Hands-On Lab: Customize Dashboards for an Enhanced Network Management Experience with the CA Performance Management

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Hands-On Labs Goals

- Use different infrastructure management, network operations and service operations management products as data sources
- Combine data from CA Unified Infrastructure Management, CA Spectrum, CA Performance
 Management and CA Service Operations Insight on same dashboard
- Display relevant data on appealing, data-rich dashboards

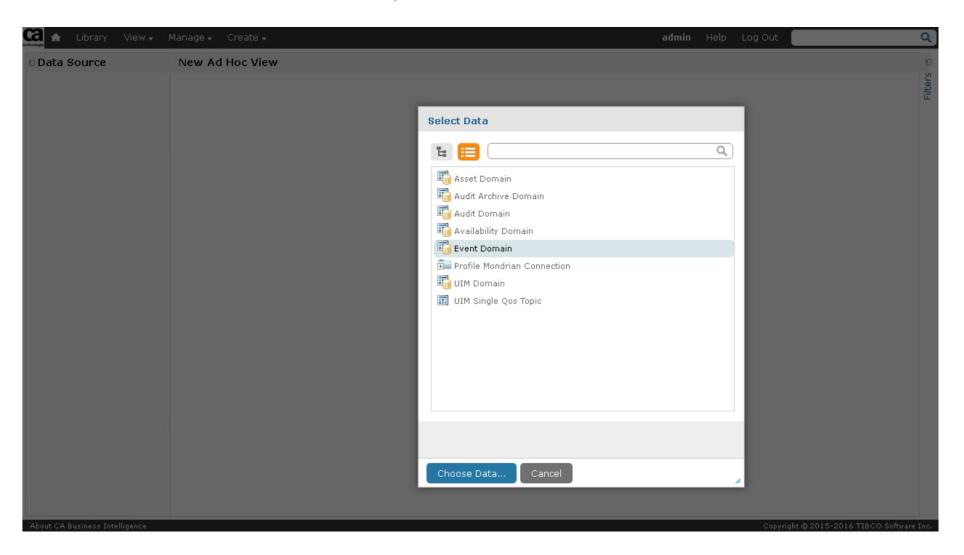


Hands-On Lab 1 – Ad Hoc Reporting: CA Spectrum Event Table Report



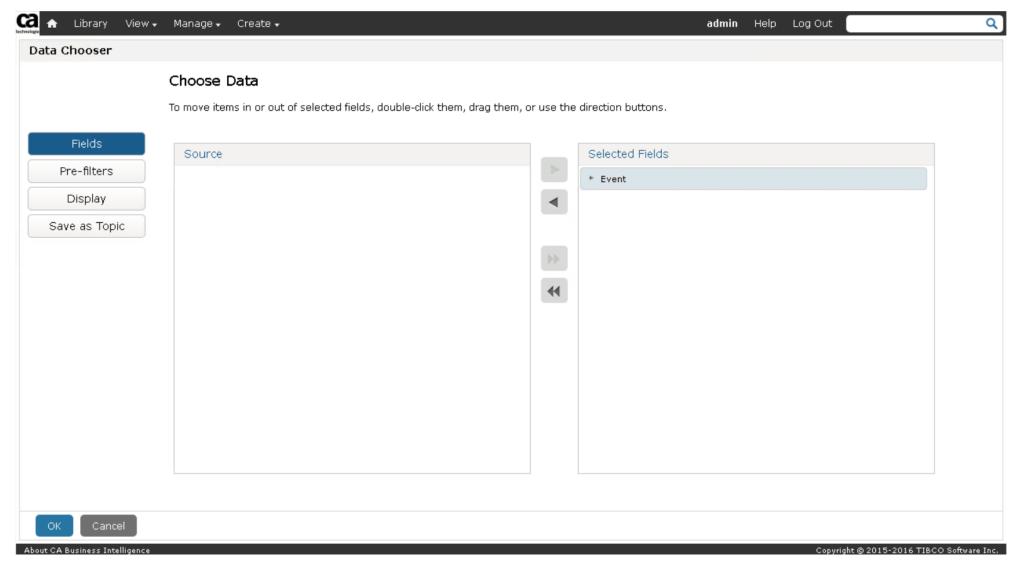
Creating an Ad-Hoc View: Creating Report

• Create a new ad-Hoc view. Use CA Spectrum Event Domain as data source.



