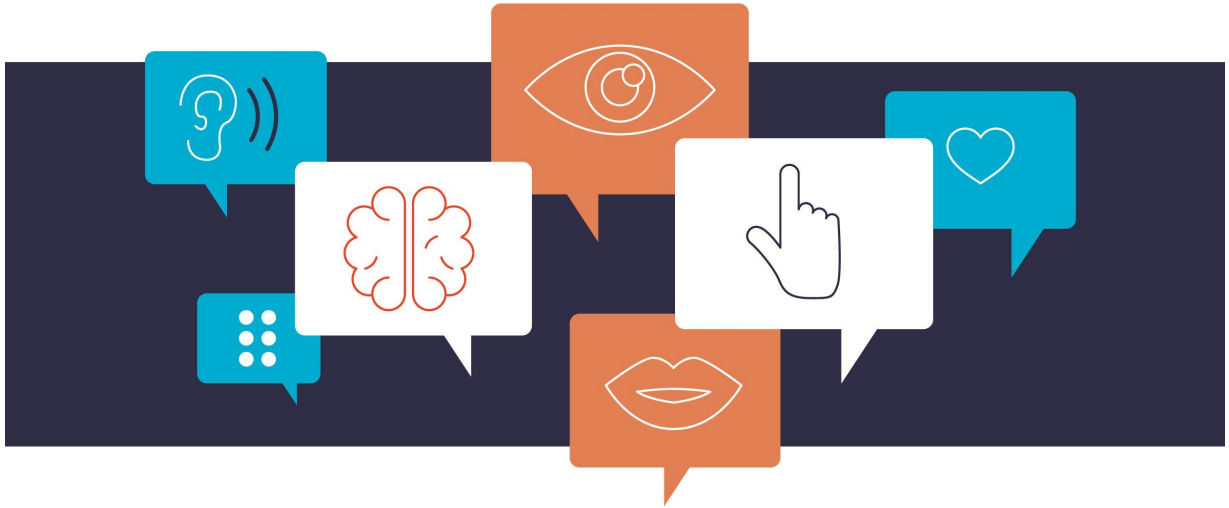
Accessibility Testing - Cohesity



Hashedin

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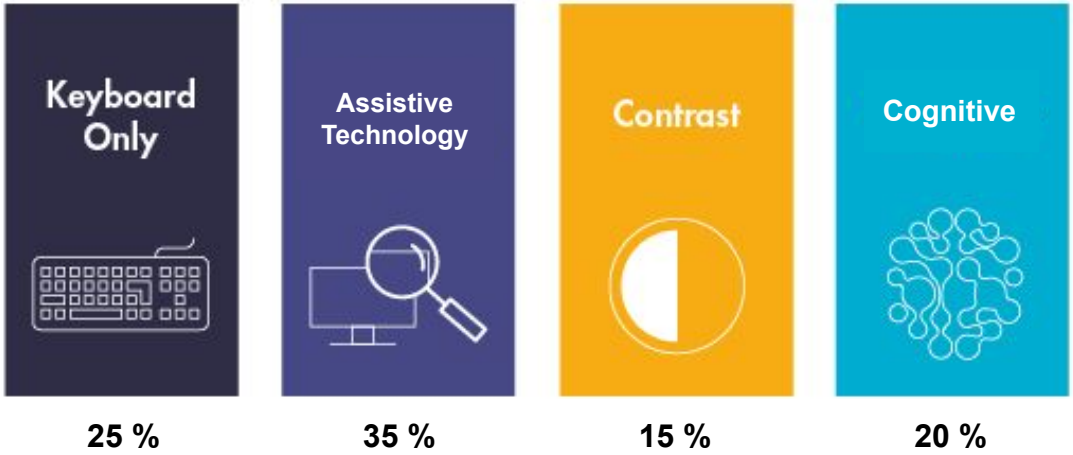
Weekly Progress

Week - 1
20 Apr ’20 - 24 Apr ‘20

Understanding A11Y Testing

- **WCAG Principles**
  - Perceivable
    - Non-Text Content
    - Color Contrast
  - Operable
    - Keyboard Only
  - Understandable
    - Language
    - Relationship
    - A11Y DOM
  - Robust
    - Message



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Understanding A11Y Testing

- **WCAG Principles**
  - Perceivable
  - Operable
  - Understandable
  - Robust

- **Conformance Levels**
  - A - Some impact on design
  - AA - Medium impact on design
  - AAA - Extreme impact on design

WCAG 2.1 Principle	Total Sufficient Techniques	Sure %	Need clarity
Perceivable	441	25 %	198
Operable	217	30 %	93
Understandable	175	29 %	90
Robust	61	40 %	17
	894		**398**

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Understanding A11Y Testing

- **ARIA - 56**
  - Perceivable - 29
  - Operable - 4
  - Understandable - 10
  - Robust - 13

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Cohesity IRIS 6.5

- **Total # of screens - 80**
  - Form - 33%
  - Data Table - 20%
  - Data Charts - 11%
  - Dashboard - 11%
  - Search Results - 16%
  - Settings - 7%
  - Page Tree structure - 3%

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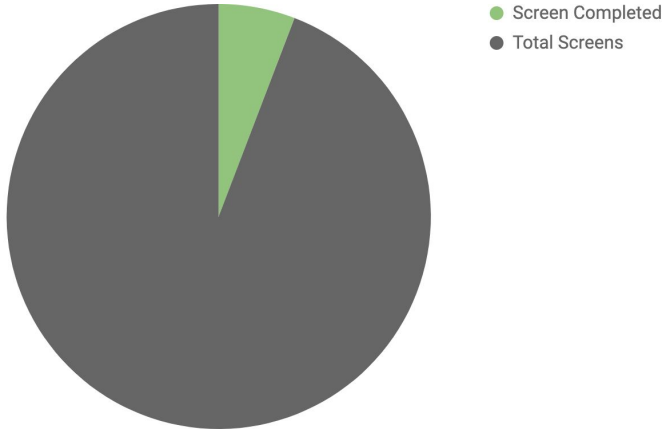
Weekly Progress

Week - 2
27 Apr ’20 - 30 Apr ‘20

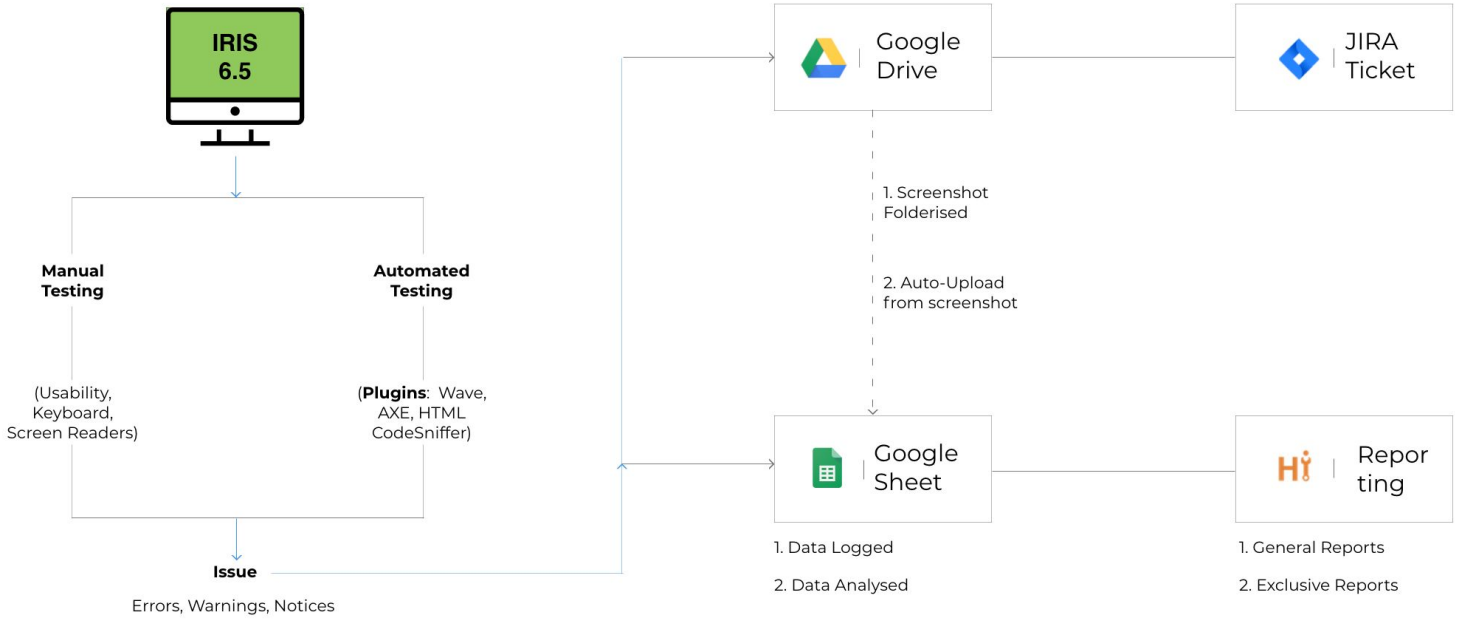
Testing

- **Progress**
  - Total No. of Screens - 81 (As of today)
  - Completed Testing - 5
  - With Current Run Rate, testing completion = 60 Screens (Mid-July)



- **Pending**
  - Walkthrough for mentioned screens in excel
  - Access to screens mentioned in excel

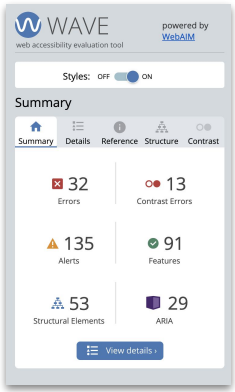
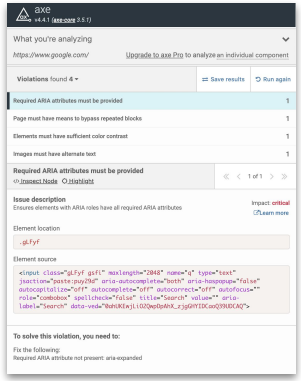
A11Y - Testing and Reporting Process



Cohesity Web Application

Cohesity Mobile Application

Comparison Chart - Plugins

	WAVE by WebAIM 	**HTML CodeSniffer**	**AXE by Deque** 
How it works	On the page and gives us hotspots	On the page and gives us hotspots	In the Developer Console with hotspots
Compliance	WCAG (New Features by May, 2020)	Section 508, WCAG2 (A, AA, AAA)	ADA, WCAG, Section508, AODA, CVAA
Features	Errors, Contrast Errors, Alerts, Features, Structural Elements, ARIA	Alerts, Warnings, Notices	Alerts, Warnings, Notices
Tools	Browser Extensions, Tools/ APIs	Browser Extensions	Developer Console
HashedIn choice!	Good for usual testing	Strongly recommend	Good for fixing

