From Mockup to Code

Tahir Aziz

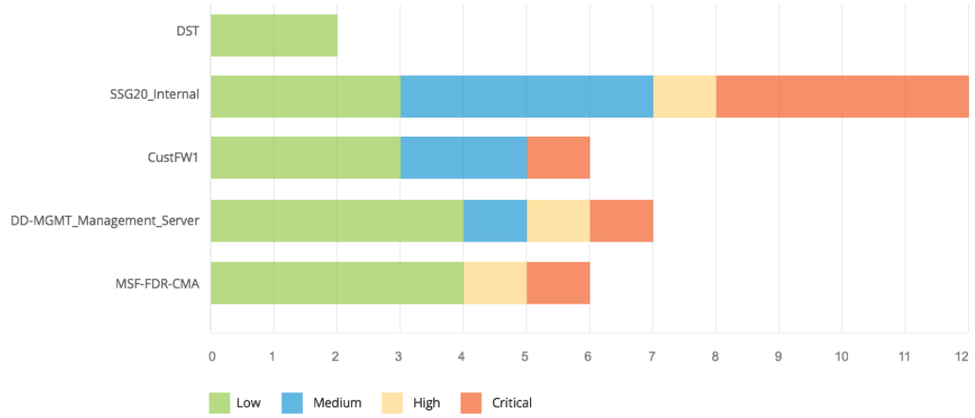
SecureCo

DEVICES ▾ | ASSESSMENTS ▾ | ADMINISTRATION ▾ | ▾ TOOLBOX

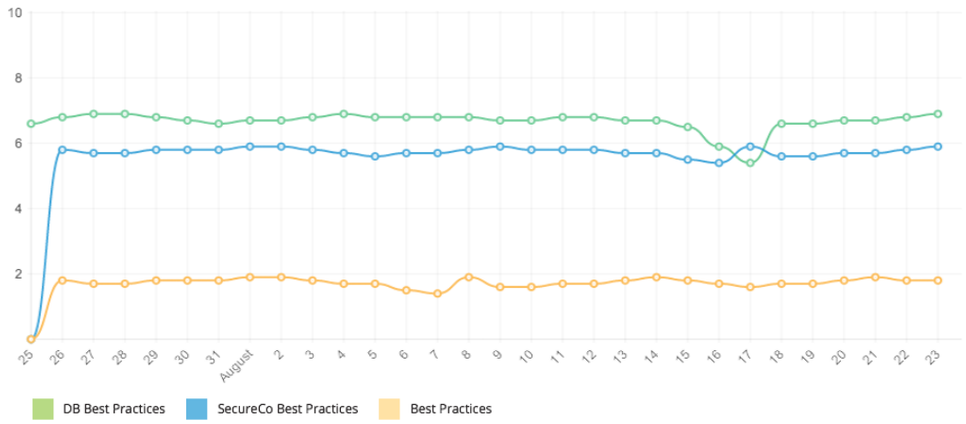
Enterprise Domain Name

Search In Domain

Control Failures by Devices (Top 5)



Configuration Assessment SCI Scoring (30 Day History)



Devices Needing Attention

View All »

Device	Change	Retrieval	Log
FW01CC01			
ESD-CORE-6513-A			
MSF-FDR-CMA			
pdcdevfw			
vhdc-fw-01			
PHSA-ENG			
SYMMSS-FW-1027741			
LEGACY-IT-FW			

Recently Changed Devices

View All »

Device	Date of Change	Type of Change(s)
FW01CC01	08/28/2013	ADD, MODIFY
ESD-CORE-6513-A	08/28/2013	ADD, MODIFY
MSF-FDR-CMA	08/28/2013	MODIFY, DELETE
pdcdevfw	08/28/2013	MODIFY
vhdc-fw-01	08/28/2013	DELETE
PHSA-ENG	08/28/2013	DELETE
SYMMSS-FW-1027741	08/28/2013	ADD, MODIFY
LEGACY-IT-FW	08/28/2013	ADD

Devices By Rule Count

View All »