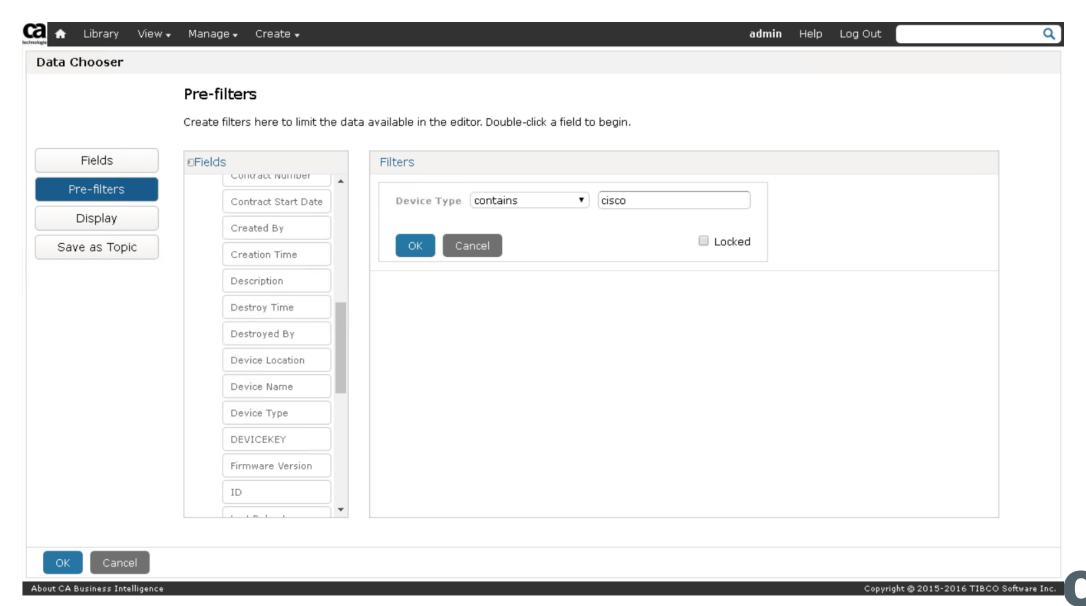


Choose Data – Select Event



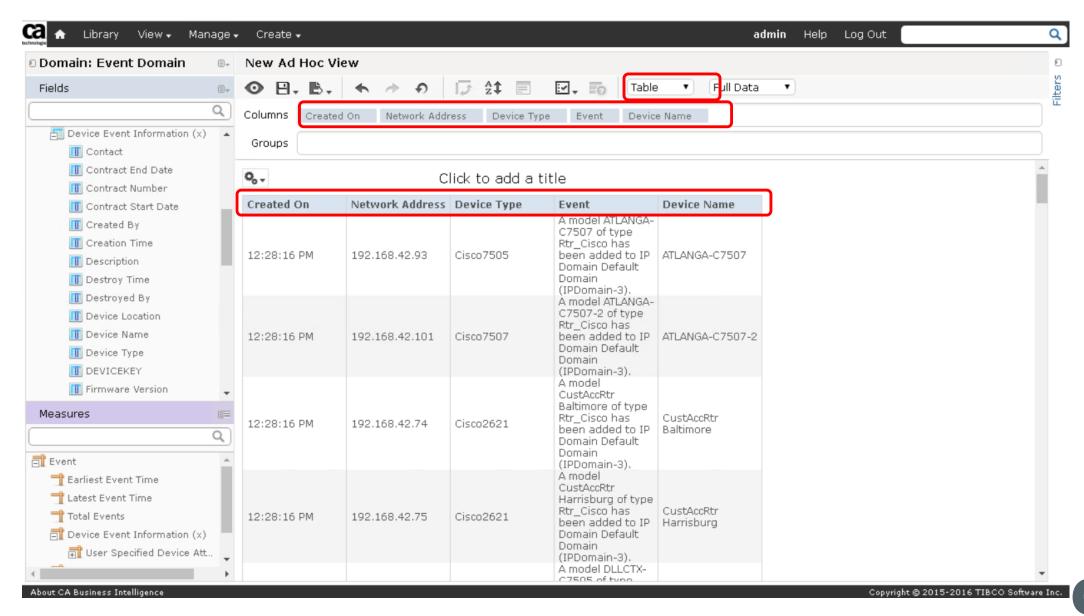


Add a Pre Filter – Device Type Contains "cisco"



technologies

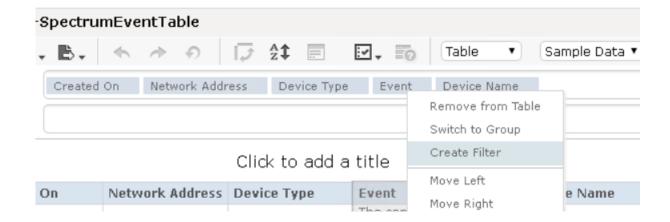
Ad Hoc View – Columns, View Type and Labels

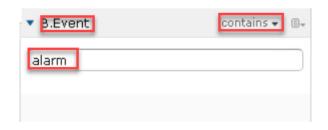


technologies

Right Click and Add Filters

- Right click on Field List or on Column elements
- Add 1 filter: Event "contains" "alarm"

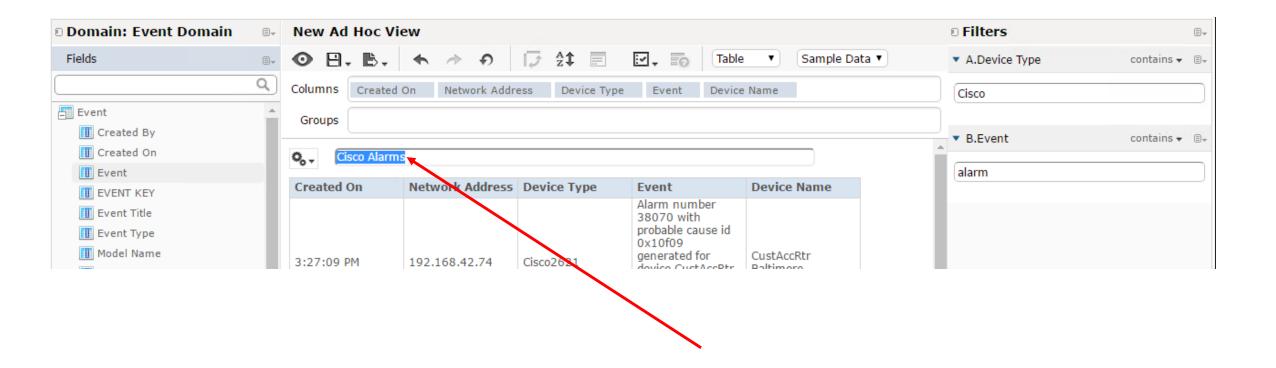




Apply



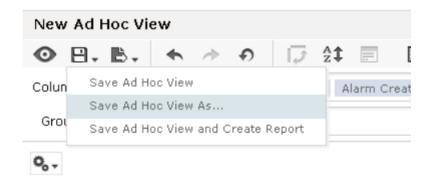
Change Ad-Hoc Title





Save Your Ad Hoc View

Save as:"[YourName] – SpectrumEventTable"