Help Needed

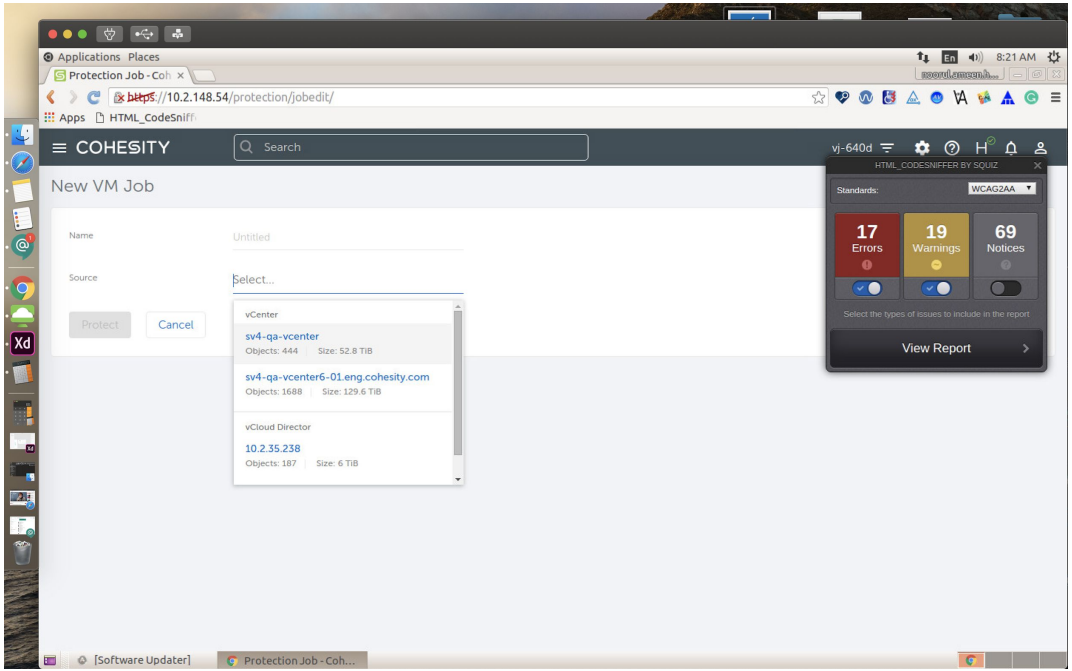
- **SilverLight**
  - SL5: Defining a Focusable Image Class for Silverlight
  - SL8: Displaying Help Text in Silverlight User Interfaces
  - SL18: Providing Text Equivalent for Nontext Silverlight Controls With AutomationProperties.Name
  - SL26: Using Labeled By to Associate Labels and Targets in Silverlight
  - SL30: Using Silverlight Control Compositing and AutomationProperties.Name

- **PDF**
  - PDF1: Applying text alternatives to images with the Alt entry in PDF documents
  - PDF4: Hiding decorative images with the Artifact tag in PDF documents
  - PDF6: Using table elements for table markup in PDF Documents
  - PDF20: Using Adobe Acrobat Pro's Table Editor to repair mistagged tables
  - PDF10: Providing labels for interactive form controls in PDF documents

- **Flash**
  - FLASH1: Setting the name property for a non-text object
  - FLASH2: Setting the description property for a non-text object in Flash
  - FLASH5: Combining adjacent image and text buttons for the same resource
  - FLASH28: Providing text alternatives for ASCII art, emoticons, and leetspeak in Flash
  - FLASH11: Providing a longer text description of an object

Findings

1. **Drop-down Component**



Next Steps

- **More screen testing**
  - Target - 10~12 screens

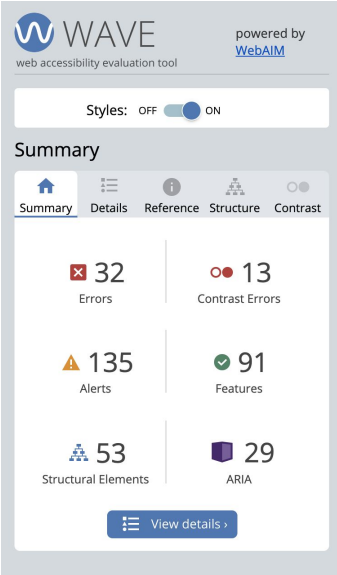
- **gSheet to be more flourished**
  - Heatmap view

- **Exclusive Reports**
  - Color Contrast
  - A11Y Concepts
    - ARIA
    - Keyboard
    - Navigation - Skip to content
    - Zoom & Layout

Help Needed

Plugins

WAVE



Browser Extensions

Accessible within Chrome

Private and secure

No Information is sent to WAVE Server

Open Source

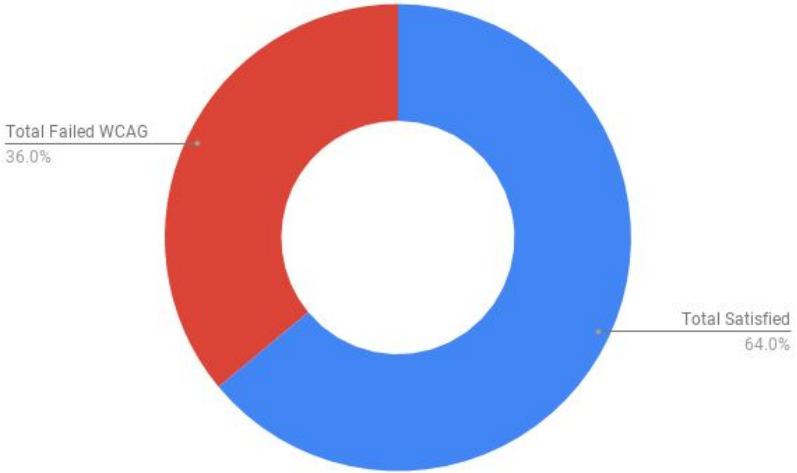
Tools are available as an API
Subscription based ranges $ 10K

Weekly Progress

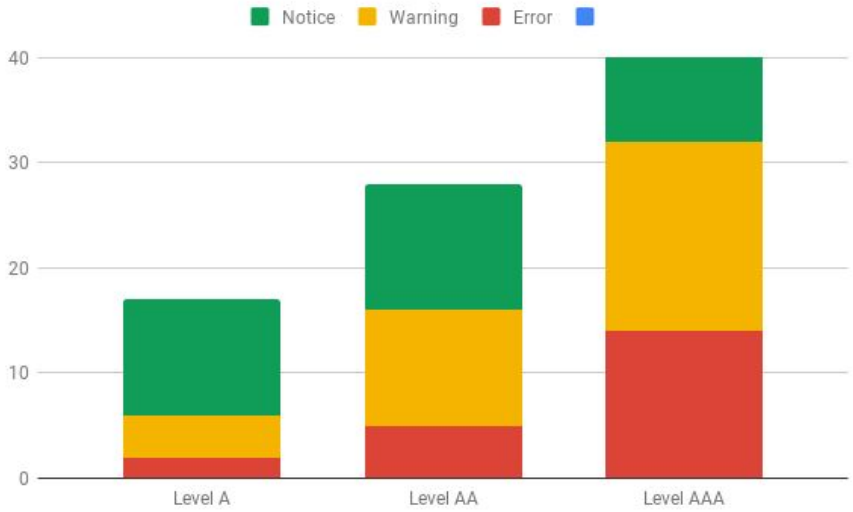
Week - 3
4 May ’20 - 8 May ‘20

Analytics

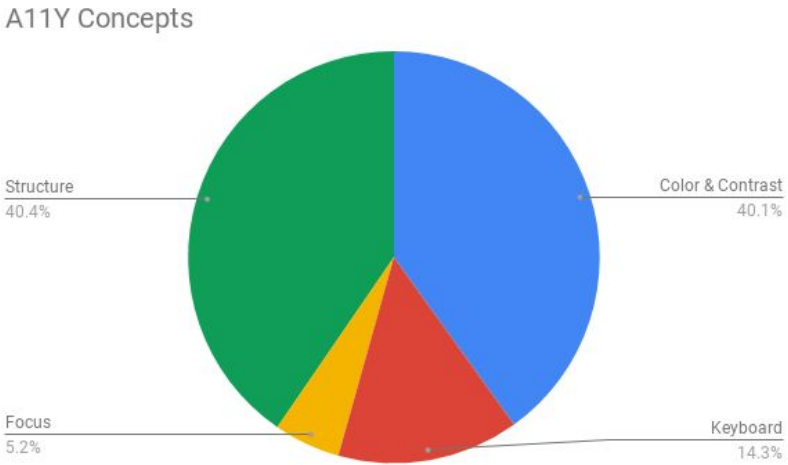
1. Overall WCAG 2.0 Success Criterion Compliance



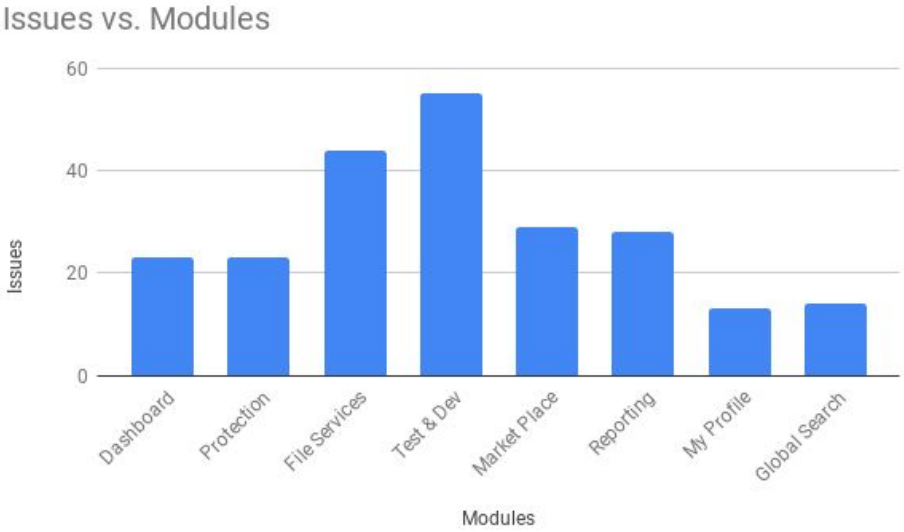
2. Conformance Level Charts



3. A11Y Concepts



4. Issues Vs Modules



Learnings from Google - A11Y Kit

1. The applications/ websites that uses Material Design Framework fulfills the WCAG accessibility standards and requirements.

2. The Material Design targets who won't be able to see the screen or who have difficulty with small touch targets.

3. Supports various components like touch pointers, layouts, typographies, Layouts, and other UI components

Advantages of Material Design/ Framework for Accessibility:

1. Allows users to all abilities to navigate, understand, and successfully.
2. Avoids complex hierarchical structures that users mostly loose the context and also screen readers might takes long time.
3. Recommending components with assistive technology turned on.

Report Format of Google - Gmail

1.Terms Vs Apply to IRIS 6.5

Terms are conformance level of information that is applied to G-Mail Product across all the guidelines
Legends: *Supports,Partially Supports, Does not supports, Not Applicable, Not Evaluated*

Apply to IRIS 6.5 A checklist that is applied to the product across all the guidelines and we have dedicated Levels
Legends: *Yes, No, Not Sure*

2.Evaluation Methods Used:

Google AWS, NVDA, VoiceOver, ChromeVox, Color Contrast Analyzer, Chrome Browser

Cohesity HTML_CodeSniffer, ChromeVox, Chrome Browser, Wave, ALT Text Tester, Funkify

2.Additional Reports

Cohesity Tracking, Dashboard, Developer Reports, Screenshots with hotspots, Linking the issues with JIRA to Dev-team

Help Needed

We need some help in applicability for IRIS 6.5 across all the guidelines, for that we have consolidated all the items with few groups, pls mark as “Required” or “Not Required” in the excel sheet.