Device	Rule Count	Removable Rule Count
FW01CC01	6784	218
ESD-CORE-6513-A	2512	115
MSF-FDR-CMA	2407	80
pdcdevfw	2057	15
vhdc-fw-01	1617	5
PHSA-ENG	977	18
SYMMSS-FW-1027741	848	352
LEGACY-IT-FW	655	253

1. Plan
2. Methodology
3. Tools
4. Challenges
5. Responsiveness
6. Browser Support

... and a few other things

1. Plan

- **Approach** – analyze the mockup
- **Tools** – how to build the mockup
- **Time** – when to build what

2. Methodology

- Components
- Reuse
- Details
- Iterate
- Scale

Roadmap

1. Fully code responsive navs
2. Build table structures & styles
3.Create JSON
4. Fill in tables with data
5. Build graphs & styles with data
6. Fix as many issues as possibles

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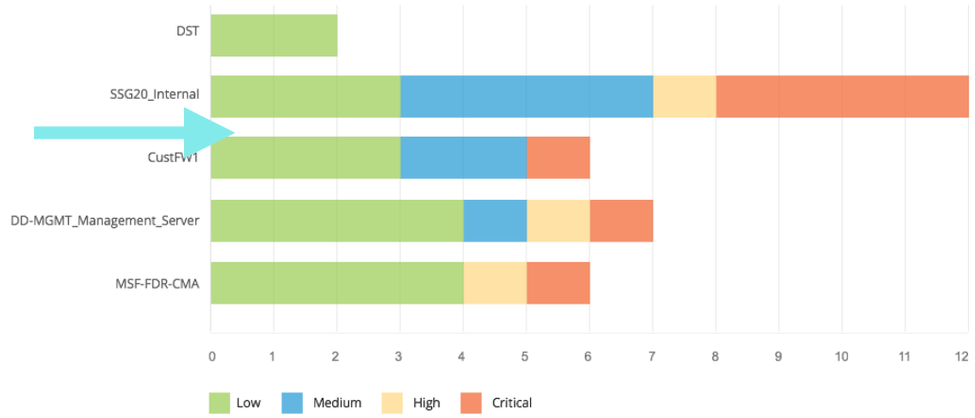

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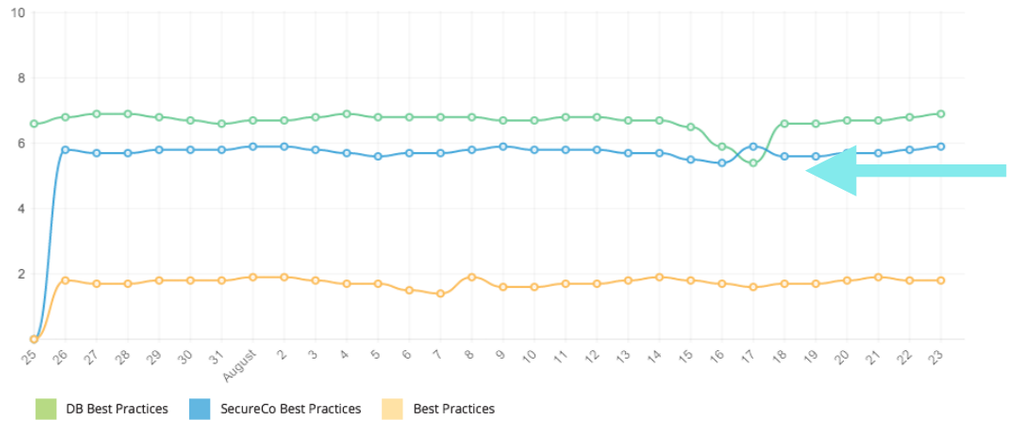

Devices Needing Attention

View All »

Device	Change	Retrieval	Log
FW01CC01	●	●	●
ESD-CORE-6513-A	●	●	●
MSF-FDR-CMA	●	●	●
pdcdevfw	●	●	●
vhdc-fw-01	●	●	●
PHSA-ENG	●	●	●
SYMMSS-FW-1027741	●	●	●
LEGACY-IT-FW	●	●	●

Recently Changed Devices

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ESD-CORE-6513-A	08/28/2013	ADD, MODIFY
MSF-FDR-CMA	08/28/2013	MODIFY, DELETE
pdcdevfw	08/28/2013	MODIFY
vhdc-fw-01	08/28/2013	DELETE
PHSA-ENG	08/28/2013	DELETE
SYMMSS-FW-1027741	08/28/2013	ADD, MODIFY
LEGACY-IT-FW	08/28/2013	ADD