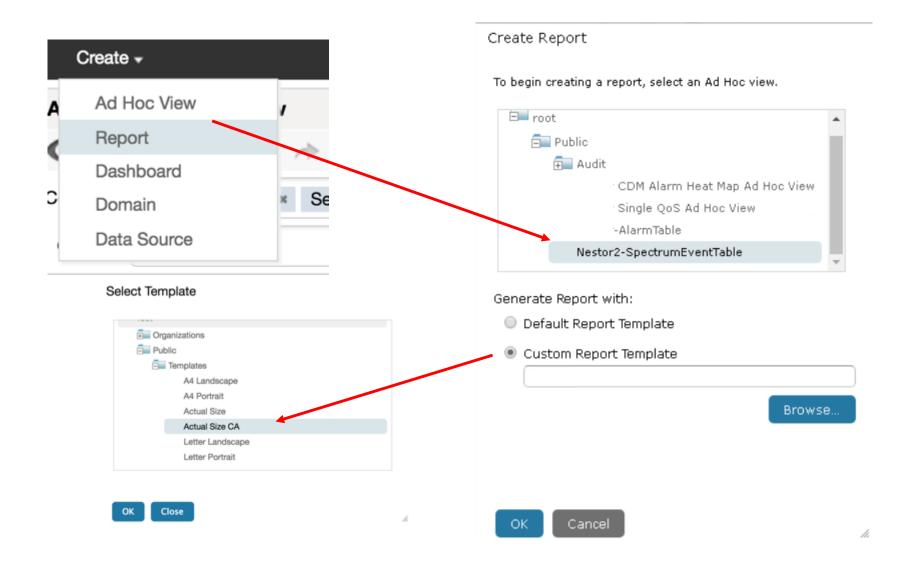


Save as:

Data View Name (required):					
YourName-SpectrumEventTable					
Data view Description:					
== root					
Organizations					
Public					
⊞ Ad Hoc Components					
⊕ Audit					
⊕ ca					
Input Controls					

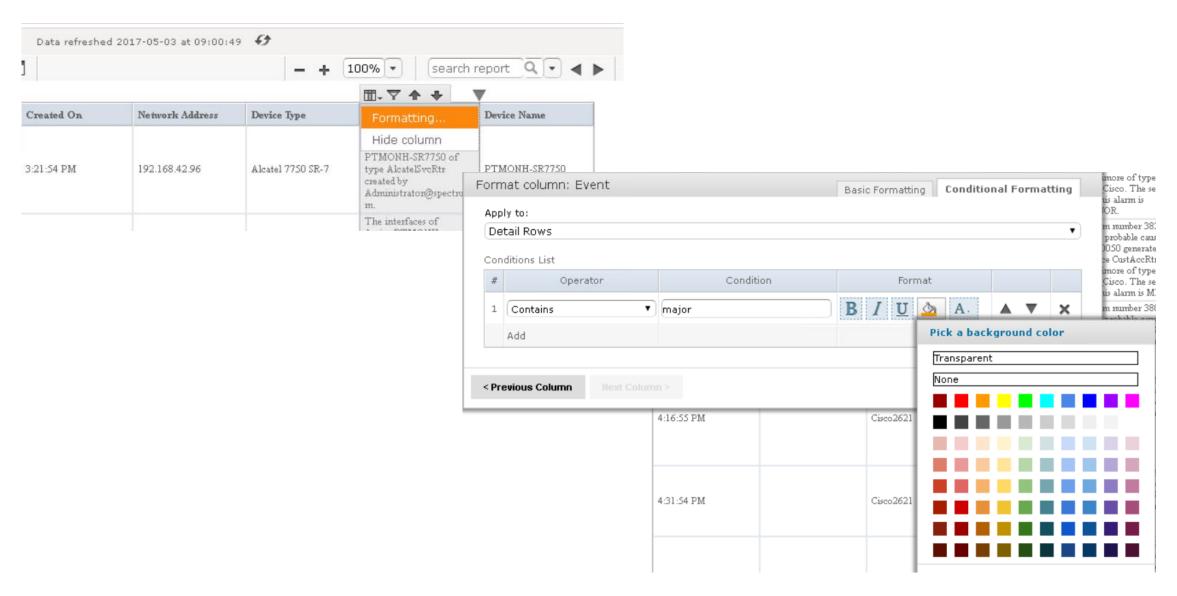


Create a Report from Your Ad Hoc View





Apply Conditional Formatting to Event Text



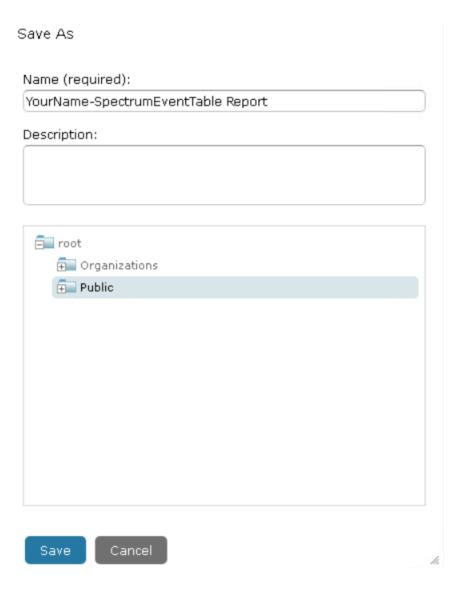


Apply Conditional Formatting to Event Text

Created On	Network Address	Device Type	Device Name	Major
3:27:09 PM		Cisco2621	CustAccRtr Baltimore	Alarm number 38070 with probable cause id 0x10f09 generated for device CustAccRtr Baltimore of type Rtr_Cisco. The severity of this alarm is MAJOR.
3:51:54 PM		Cisco2621	CustAccRtr Baltimore	Alarm number 38355 with probable cause id 0x10050 generated for device CustAccRtr Baltimore of type Rtr_Cisco. The severity of this alarm is MINOR.
3:51:54 PM		Cisco2621	CustAccRtr Baltimore	Alarm number 38070 with probable cause id 0x10f09 cleared for device CustAccRtr Baltimore of type Rtr_Cisco.
4:16:55 PM		Cisco2621	CustAccRtr Baltimore	Alarm number 38650 with probable cause id Ox10f09 generated for device CustAccRtr Baltimore of type Rtr_Cisco. The severity of this alarm is MAJOR.
4:31:54 PM		Cisco2621	CustAccRtr Baltimore	Alarm number 38650 with probable cause id 0x10f09 cleared for device CustAccRtr Baltimore of type Rtr_Cisco.