Link:
https://docs.google.com/spreadsheets/d/1W8Z6IvcmxdV2HLreHO8F59BLGjA06j11fbbtPid2P3Q/edit?usp=sharing

Problems Facing

1. IPs we have been facing unable to connect **10.2.148.156** and **10.1.3.185**

Weekly Progress

Week 5, 6, 7 (actual start date Apr 20)
11 May ’20 - 2 June ‘20

Resolved the Ubuntu VM to access Iris 6.5v

Weekly Progress

Elapsed Week - 8, Actual Work Week - 4
3 June ’20 - 12 June ‘20

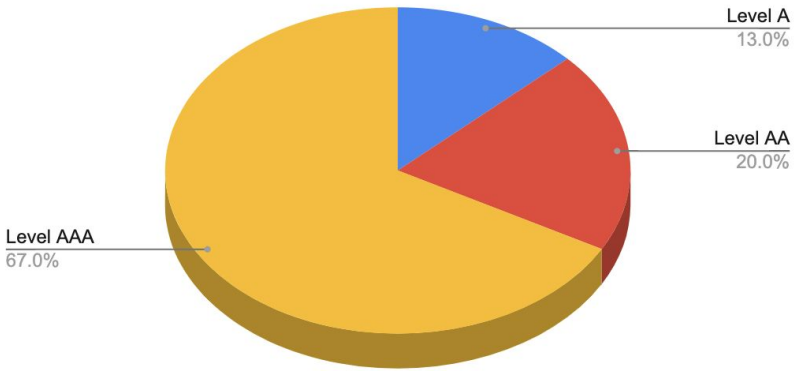
Actual timeline - Jul 17 (5 weeks to go)

Screens status

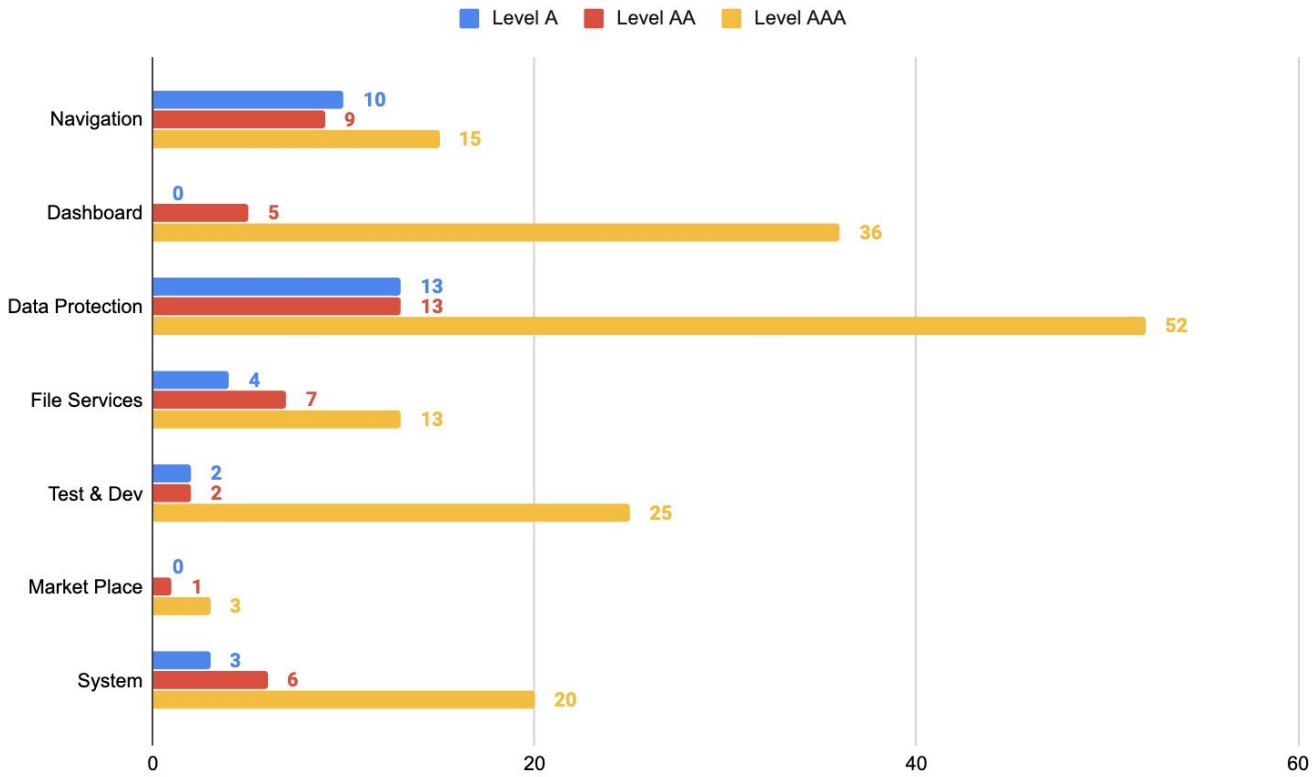
Number of screens analysed = **20** (out of 85 pages)

Number of issues identified = **673**

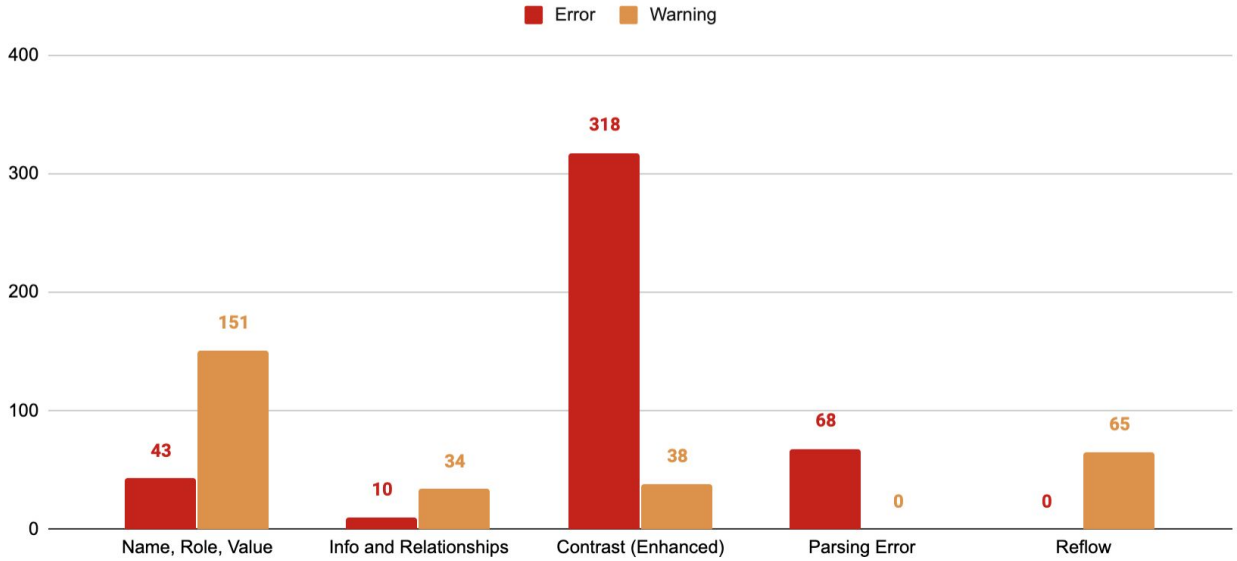
Module	Feature	Screen
Navigation	-	-
Dashboard	-	-
Data Protection	Protection	-
	Recoveries	-
	Sources	-
	Policies	-
	Cloud Retrieve	-
File Services	Views	-
	Shares	-
	Data Migration	-
	Anti Virus	-
Test & Dev	-	-
Market Place	My Apps	-
	Workbench	-
System	Storage	Cluster
		Storage Domains
		Consumers
	Alerts	Alerts Summary
		Analytics
		Resolution Summary
		Settings



