# Onboard your data faster with Add-on Builder



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### Agenda

- Why Add-on Builder
- What is Add-on Builder
- Features Highlights
- What's new in Add-on Builder 2.0
- Demo
- Q&A

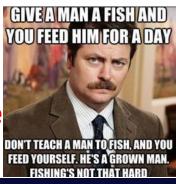
#### All Data is Relevant



#### Why Add-on Builder

- Expand the ecosystem of Partners, Vendors, and Customers building Add-ons
- Reduce the time spent by engineers building one-off Add-ons
- Improve consistency and adherence to best practices
- Enable Development Partners with the right tools to be successful

Accelerate development beyond what we can do alone



#### Refresher: What is an Add-on?



- Data Collection Modular Input
- Abstraction layer:
  - Field Extraction
  - CIM, Domain Add-on Mapping
  - Indexed-time extraction
- Data Enrichment using lookups
- Modular Alerts
- Saved Searches
- Pre-Built Panels

#### What is Add-on Builder

- Splunk Add-on Builder is an App on Splunkbase:
  - https://splunkbase.splunk.com/app/2962/
- The goals of the Splunk Add-on Builder are to:
  - Guide you through all of the necessary steps of creating an add-on
  - Reduce development and testing time
  - Follow best practices and naming conventions
  - Maintain CIM compliance
  - Maintain quality of add-ons
  - Validate and test the add-on, helping you to identify any limitations such as compatibilities and dependencies
  - Maintain a consistent look and feel while still making it easy for you to add branding

#### What does Splunk Add-on Builder do?



#### **Automate code generation**

- Intuitive and process driven UI
- Supports multiple input types, including shell, REST, and Splunk Python SDK



#### **Extract and Map fields**

- Extract fields using automated event analysis
- Map fields to CIM with click of button



#### Score Health of Add-on

- Validate for CIM compliance and naming conventions (best practices?)
- Detect problems with field extraction

Create Add-on using step by step process

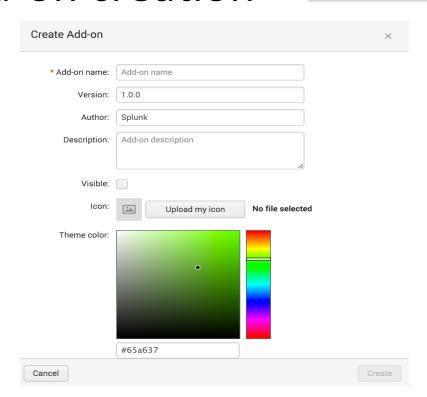
### Add-on Builder Feature Highlights



#### UI based Add-on creation



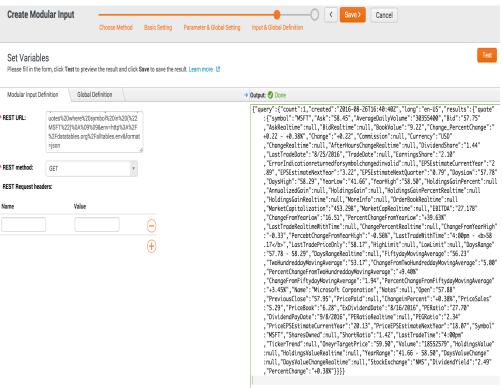
- UI Based Add-on creation
- Maintains a consistent look and feel while still making it easy for you to add branding
- Upload your add-on Logo and pick your color theme



#### Modular Input



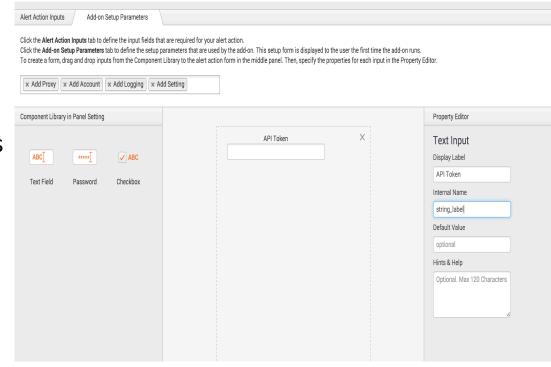
- Modular Input ease of creation
- If you have simple REST API:
  - We can generate the mod input modular for you without writing a single resturble line of code.
  - Can be tokenized
- If you have shell command or script
  - We will generate the mod input for you
  - Can be tokenized
- Real time code validation



#### Add-on Setup



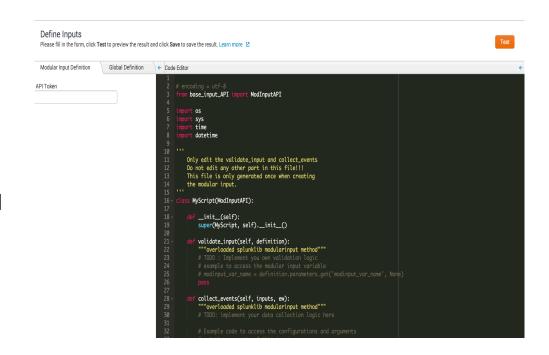
- Allows you to generate and build setup page without having to deal with setup.xml.
- Create you setup parameters or select default ones.
- Support multi-account
- Interactive
- Out of the box proxy support, password encryption, logging



#### Advanced Modular Input



- If you have more advanced data collection logic
- Real time code validation
- Includes library:
  - Checkpointing
  - Reading encrypted password from storage/password endpoint
  - Proxy
  - Accessing parameter values from setup page