Save Your Report





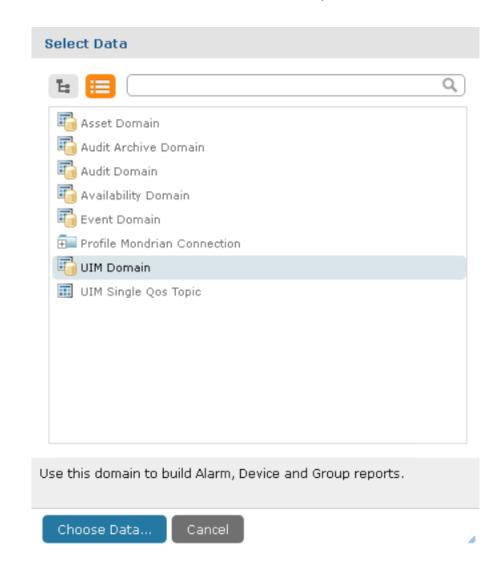
Hands-On Lab 2 – Ad Hoc Reporting: CA Unified Infrastructure Management Alarm Heat Map



Create a CA Unified Infrastructure Management Alarm Heat Map

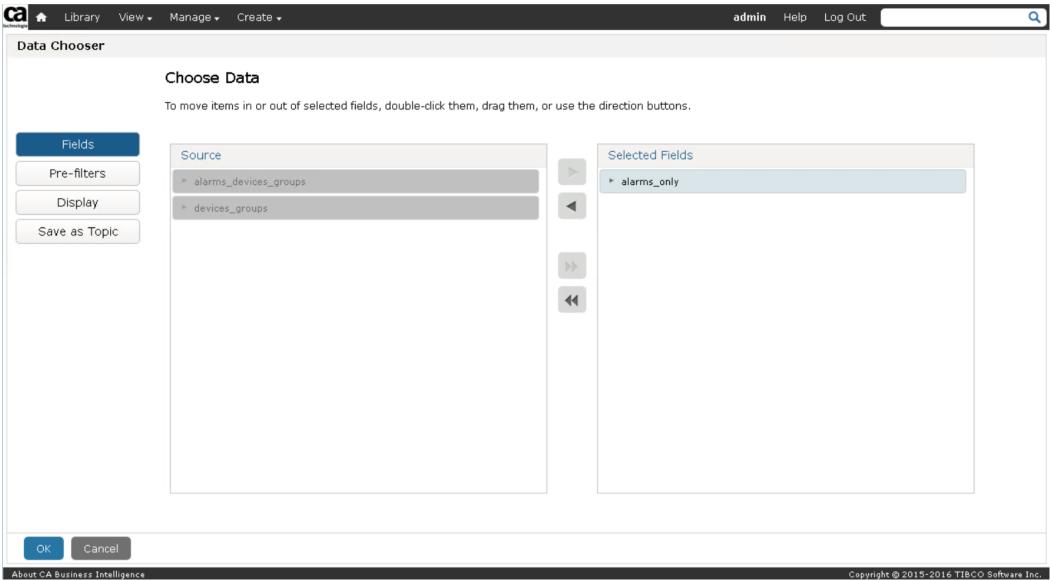
Create Ad Hoc View

Select "UIM Domain" as source

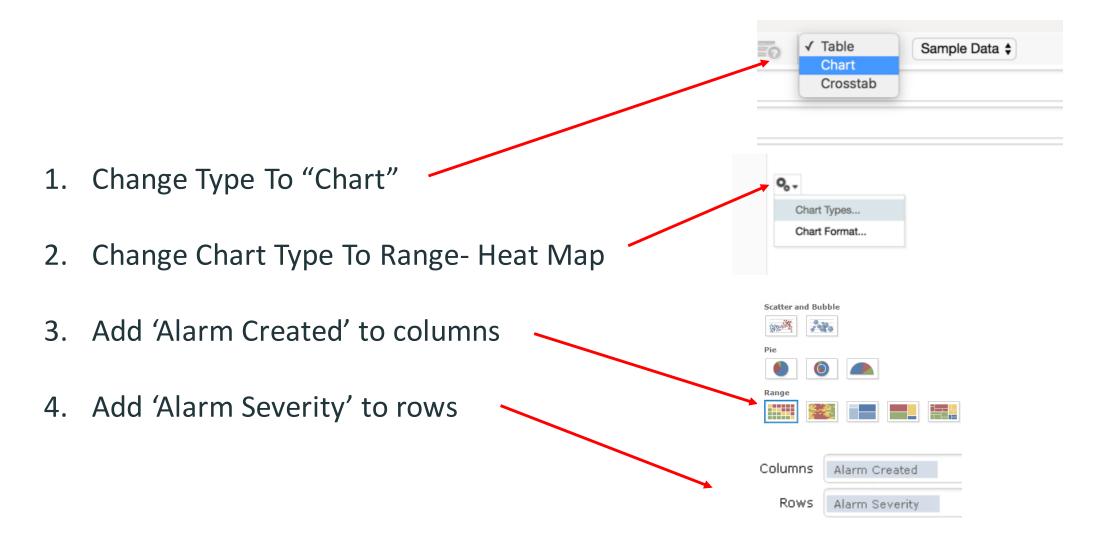




Choose Data

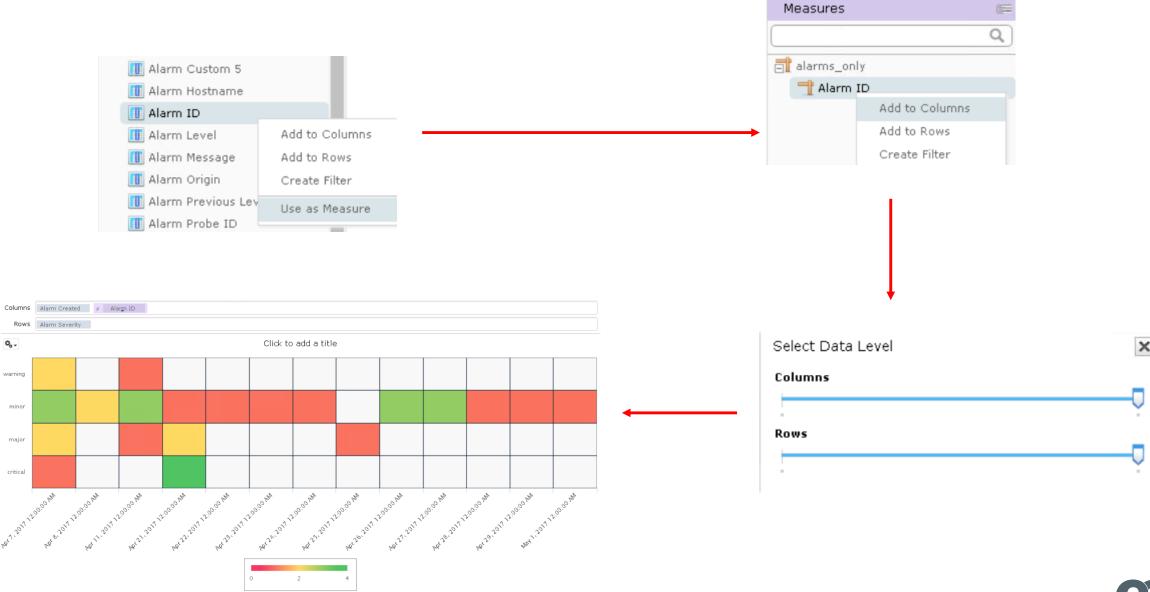


Edit Ad Hoc View



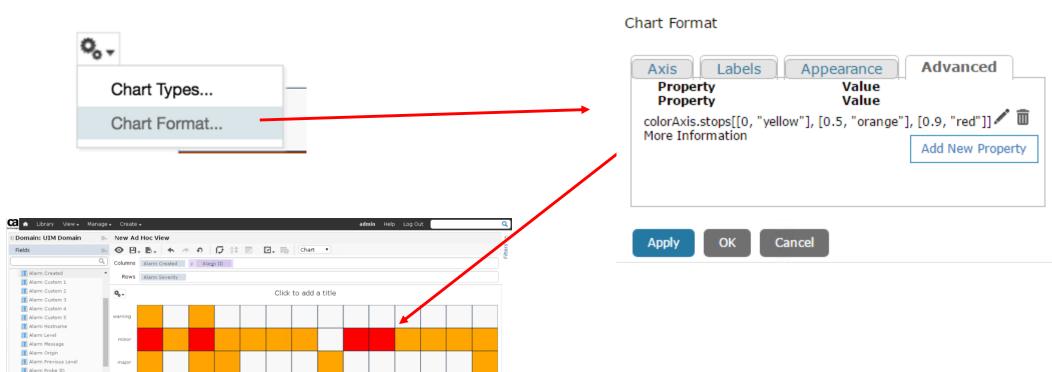


Create a Measure on "Alarm ID"



Optional – Apply Color Stops to Heat Map colorAxis.stops = [[0, "yellow"], [0.5, "orange"], [0.9, "red"]]