Analytics of Level A, Level AA, Level AAA

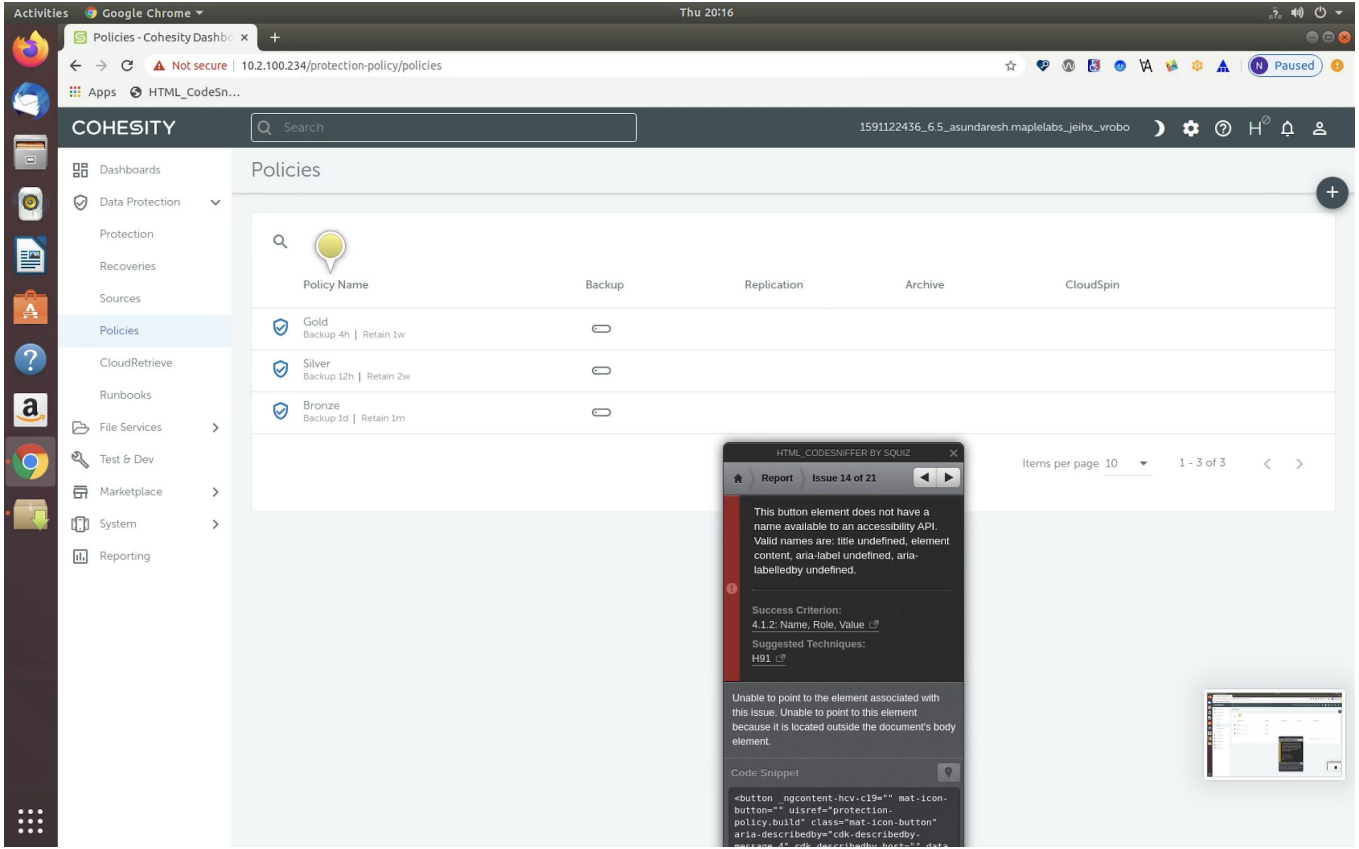


Major Issues

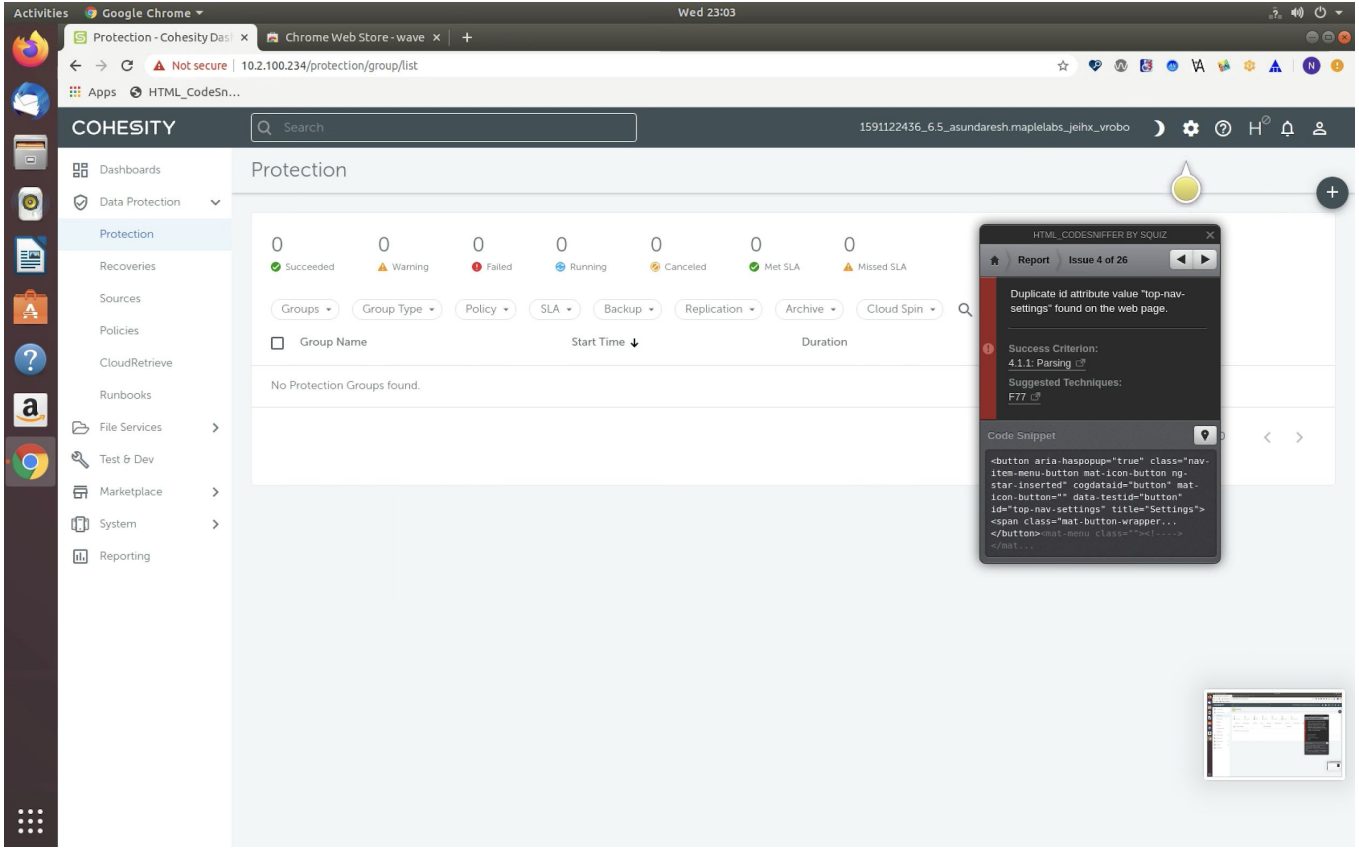


- **4.1.2 Name, Role and Value -** Using aria-label to provide an invisible label where a visible label cannot be used
- **1.3.1 Info & Relationship -** Using ARIA landmarks to identify regions of a page
- **1.4.6 Contrast (Enhanced) -** Ensuring that a contrast ratio of at least 7:1 exists between text (and images of text) and background behind the text
- **4.1.1 Parsing -** Validating Web pages
- **1.4.10 Reflow - Using media queries and grid CSS to reflow columns**

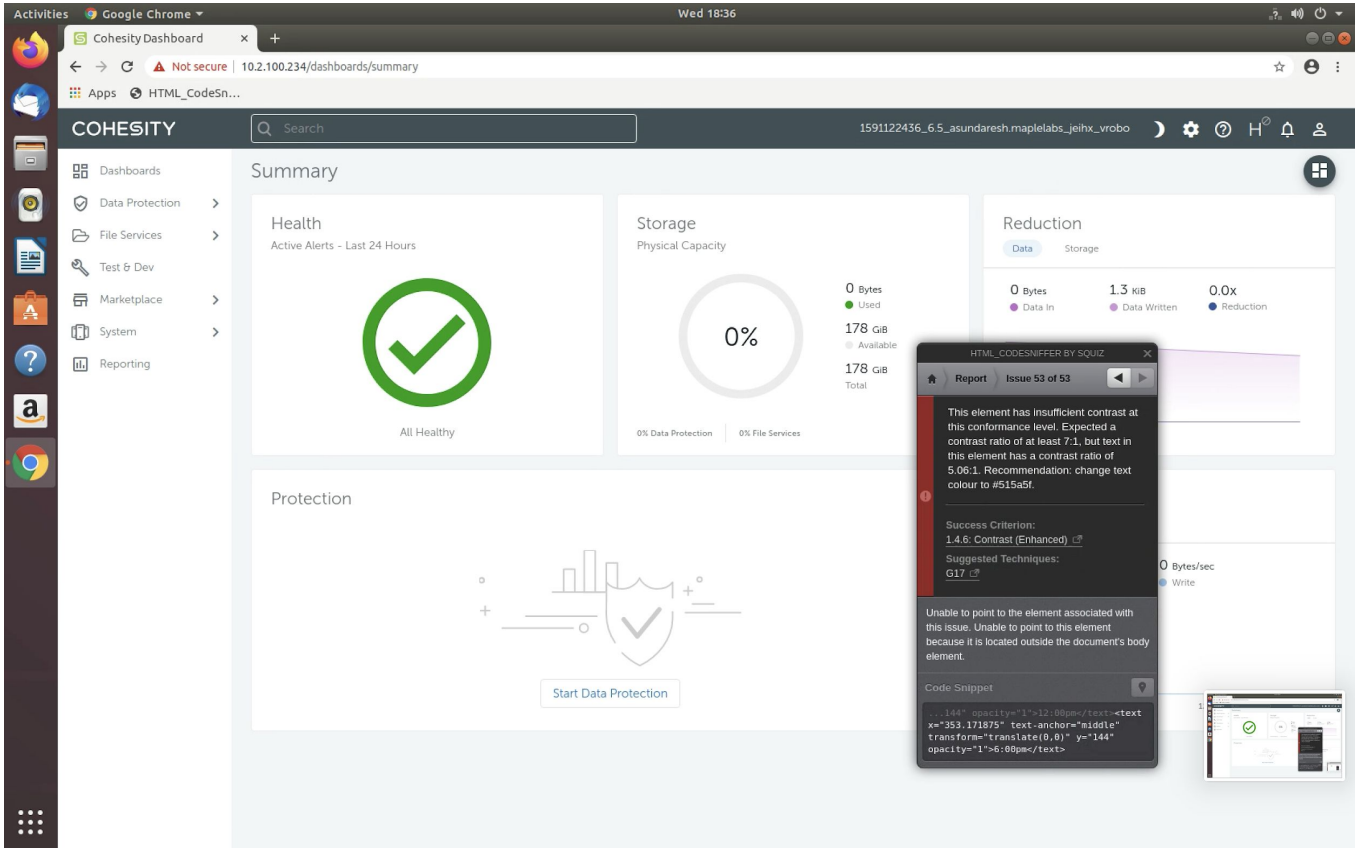
4.1.2 Name, Role, Value



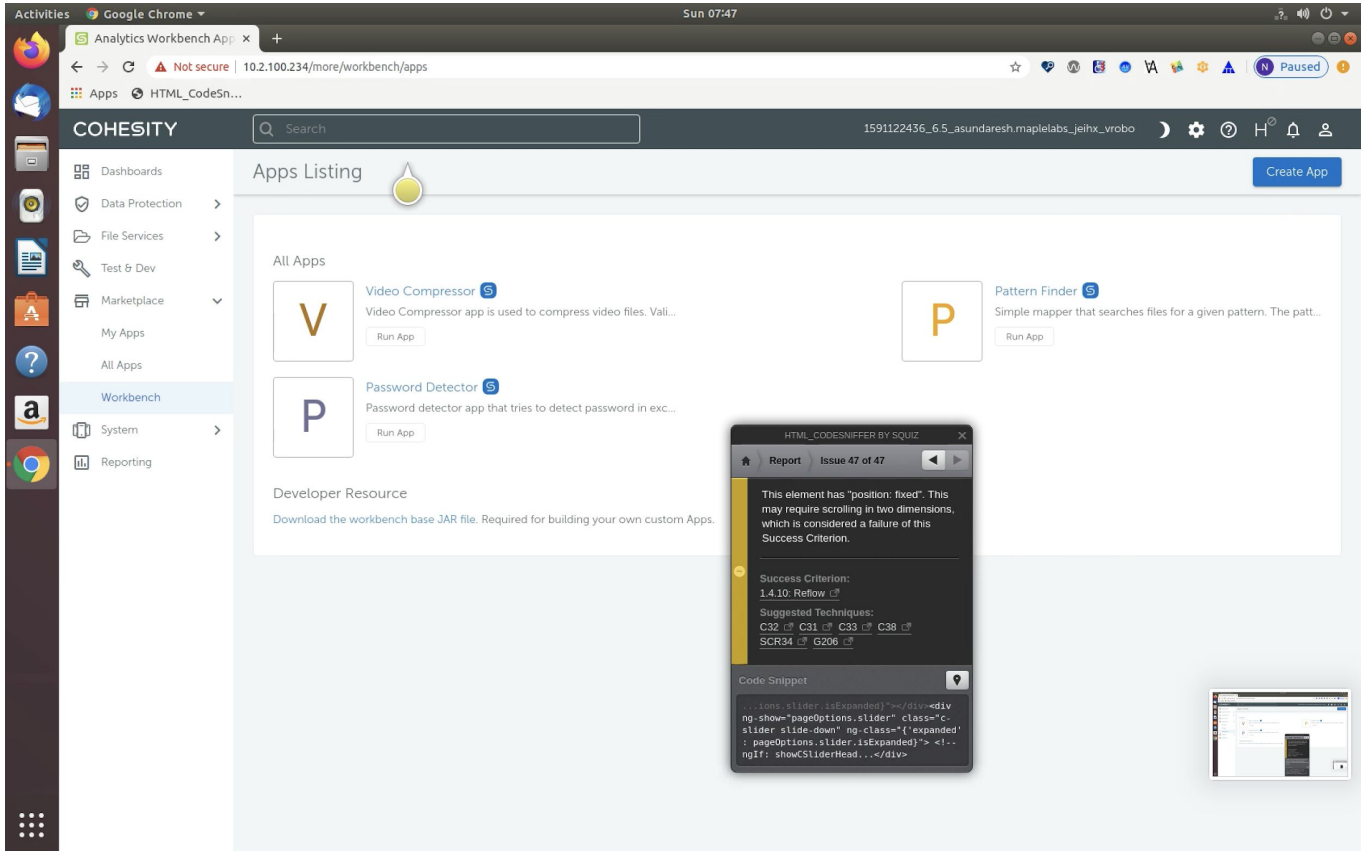
4.1.1 Parsing


Activities
Google Chrome
Wed 23:03
Protection - Cohesity Das
Chrome Web Store - wave
Not secure
10.2.100.234/protection/group/list
Apps
HTML_CodeSn...
COHESITY
Search
1591122436_6.5_asundaresh.maplelabs_jeihx_vrobo
Dashboards
Data Protection
Protection
Recoveries
Sources
Policies
CloudRetrieve
Runbooks
File Services
Test & Dev
Marketplace
System
Reporting
Protection
0 Succeeded
0 Warning
0 Failed
0 Running
0 Canceled
0 Met SLA
0 Missed SLA
Groups
Group Type
Policy
SLA
Backup
Replication
Archive
Cloud Spin
Group Name
Start Time
Duration
No Protection Groups found.
HTML_CODESNIFFER BY SQUIZ
Report
Issue 4 of 26
Duplicate id attribute value "top-nav-settings" found on the web page.
Success Criterion:
4.1.1: Parsing
Suggested Techniques:
F77
Code Snippet
<button aria-haspopup="true" class="nav-item-menu-button mat-icon-button ng-star-inserted" cogdataid="button" mat-icon-button="" data-testid="button" id="top-nav-settings" title="Settings">
<span class="mat-button-wrapper...
</button>