Devices By Rule Count

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FW01CC01	6784	218
ESD-CORE-6513-A	2512	115
MSF-FDR-CMA	2407	8
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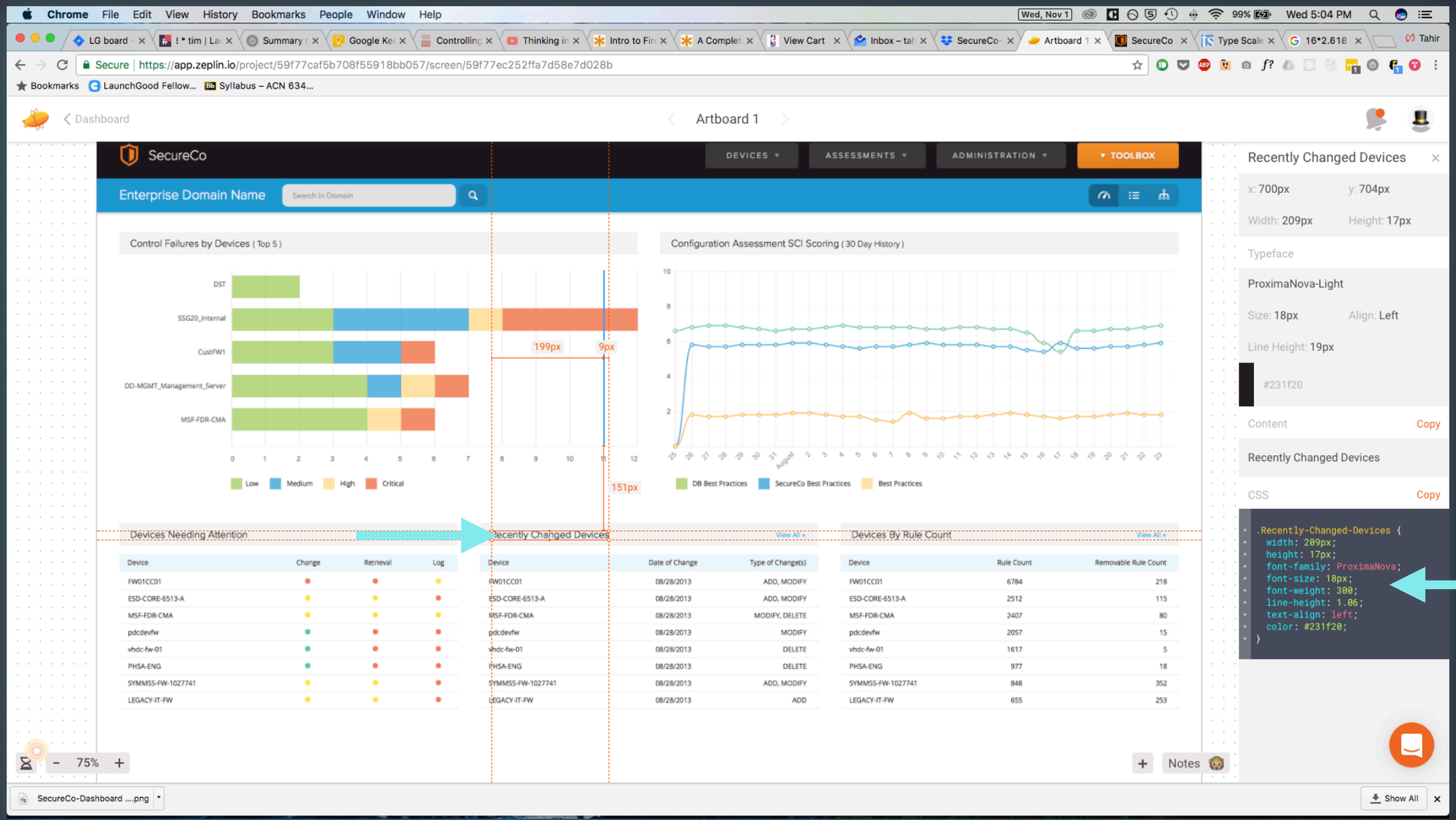
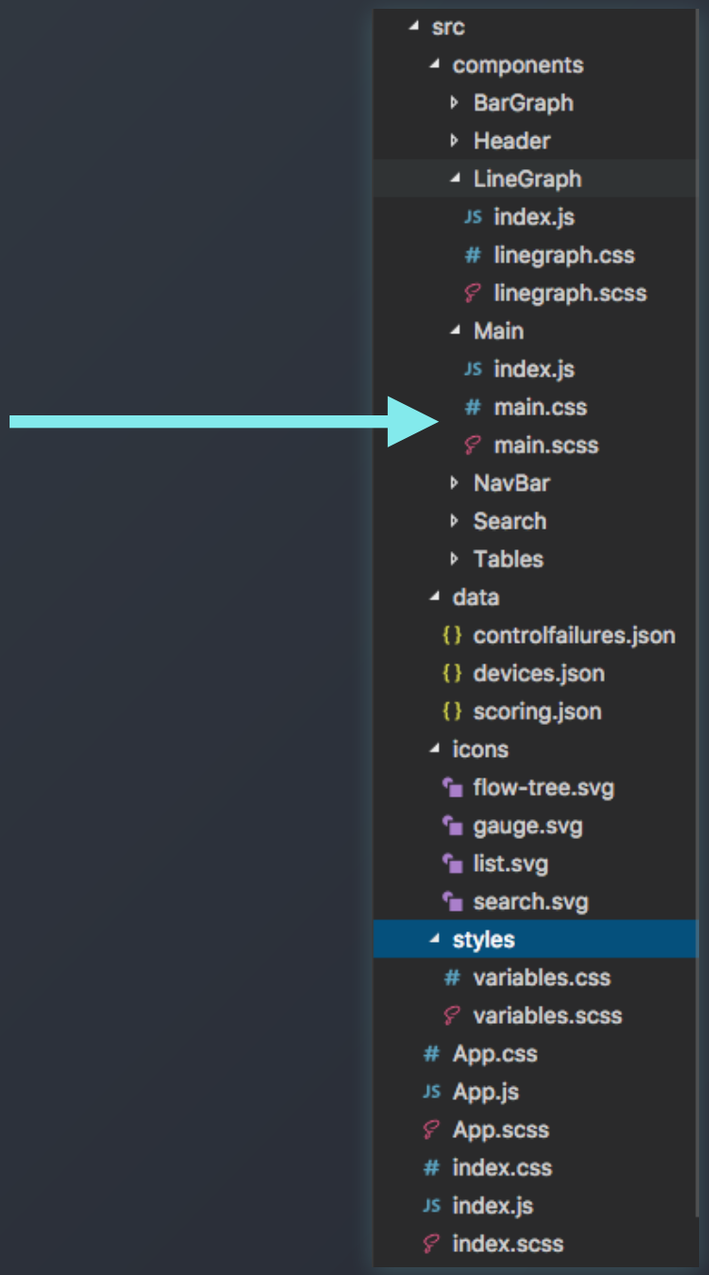