http://api.highcharts.com/highmaps/colorAxis.stops





III Alarm Severity
III Alarm State

alarms_only

Set Chart Title Name

CA Unified Infrastructure Management Alarm Heat Map

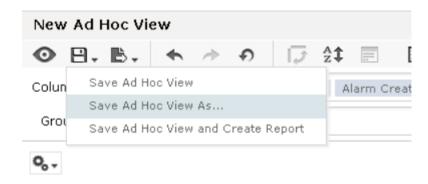


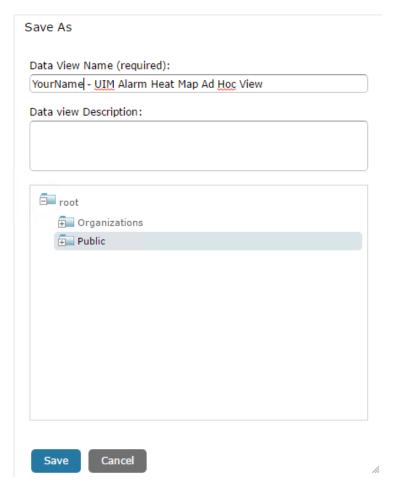


Save Ad Hoc View

Save As ...

"[YourName] – UIM Alarm Heat Map Ad Hoc View"





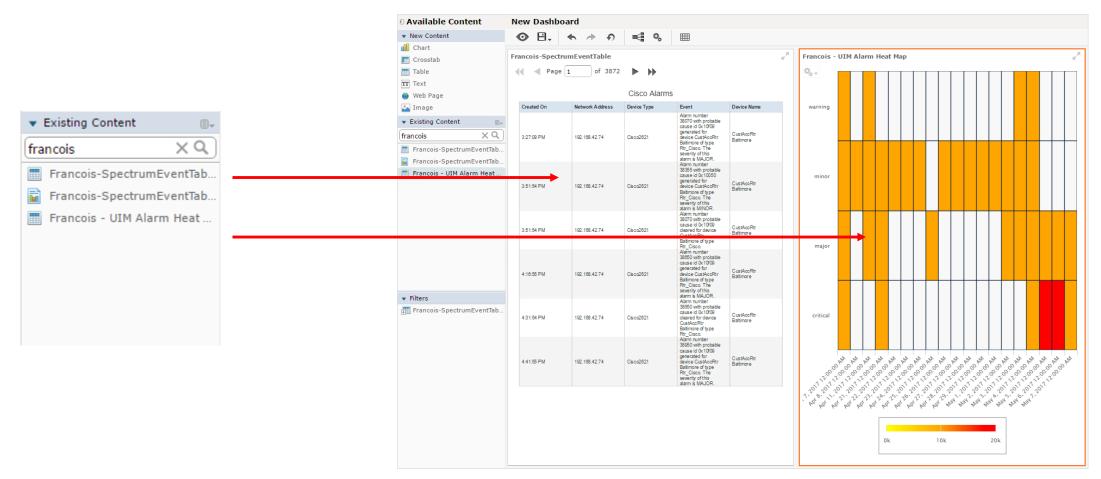


Hands-On Lab 3 - Custom Dashboard: Create a Dashboard Made of Two Custom Dashlets and Two Out-of-the-Box Dashlets