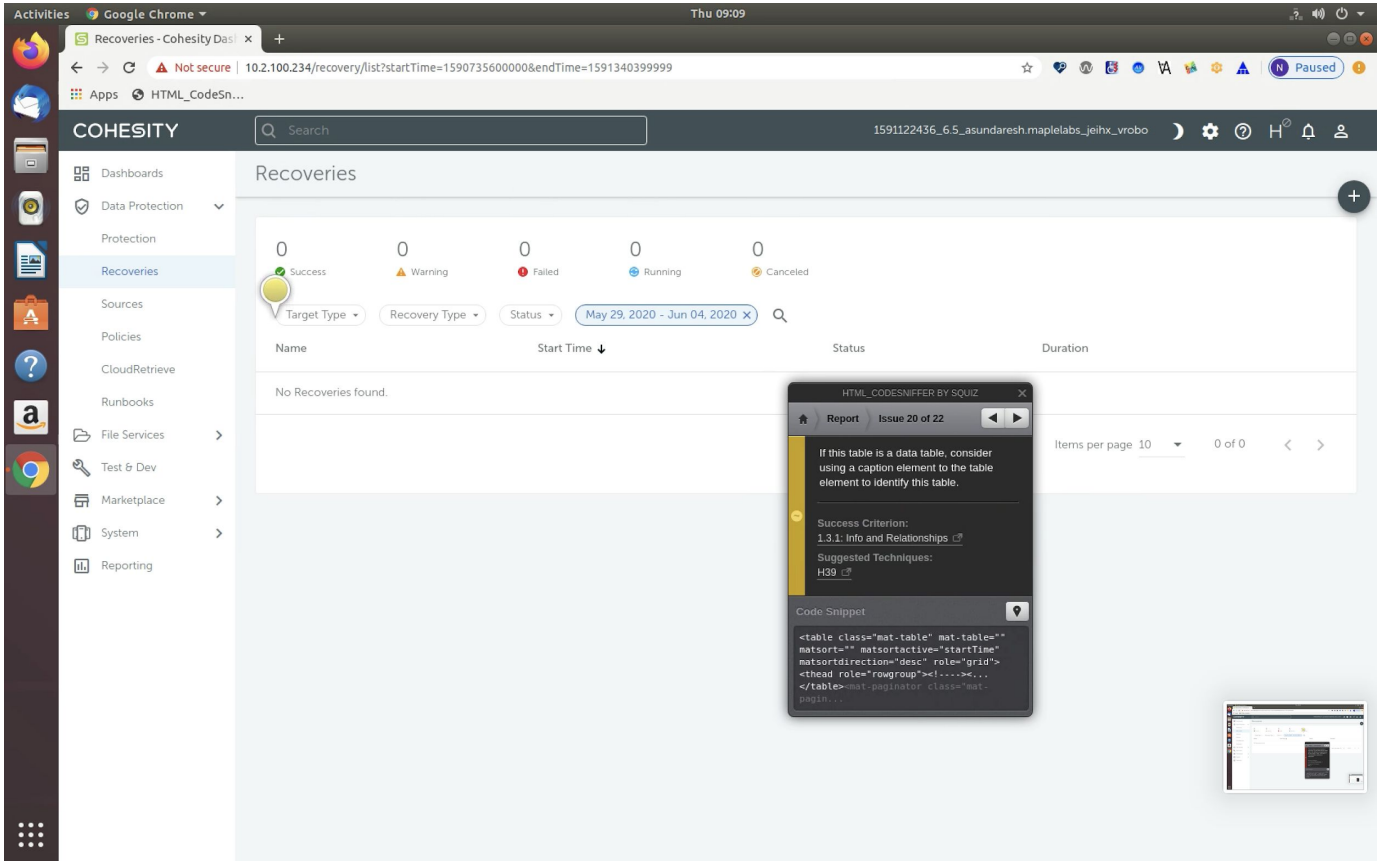
1.4.6 Contrast



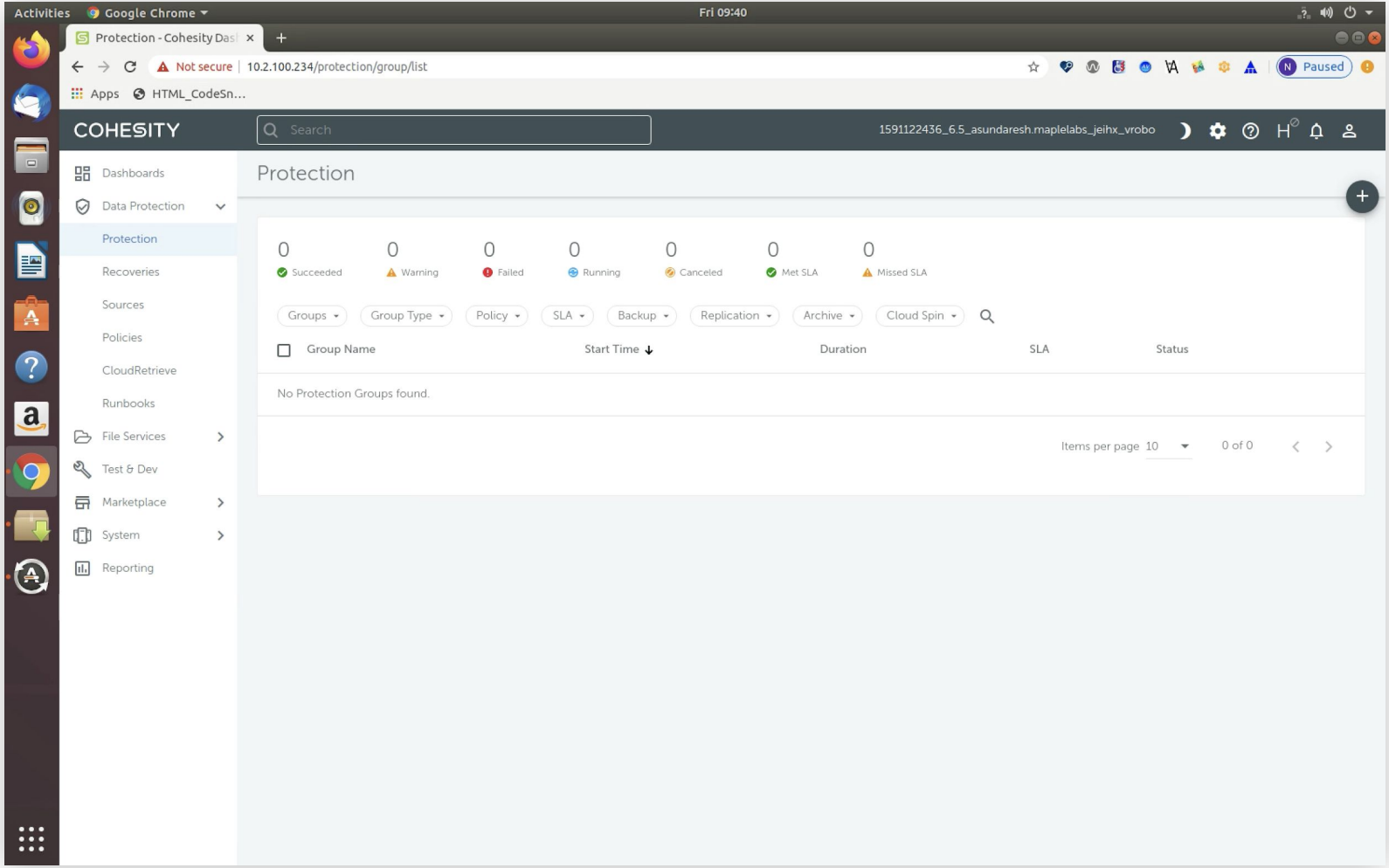
1.4.10 Reflow

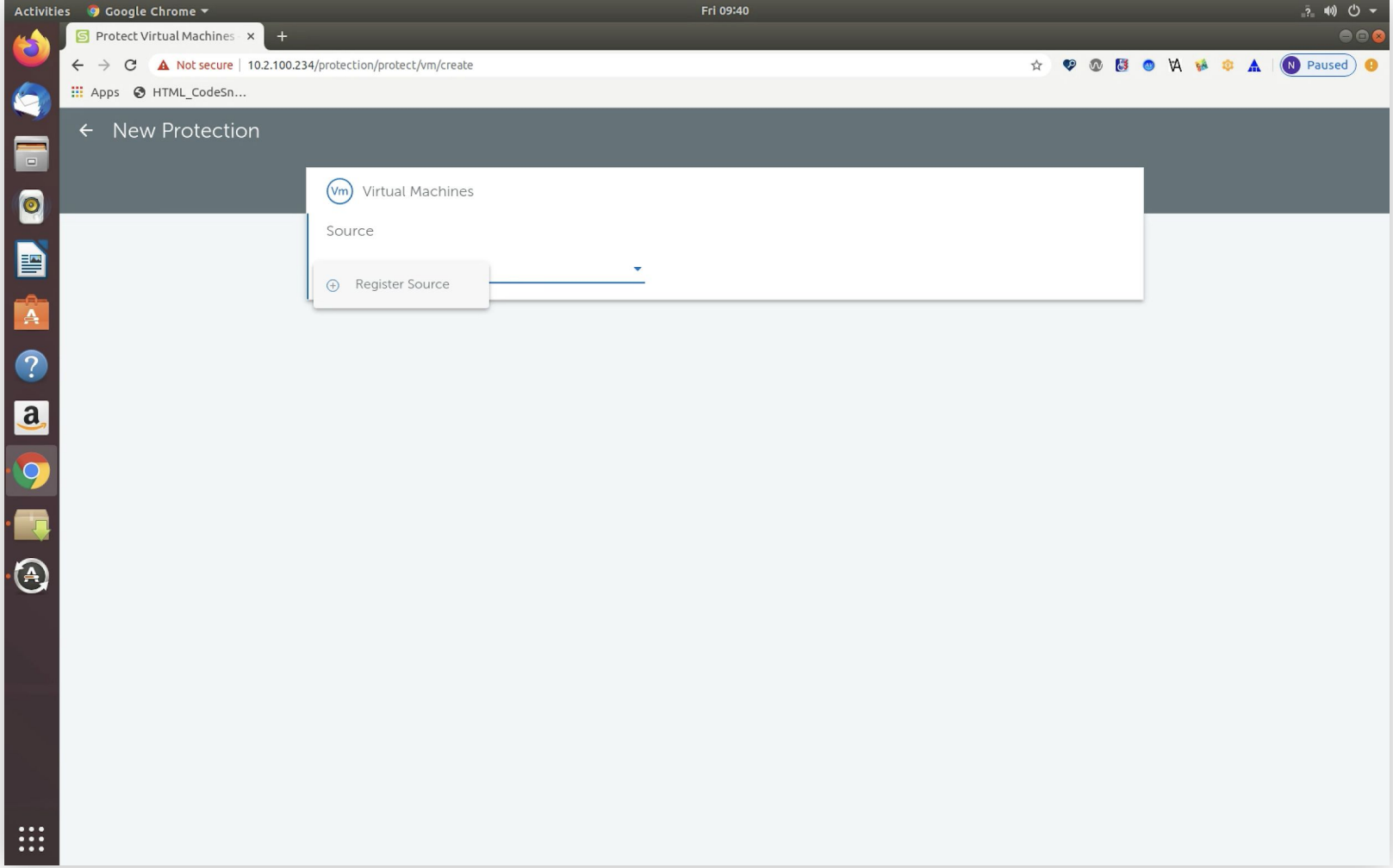

Activities
Google Chrome
Sun 07:47
Analytics Workbench App
Not secure
10.2.100.234/more/workbench/apps
Paused
Apps
HTML_CodeSn...
COHESITY
Search
1591122436_6.5_asundaresh.maplelabs_jeihx_vrobo
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
My Apps
All Apps
Workbench
System
Reporting
Apps Listing
Create App
All Apps
Video Compressor
Video Compressor app is used to compress video files. Vali...
Run App
Pattern Finder
Simple mapper that searches files for a given pattern. The patt...
Run App
Password Detector
Password detector app that tries to detect password in exc...
Run App
Developer Resource
Download the workbench base JAR file. Required for building your own custom Apps.
HTML_CODESNIFFER BY SQUIZ
Report
Issue 47 of 47
This element has "position: fixed". This may require scrolling in two dimensions, which is considered a failure of this Success Criterion.
Success Criterion:
1.4.10: Reflow
Suggested Techniques:
C32 C31 C33 C38 SCR34 G206
Code Snippet