Chrome File Edit View History Bookmarks People Window Help
Wed 5:04 PM
https://app.zeplin.io/project/59f77caf5b708f55918bb057/screen/59f77ec252ffa7d58e7d028b
Dashboard
Artboard 1
SecureCo
DEVICES
ASSESSMENTS
ADMINISTRATION
TOOLBOX
Enterprise Domain Name
Search In Domain
Control Failures by Devices (Top 5)
DST
SSG20_Internal
CustFW1
DD-MGMT_Management_Server
MSF-FDR-CMA
199px
9px
151px
Low
Medium
High
Critical
Configuration Assessment SCI Scoring (30 Day History)
DB Best Practices
SecureCo Best Practices
Best Practices
Devices Needing Attention
Recently Changed Devices
Devices By Rule Count
View All »
Device
Change
Retrieval
Log
FW01CC01
ESD-CORE-6513-A
MSF-FDR-CMA
pdcdevfw
vhdc-fw-01
PHSA-ENG
SYMMSS-FW-1027741
LEGACY-IT-FW
Date of Change
Type of Change(s)
08/28/2013
ADD, MODIFY
MODIFY, DELETE
DELETE
ADD
Rule Count
Removable Rule Count
6784
218
2512
115
2407
80
2057
15
1617
5
977
18
848
352
655
253
75%
Notes
Recently Changed Devices
x: 700px
y: 704px
Width: 209px
Height: 17px
Typeface
ProximaNova-Light
Size: 18px
Align: Left
Line Height: 19px
#231f20
Content
Copy
Recently Changed Devices
CSS
Copy
.Recently-Changed-Devices {
width: 209px;
height: 17px;
font-family: ProximaNova;
font-size: 18px;
font-weight: 300;
line-height: 1.06;
text-align: left;
color: #231f20;
}
SecureCo-Dashboard ....png
Show All




```
1   import React, { Component } from 'react';
2   import './App.css';
3   import NavBar from './components/NavBar';
4   import Search from './components/Search';
5   import Main from './components/Main';
6
7
8   class App extends Component {
9     render() {
10      return (
11        <div className="App">
12          <div class="sticky-top">
13            <NavBar/>
14            <Search/>
15          </div>
16          <Main/>
17        </div>
18      );
19    }
20  }
21
22  export default App;
```