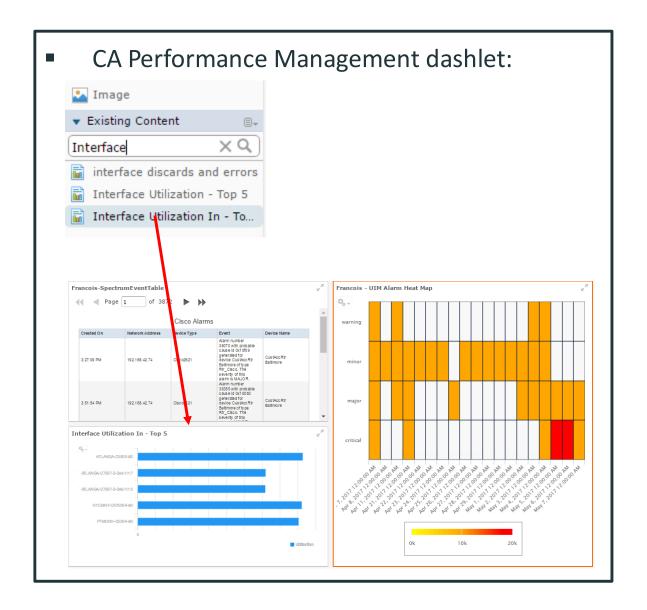
Create a New Dashboard

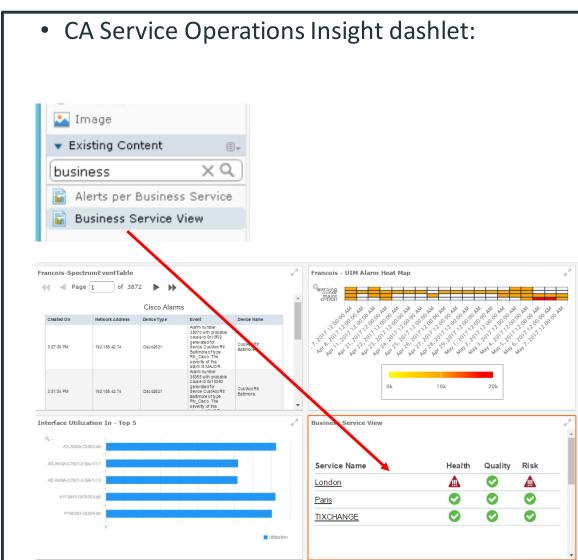
Add the 2 Ad Hoc views previously created (make use of search box)





Add Two Dashlets to the Dashboard

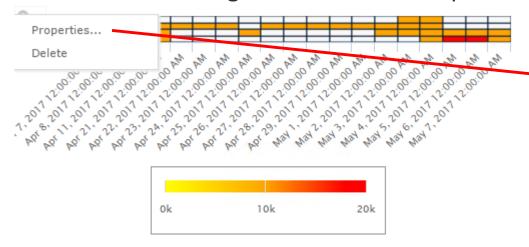


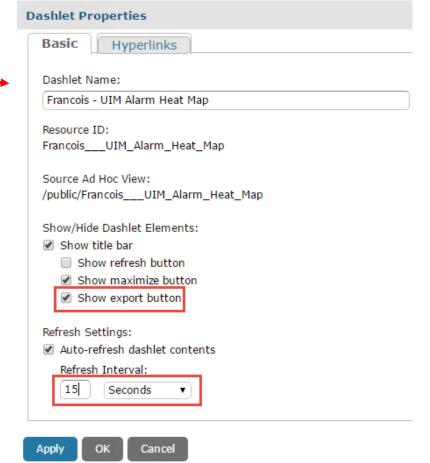




Export – Auto Refresh Capabilities

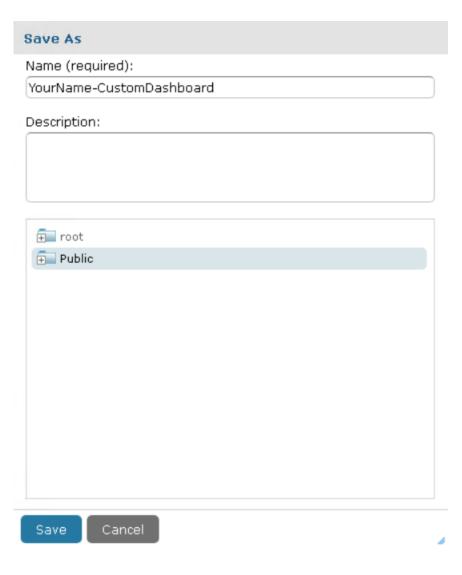
Select Dashlet – Right click – Select Properties







