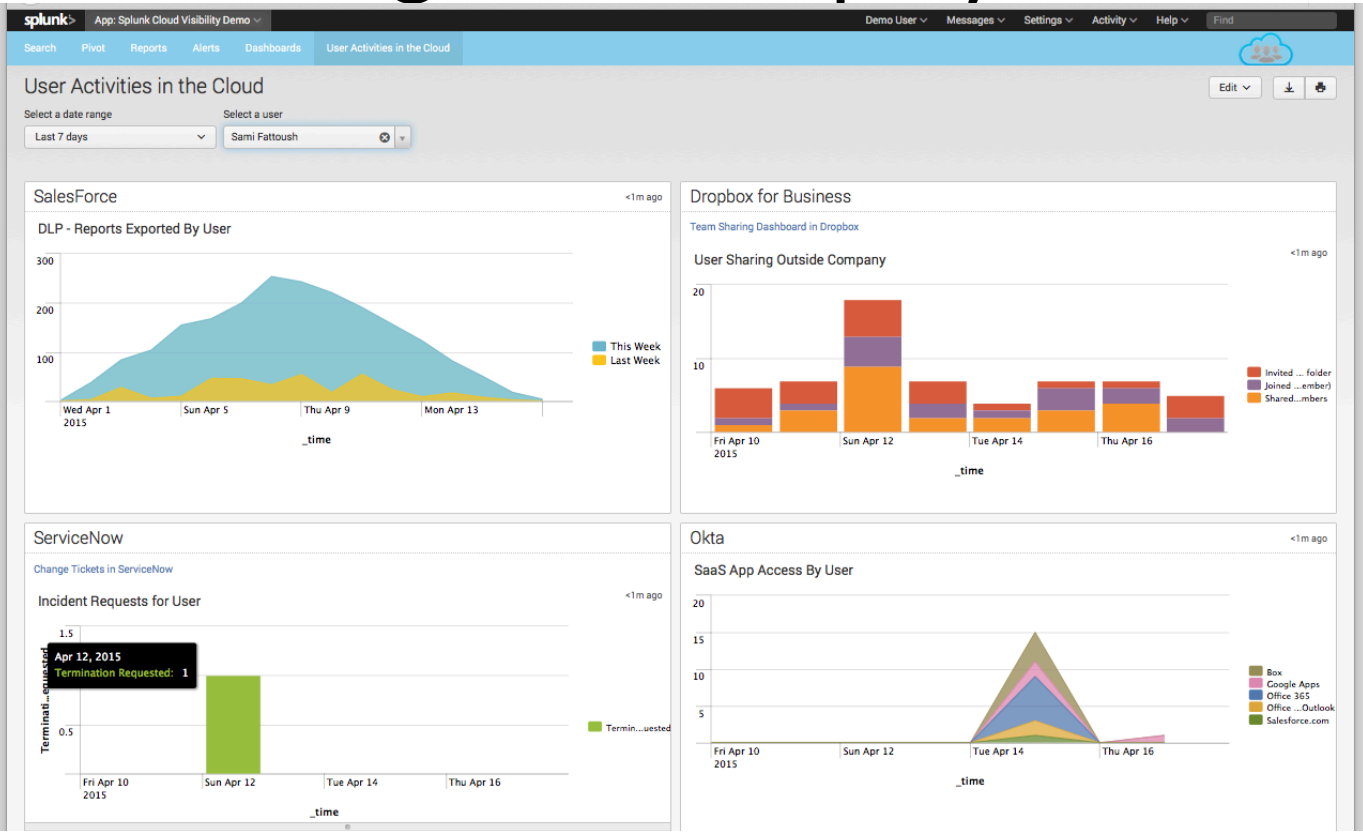
Monitor & Analyze User Behavior in SaaS Apps

- Login Analytics
  - Superman & Bruteforce scenarios (across multiple apps)
  - Predictive analytics of login activities (corp vs non-corp)
  - Audit for compliance: auto-lockout, multi-factor auth
- In-App Activity
  - App access (user, device, method and location)
  - Data upload and download trends (type, size)
  - In-app searches, keywords used
  - Collaboration: following what, who, how often
  - Third party apps authorized by user (rogue apps)

Data Loss Prevention

- Content Access Analytics
  - Export activities
    - Sudden burst of export activities within short period of time
  - Download trends
    - Large downloads of sensitive content
    - Folder events: too many shares to non-corporate users
- Collaboration membership events
  - Content sharing with non-team members (exfiltration)
- Rogue/Unknown Apps
  - Users authorizing unknown/unmanaged apps to access sensitive content

Disgruntle Employee



Demo

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THANK YOU

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