Timeline

- **Monday** – architecture & navs
- **Tuesday** – main content & graphs
- **Wednesday** – fixes, refactor & deploy

3. Tools

- **React:** components & reusability
- **Bootstrap:** structure & browser support
- **SCSS:** variables & organization
- **Flexbox:** fluid responsiveness & support
- **Recharts:** data visualization
- **Create React App:** no configuration
- **Github:** version control
- **Netlify:** free CD + hosting

4. Challenges

- Bootstrap & Recharts default styling
- Assumptions for responsive behavior
- Logo & static assets
- Graphs & vertical bar graph

5. Responsiveness

- Flexbox
- Breakpoints for stacking
- Nav elements
- Margins & spacing

Mockup specs for desktop details, & assumptions for tablet/mobile

Assumptions

- **Stacking** – stack content on mobile
- **Size** – navs, headers, & spacing
- **Content** – sticky, minimal navs

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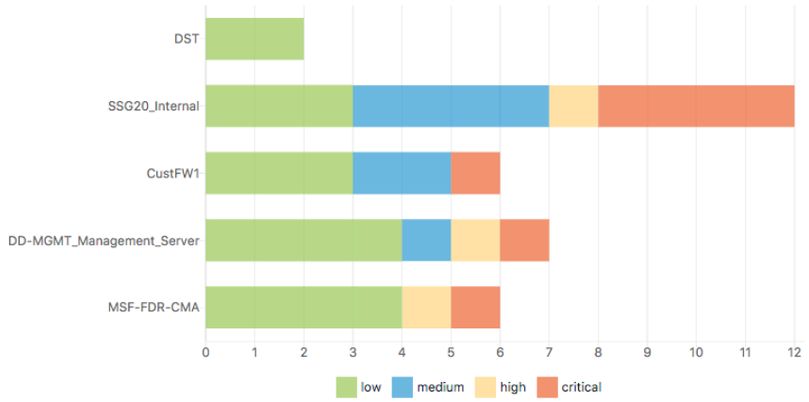
Devices | Assessements | Administration | Toolbox

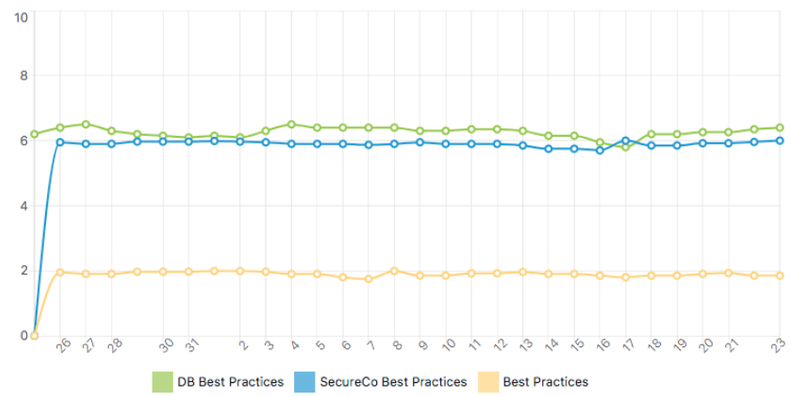
Enterprise Domain Name

Search in Domain

Control Failures by Device



Configurator Assessement Scoring (30 Day History)