Save Your Dashboard

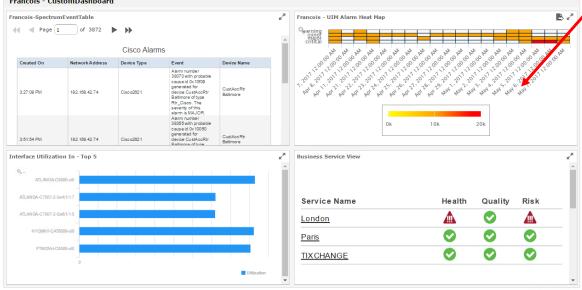


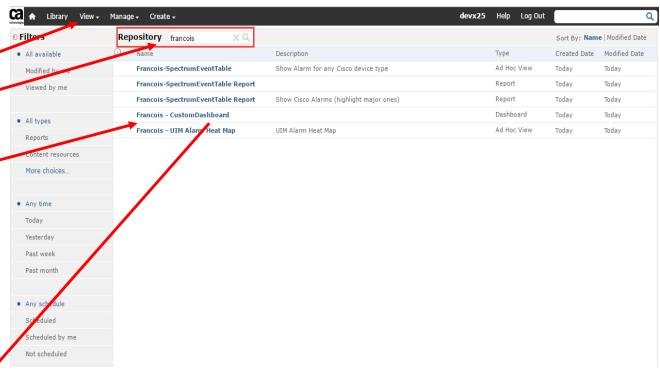


View Your Dashboard

- Click "View" "Search Results"
- In Repository text box search for [YourName]

Click link of vour dashboard



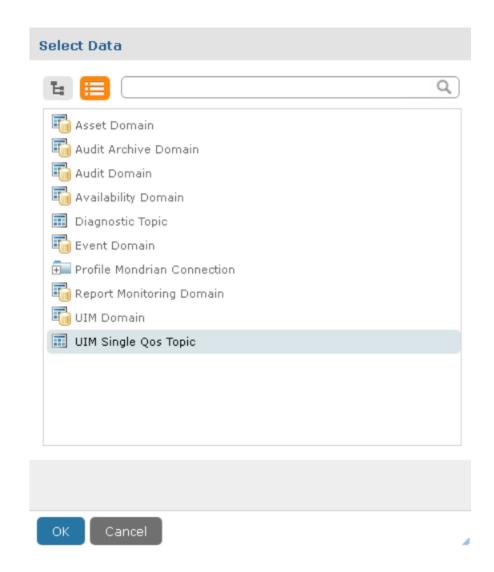


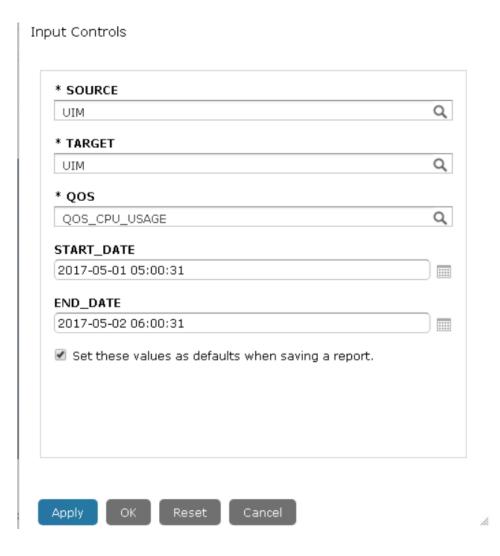


Hands On Lab 4 (Optional): Ad Hoc Reporting – CA Unified Infrastructure Management QoS Topic Chart



Create a New Ad Hoc View and Select the CA Unified Infrastructure Management Single QoS Topic