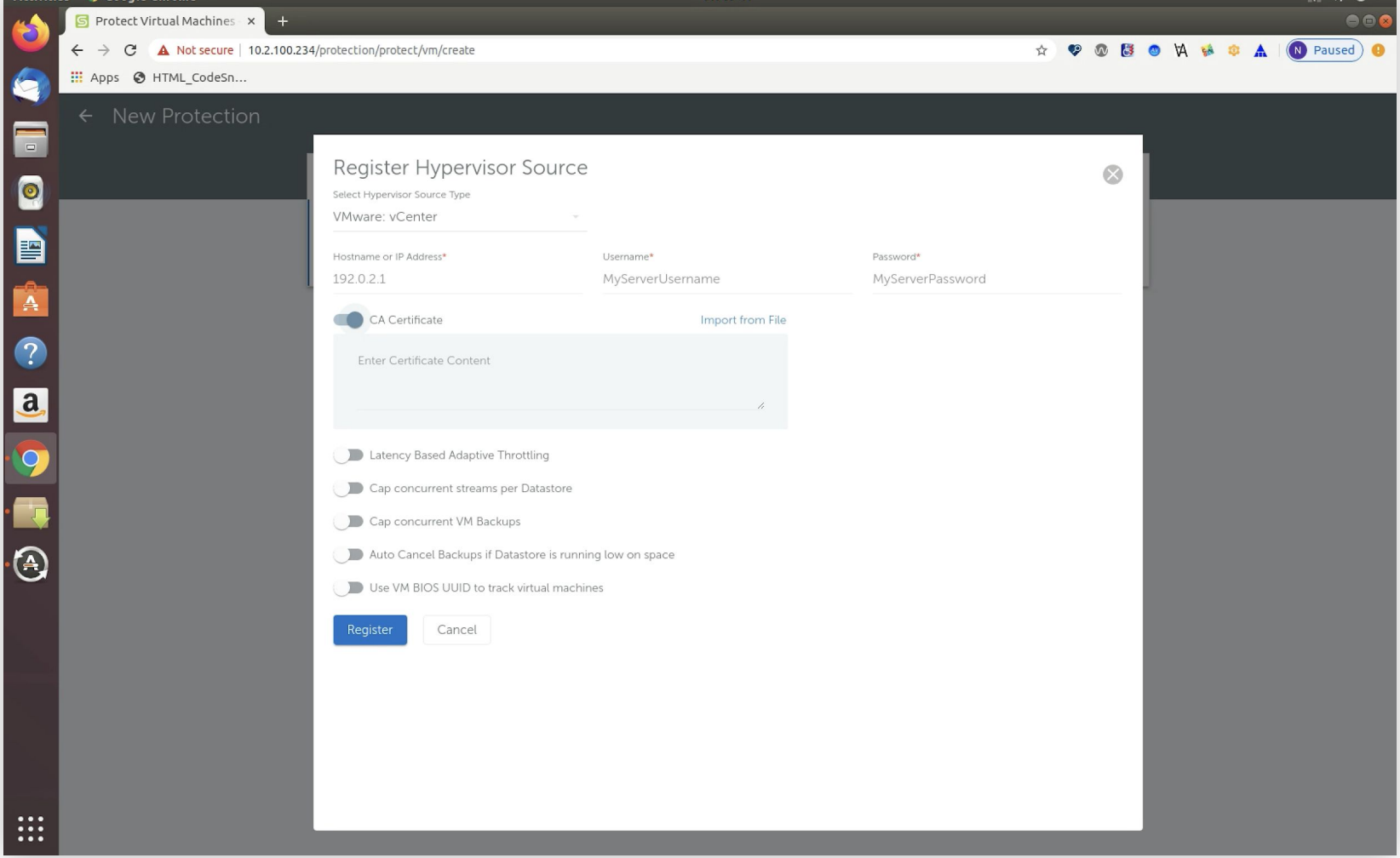
1.3.1 Info and Relationships

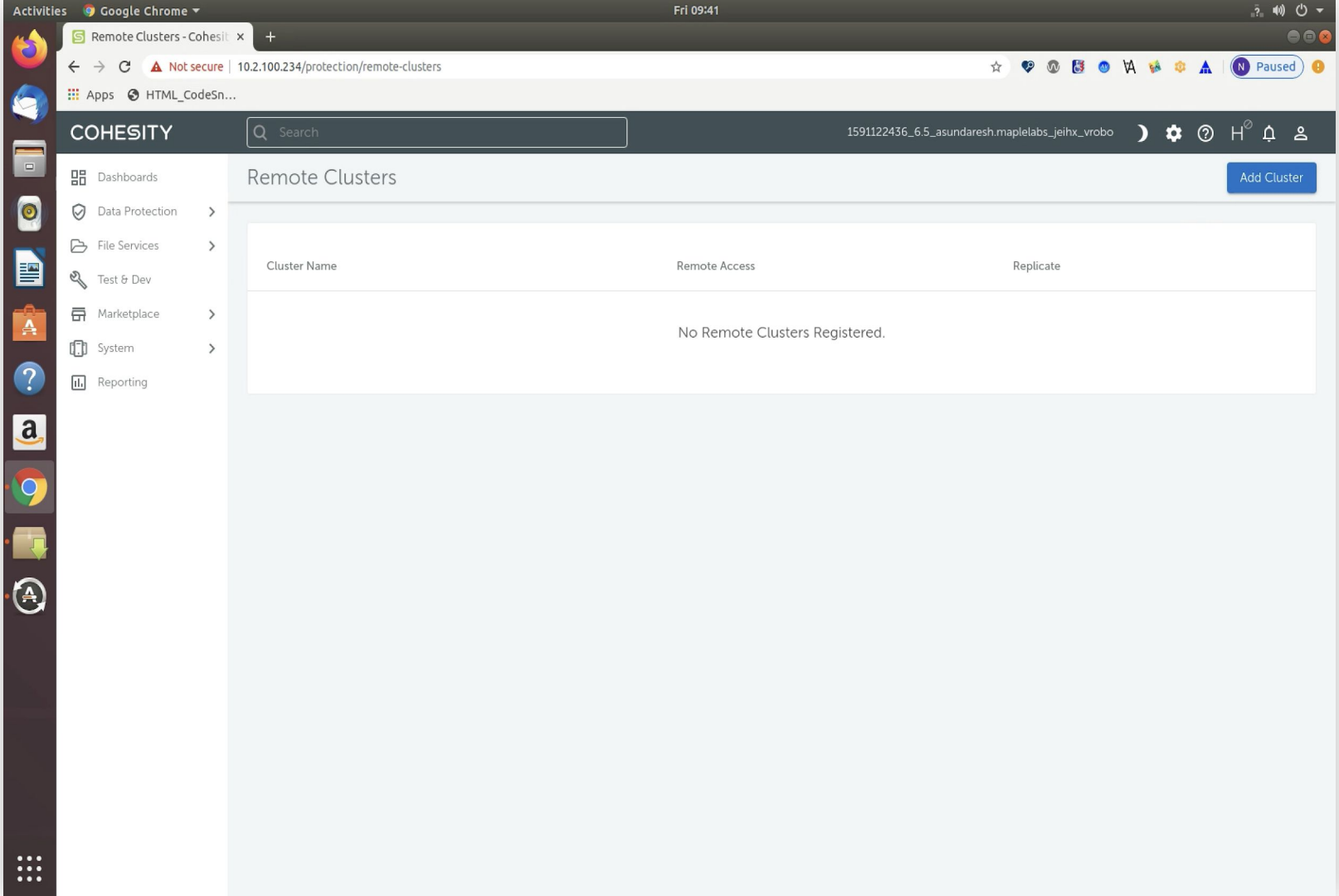


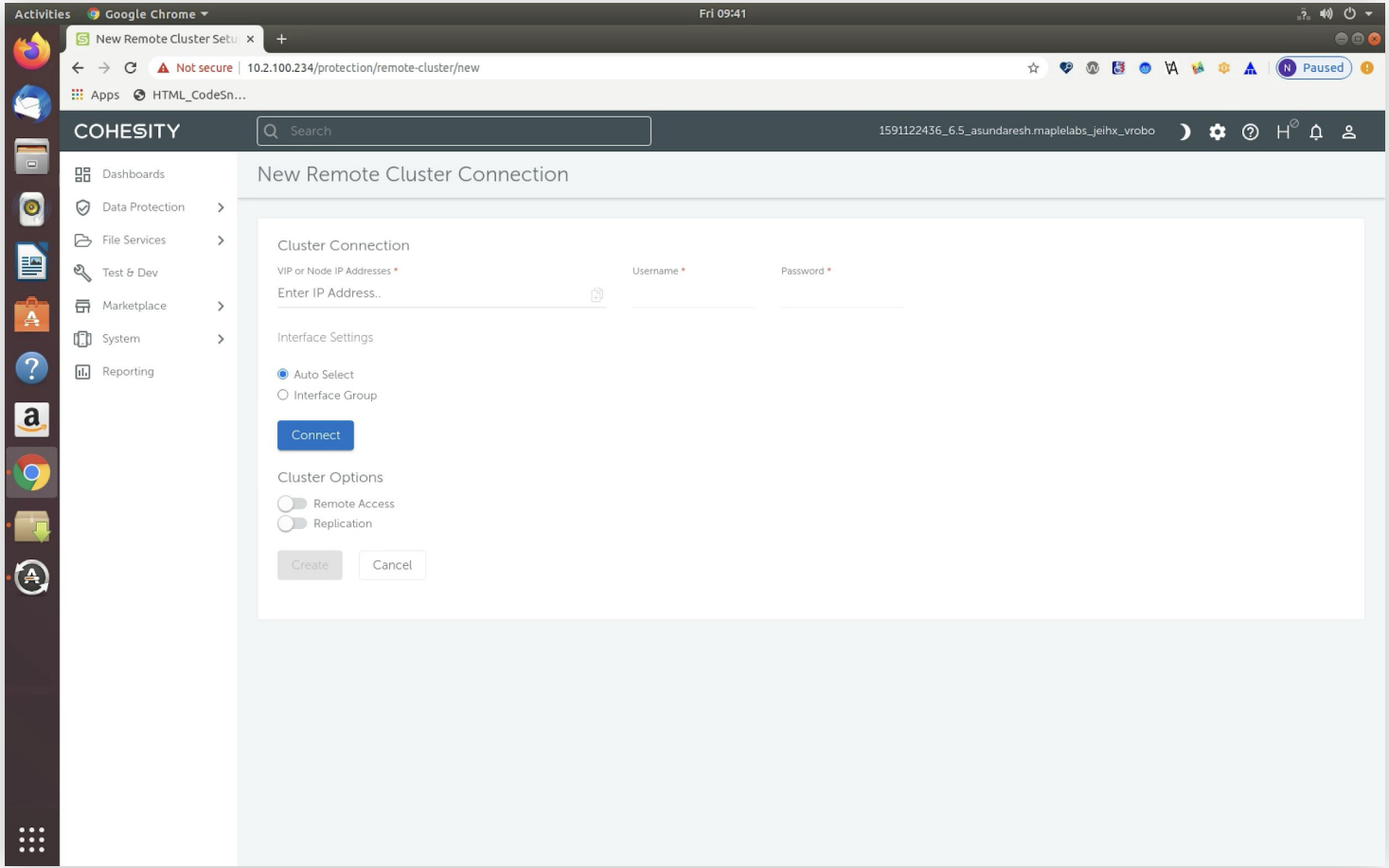
Questions


Activities
Google Chrome
Fri 09:40
Protection - Cohesity Das
Not secure
10.2.100.234/protection/group/list
Paused
Apps
HTML_CodeSn...
COHESITY
Search
1591122436_6.5_asundaresh.maplelabs_jeihx_vrobo
Dashboards
Data Protection
Protection
Recoveries
Sources
Policies
CloudRetrieve
Runbooks
File Services
Test & Dev
Marketplace
System
Reporting
Protection
0 Succeeded
0 Warning
0 Failed
0 Running
0 Canceled
0 Met SLA
0 Missed SLA
Groups
Group Type
Policy
SLA
Backup
Replication
Archive
Cloud Spin
Group Name
Start Time
Duration
SLA
Status
No Protection Groups found.
Items per page 10
0 of 0


Activities
Google Chrome
Fri 09:40
Protect Virtual Machines
Not secure
10.2.100.234/protection/protect/vm/create
Paused
Apps
HTML_CodeSn...
New Protection
Virtual Machines
Source
Register Source


Protect Virtual Machines
Not secure | 10.2.100.234/protection/protect/vm/create
Paused
Apps
HTML_CodeSn...
New Protection
Register Hypervisor Source
Select Hypervisor Source Type
VMware: vCenter
Hostname or IP Address*
192.0.2.1
Username*
MyServerUsername
Password*
MyServerPassword
CA Certificate
Import from File
Enter Certificate Content
Latency Based Adaptive Throttling
Cap concurrent streams per Datastore
Cap concurrent VM Backups
Auto Cancel Backups if Datastore is running low on space
Use VM BIOS UUID to track virtual machines
Register
Cancel


Activities
Google Chrome
Fri 09:41
Remote Clusters - Cohesit
Not secure
10.2.100.234/protection/remote-clusters
Paused
Apps
HTML_CodeSn...
COHESITY
Search
1591122436_6.5_asundaresh.maplelabs_jeihx_vrobo
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Remote Clusters
Add Cluster
Cluster Name
Remote Access
Replicate
No Remote Clusters Registered.