#### Field Extraction



- Support various format inc Extract Fields > yahoo The summary below shows how you different format. Learn more 2
- Leverages machine learning
   based on format similarity
- Automatically generate reg

```
The summary below shows how your sample data was parsed for the JSON format. If the results look correct, click Save. Otherwise, click Cancel to return to the previous page to try parsing the data using a different format. Learn more 12

Data Summary

Sourcetype: yahoo Event: 1

Format: JSON

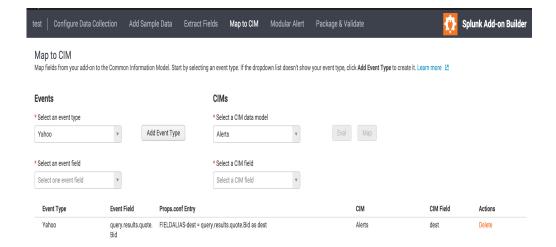
{ [-] query: { [-] count: 1 created: 2016-08-26T17:01:032 lang: en-US query: { [-] quere: { [+] } } }

Show as raw text
```

#### **CIM Mapping**



- UI based CIM mapping
- Map your Add-on fields to the Common information model in a click of a button



#### **Health Validation**



- Validate you Add-on for:
  - Best practices
  - CIM compliance
- Detect any field extraction problems
- Detect any problems with you modular inputs
- Certification readiness on roadmap



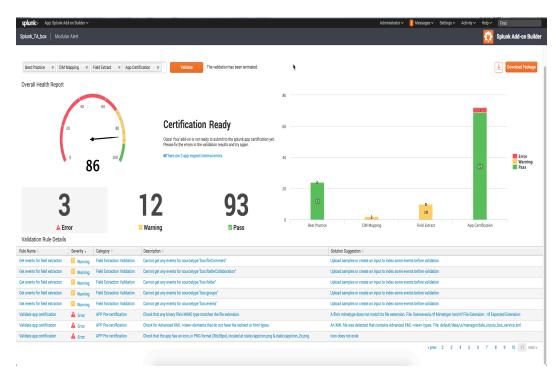
#### Whats new in Add-on Builder 2.0



#### Certification check

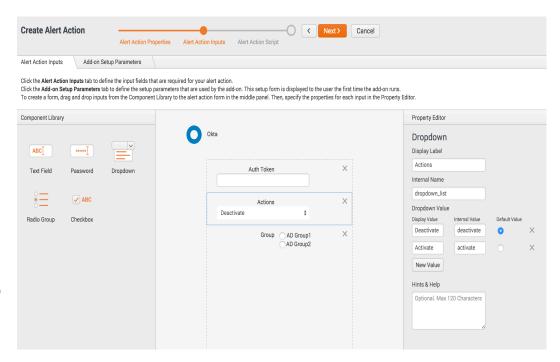


- Get pre-certified with a click of a button
- Relies on backend online certification services to run check
- Add-on Builder pushes the Add-on package to the service and waits for results to be returned.
- Results are displayed on validation step in Add-on Builder.



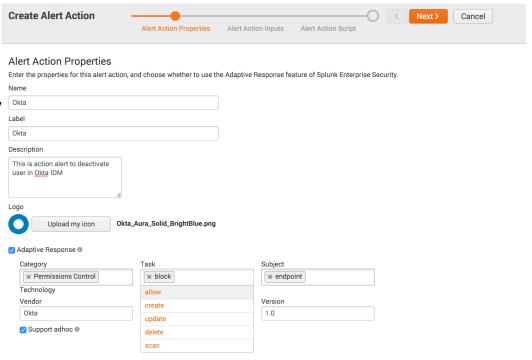
#### **Alert Action**

- Alert Action allows Splunk admins to take automatic actions from Splunk alert
- Example of existing Custom Alert actions on Splunkbase: ServiceNow Incident creation, Hipchat notifications
- Add-on Builder allows you to build test and validate Custom Alert Action in a simple UI based workflow.



#### Alert Action—Adaptive Response Show via demo

- Splunk Enterprise Security developed the Adaptive Response initiative to connect Splunk with third part security systems
- Adaptive Response is built on top of action alert to define the interactions between Enterprise Security UI and the undelying action alert.
- Supports adhoc actions and alerts/automated



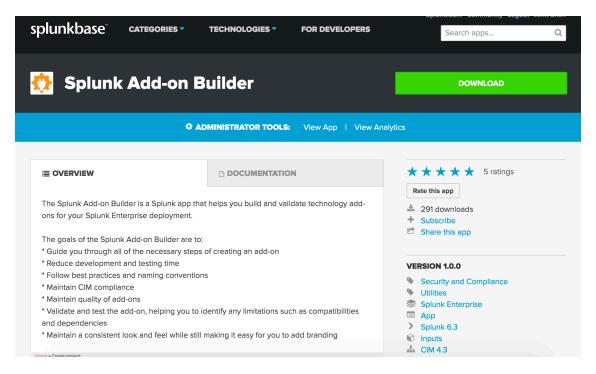
#### Questions



## THANK YOU



#### Where can I download this app?



https://splunkbase.splunk.com/app/2962/#/overview

### Data models covered by CIM

- Alerts
- Application State
- Authentication
- Change Analysis
- Databases
- Email
- Interprocess Messaging
- Intrusion Detection/ Prevention
- Inventory

- Java Virtual Machines
- Malware
- Network Sessions
- Network Traffic
- Performance
- Splunk Audit Logs
- Vulnerabilities
- Web