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ESD-CORE-6513-A	●	●	●
MSF-FDR-CMA	●	●	●
pdcdevfw	●	●	●
vhdc-fw-01	●	●	●
PHSA-ENG	●	●	●
SYMMSS-FW-1027741	●	●	●

Recently Changed Devices

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MSF-FDR-CMA	8/28/2013	MODIFY, DELETE
pdcdevfw	8/28/2013	MODIFY
vhdc-fw-01	8/28/2013	DELETE
PHSA-ENG	8/28/2013	DELETE
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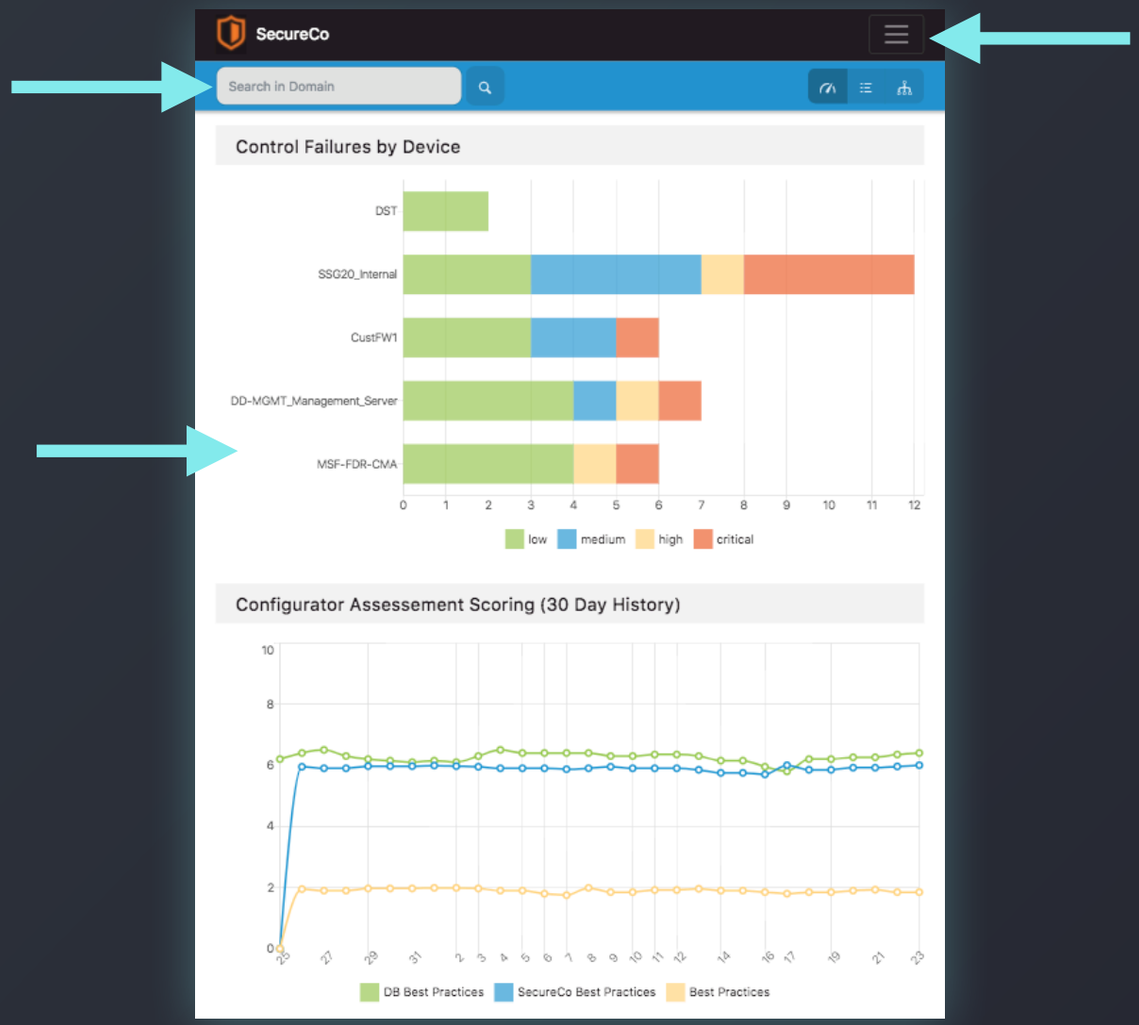
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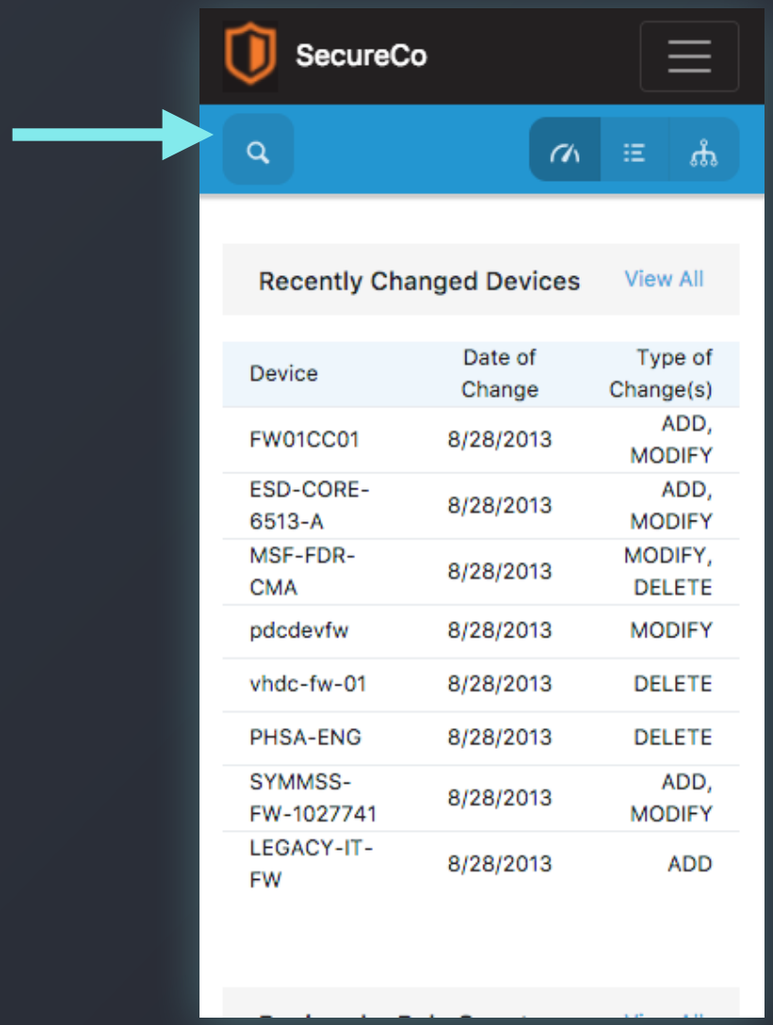
0 1 2 3 4 5 6 7 8 9 10 11 12
low
medium
high
critical
Configurator Assessement Scoring (30 Day History)
10
8
6
4
2
0
25 27 29 31 2 3 4 5 6 7 8 9 10 11 12 14 16 17 19 21 23
DB Best Practices
SecureCo Best Practices
Best Practices


SecureCo
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MODIFY
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DELETE
SYMMSS-FW-1027741
8/28/2013
ADD, MODIFY
LEGACY-IT-FW
8/28/2013
ADD

6. Browser Support

- Autoprefixer (comes with CRA)
- Flexbox over CSS Grid
- Boostrap's built-in support

Shortcomings

- Minor UI styling
- Mobile search bar buttons

Later

1. Refactor CSS
2. Dynamically generate table structures
3. Pull data from API/Firebase

Takeaways

- Plan, prioritize, iterate, ship fast
- Keeping in mind scalability
- Making graphs in Rechart

thank you!

https://github.com/tahiraziz/secureco

https://tahir-secureco.netlify.com/