Activities
Google Chrome
Fri 09:41
New Remote Cluster Setu
Not secure | 10.2.100.234/protection/remote-cluster/new
Paused
Apps
HTML_CodeSn...
COHESITY
Search
1591122436_6.5_asundaresh.maplelabs_jeihx_vrobo
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
New Remote Cluster Connection
Cluster Connection
VIP or Node IP Addresses *
Enter IP Address..
Username *
Password *
Interface Settings
Auto Select
Interface Group
Connect
Cluster Options
Remote Access
Replication
Create
Cancel

Weekly Progress

Week - 5
15 June ’20 - 19 June ‘20

Actual timeline - Jul 17 (4 weeks to go)

Screens status

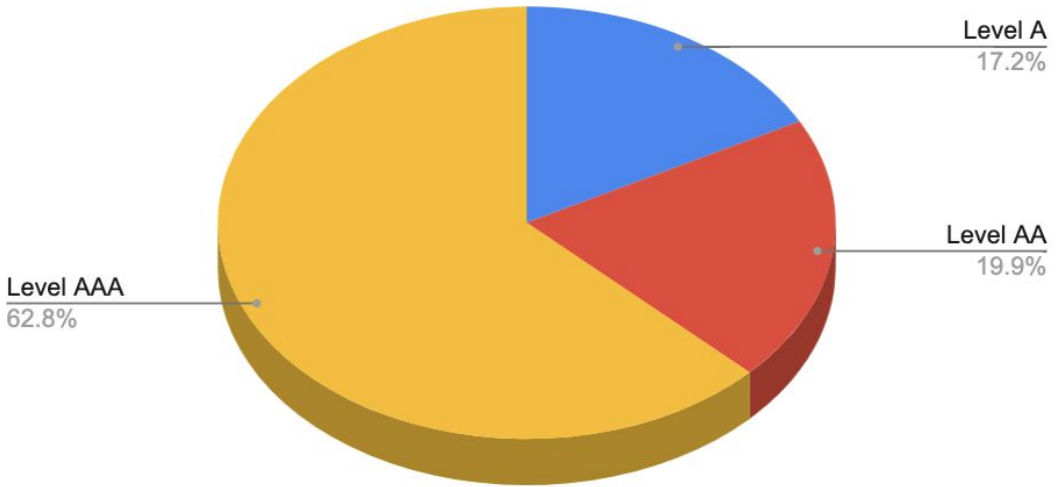
Number of screens analysed = **15**

Total = **35** (out of 85 pages)

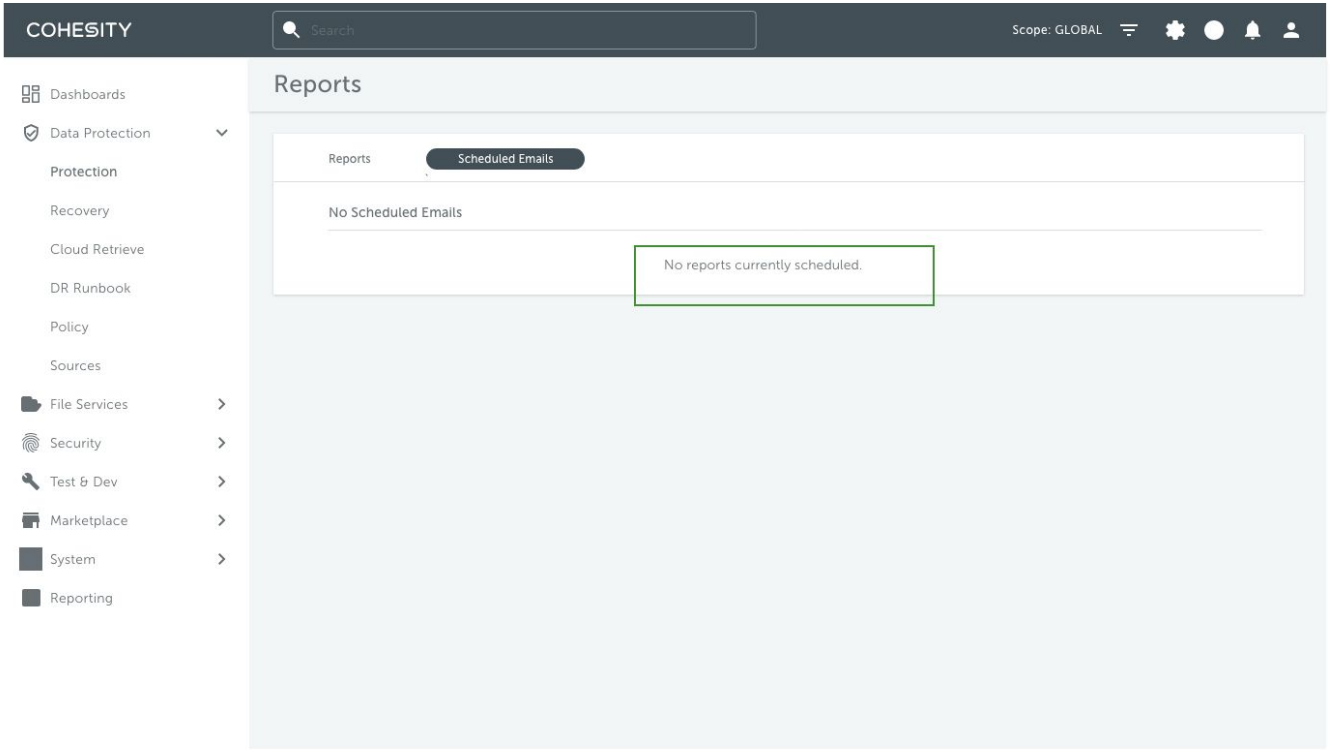
Number of issues identified = **656**

Total Issues = **1329**

Navigation	-		-
Dashboard	-		-
Data Protection	Protection	-	-
		New Protection	Virtual Server_New Protection
			Virtual Server_VM
			Virtual Server_Add Object
		View	Select Views
			Step 2
	Policy	Create Policy	More Options
			Basic
	Recoveries		-
	Sources		-
	Policies		-
	Cloud Retrieve		-
File Services	Views		-
	Shares		-
	Data Migration		-
	Anti Virus		-
Test & Dev	-		-
Market Place	My Apps		-
	Workbench		-
System	Storage		Cluster
			Storage Domains
			Consumers
	Alerts		Alerts Summary
			Analytics
			Resolution Summary
			Settings
	Performance		Cluster
			Storage Domain
			Nodes
	Advanced Diagnostics		
	Audit Logs		
Reporting	Reports		
	Scheduled Emails		