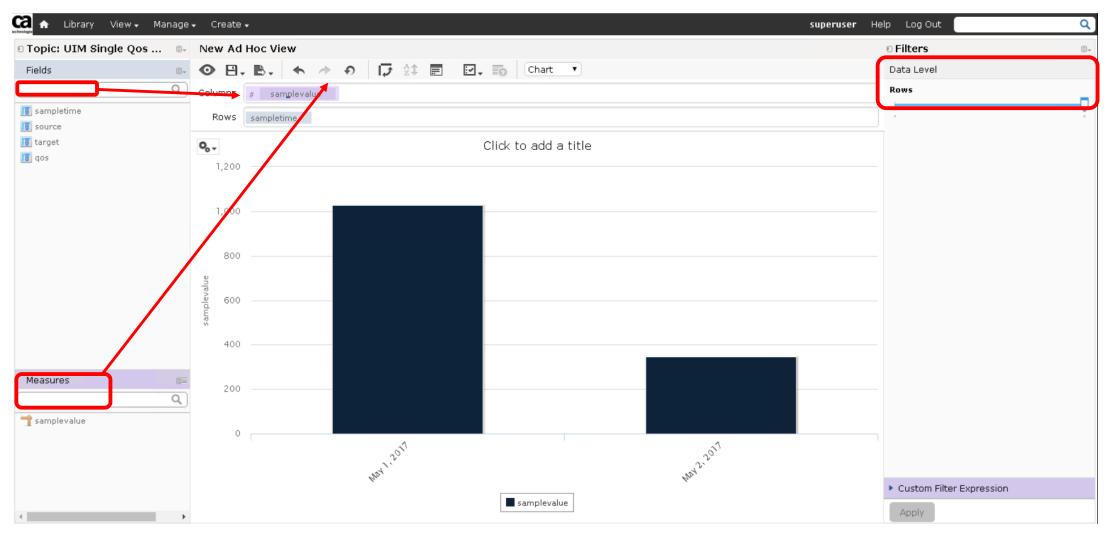






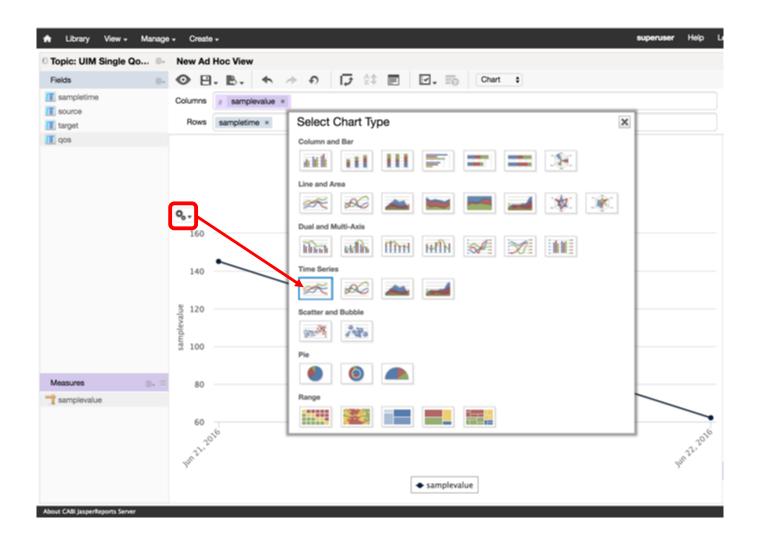
Change Type To Chart

Add Sample Value and Sample Time; Zoom In Rows



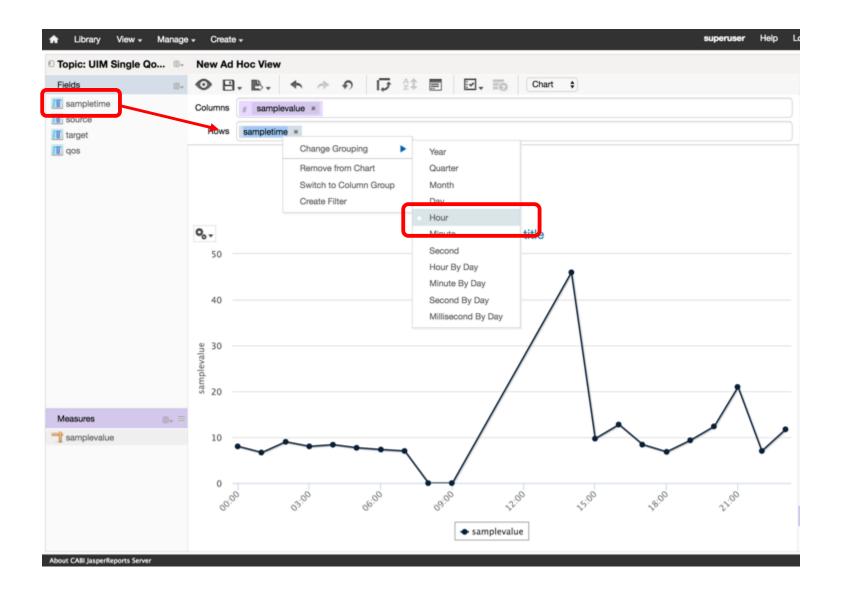


Change Chart Type



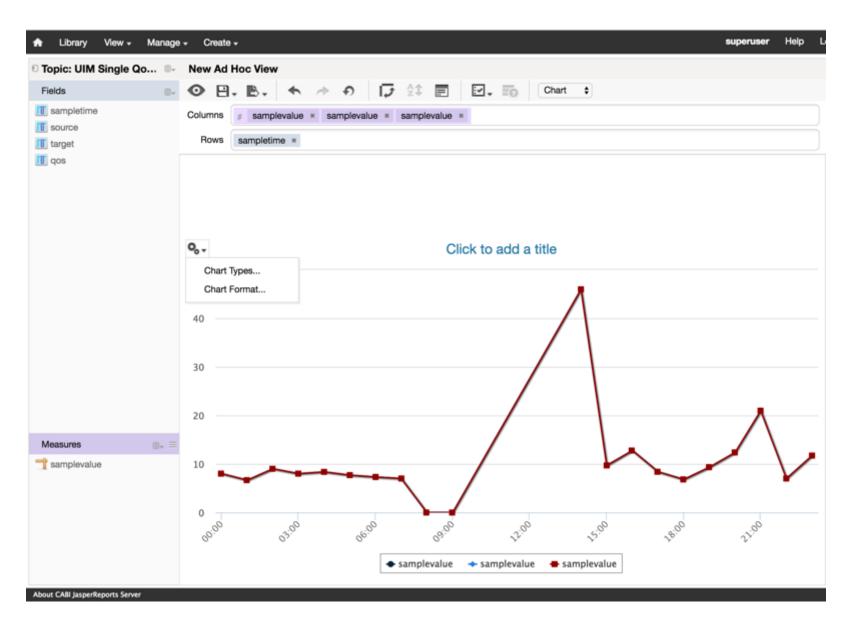


Change Sample Time Grouping to One Hour





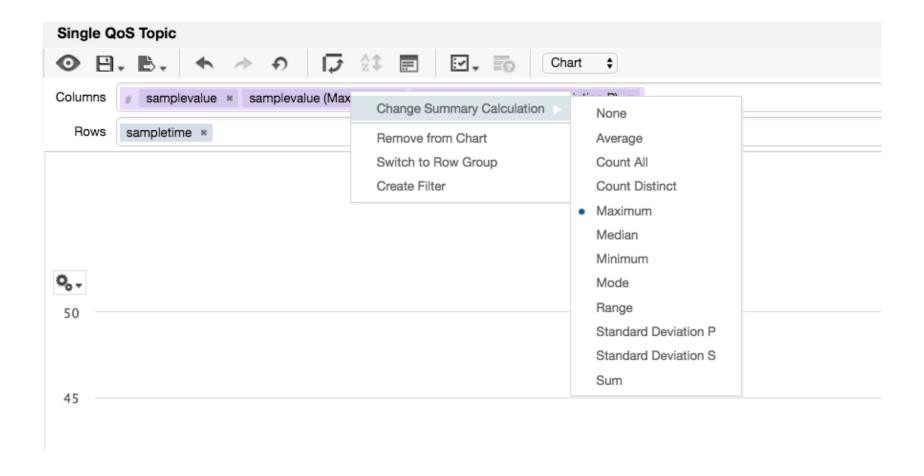
Add Sample Value Two More Times to the Columns





Change Summary Calculation on Each

E.G Maximum and Standard Deviation



Save as <YourName>-UIMQOS Ad Hoc View



What Questions Do You Have?



THANK YOU!