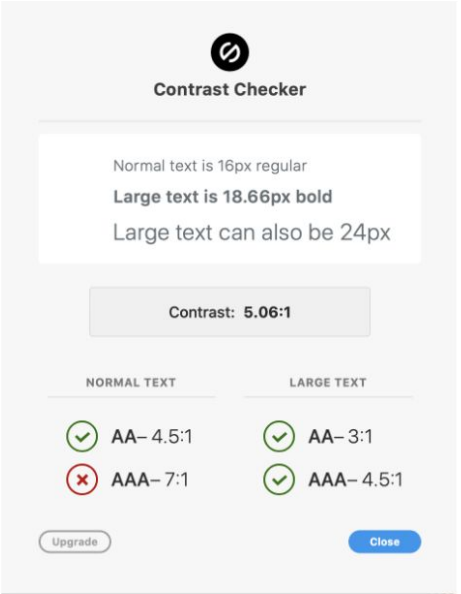


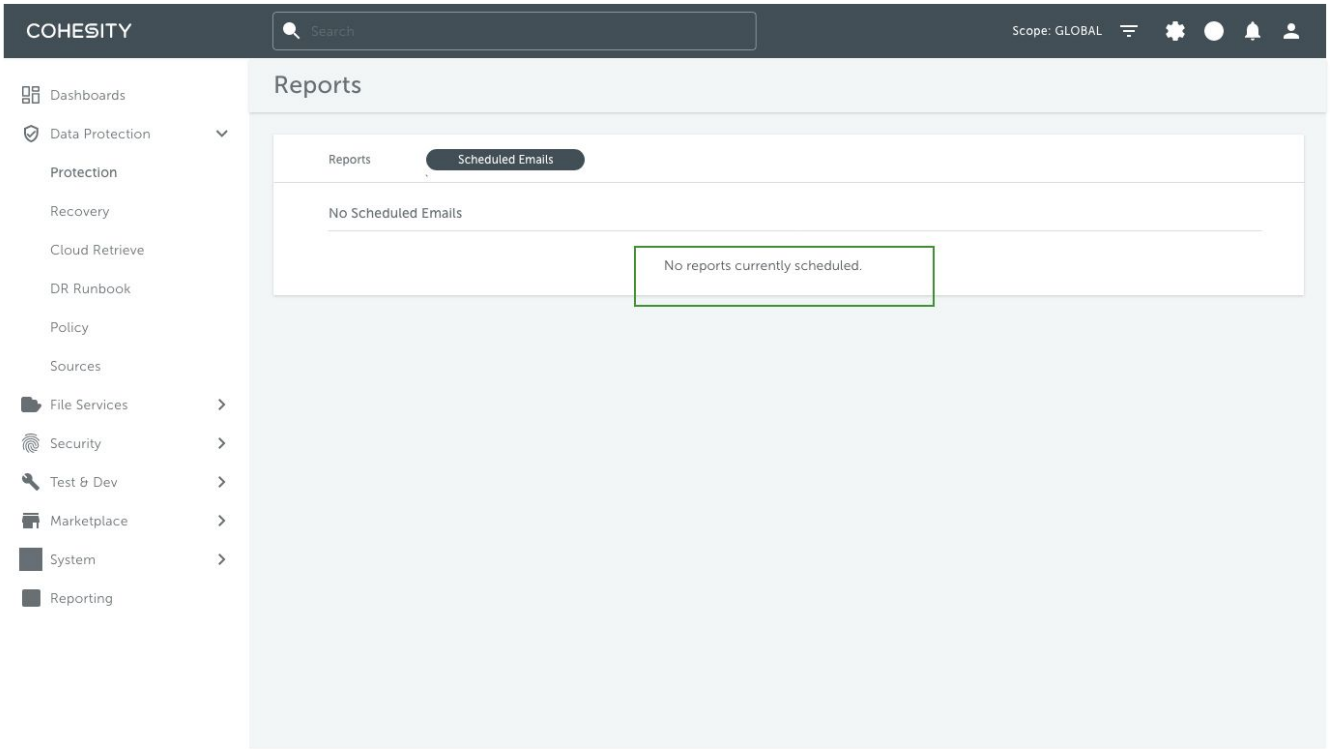
Colour Contrast : Stark Plugin



Font size	Font Weight	Font Colour
14Px	500	#677075

Stark Plugin Results





Font size	Font Weight	Font Colour
14Px	500	#4B5458

Stark Plugin Results

Contrast Checker

Normal text is 16px regular

Large text is 18.66px bold

Large text can also be 24px

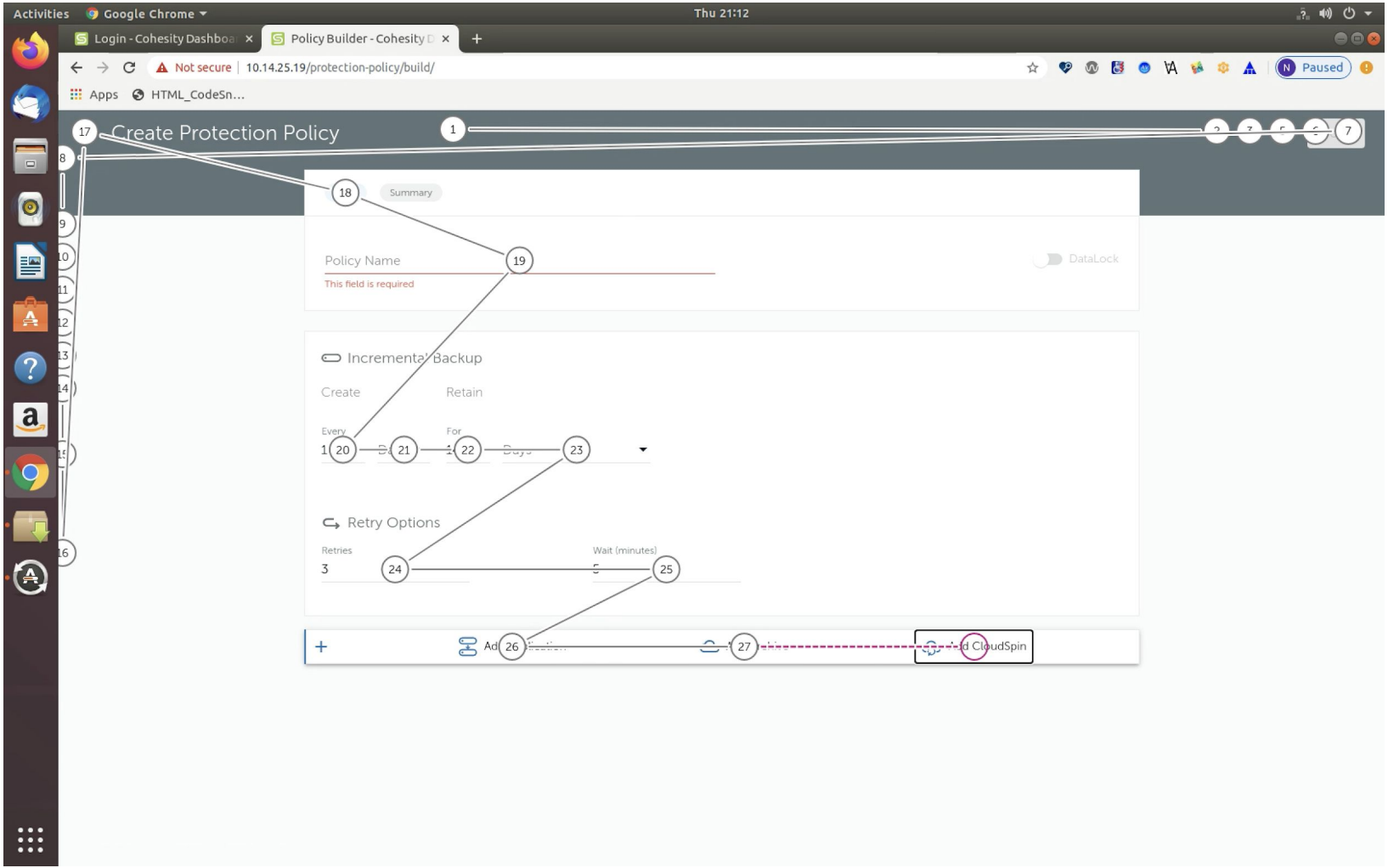
Contrast: 7.75:1

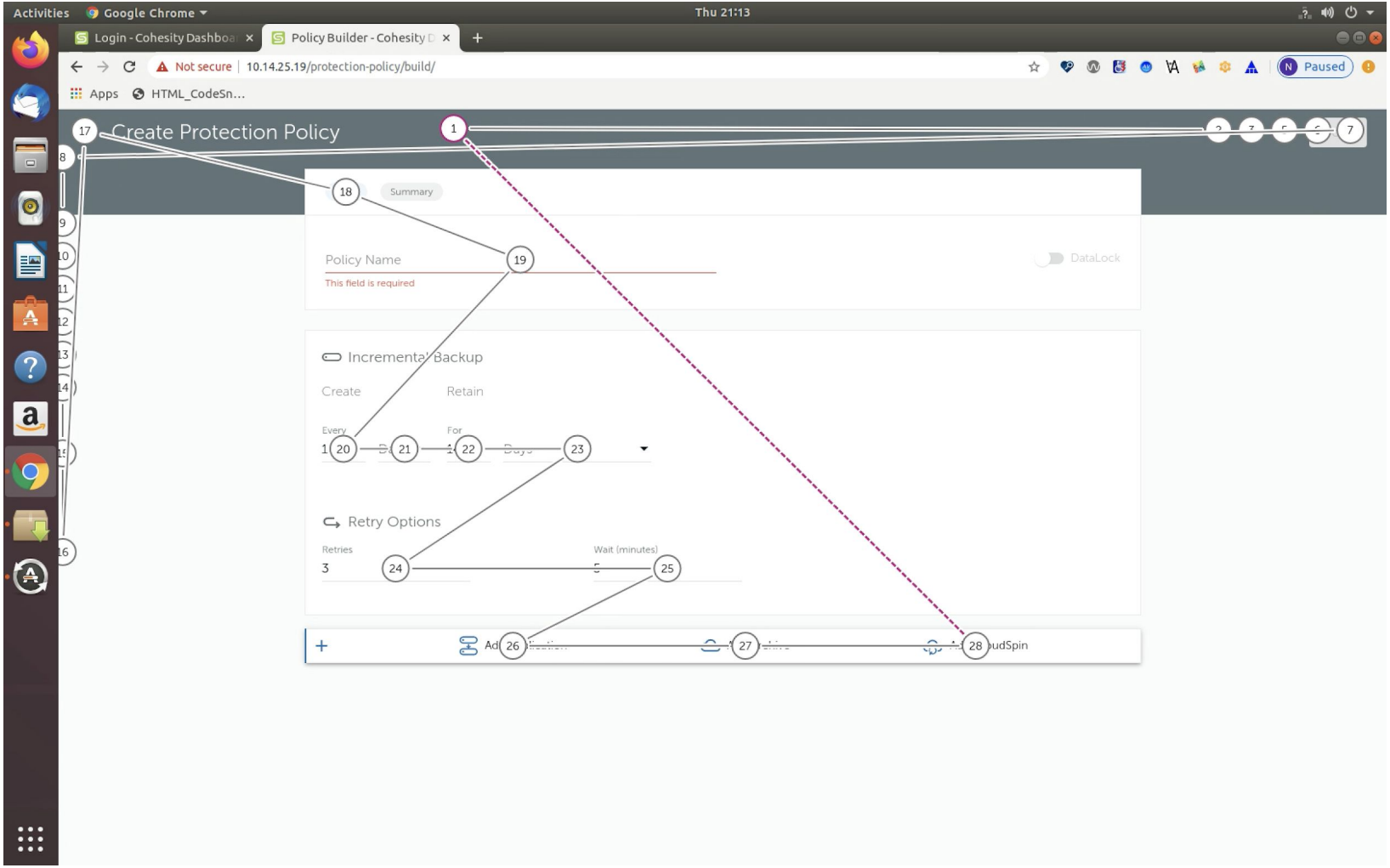
NORMAL TEXT	LARGE TEXT
AA– 4.5:1	AA– 3:1
AAA– 7:1	AAA– 4.5:1

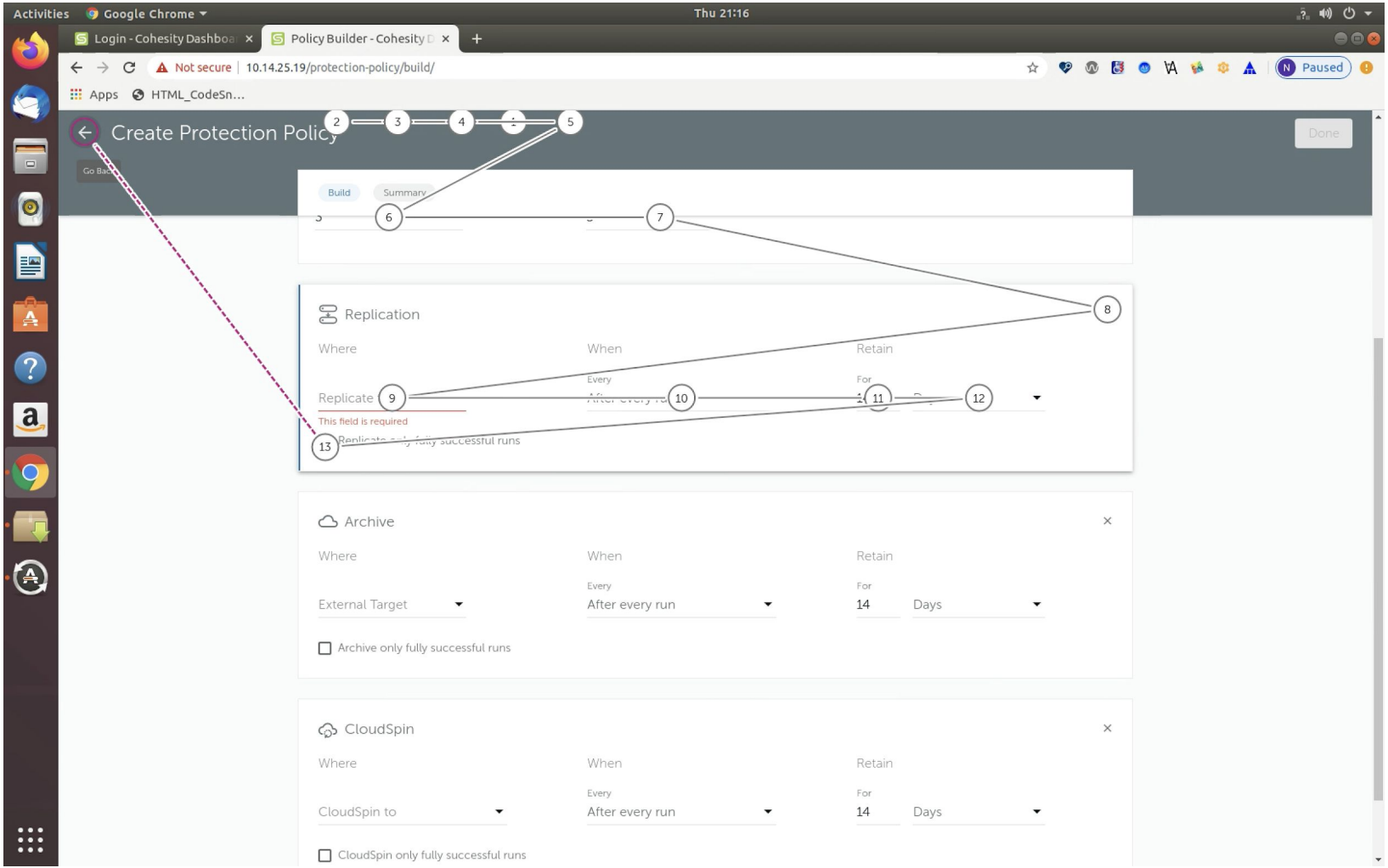
Upgrade

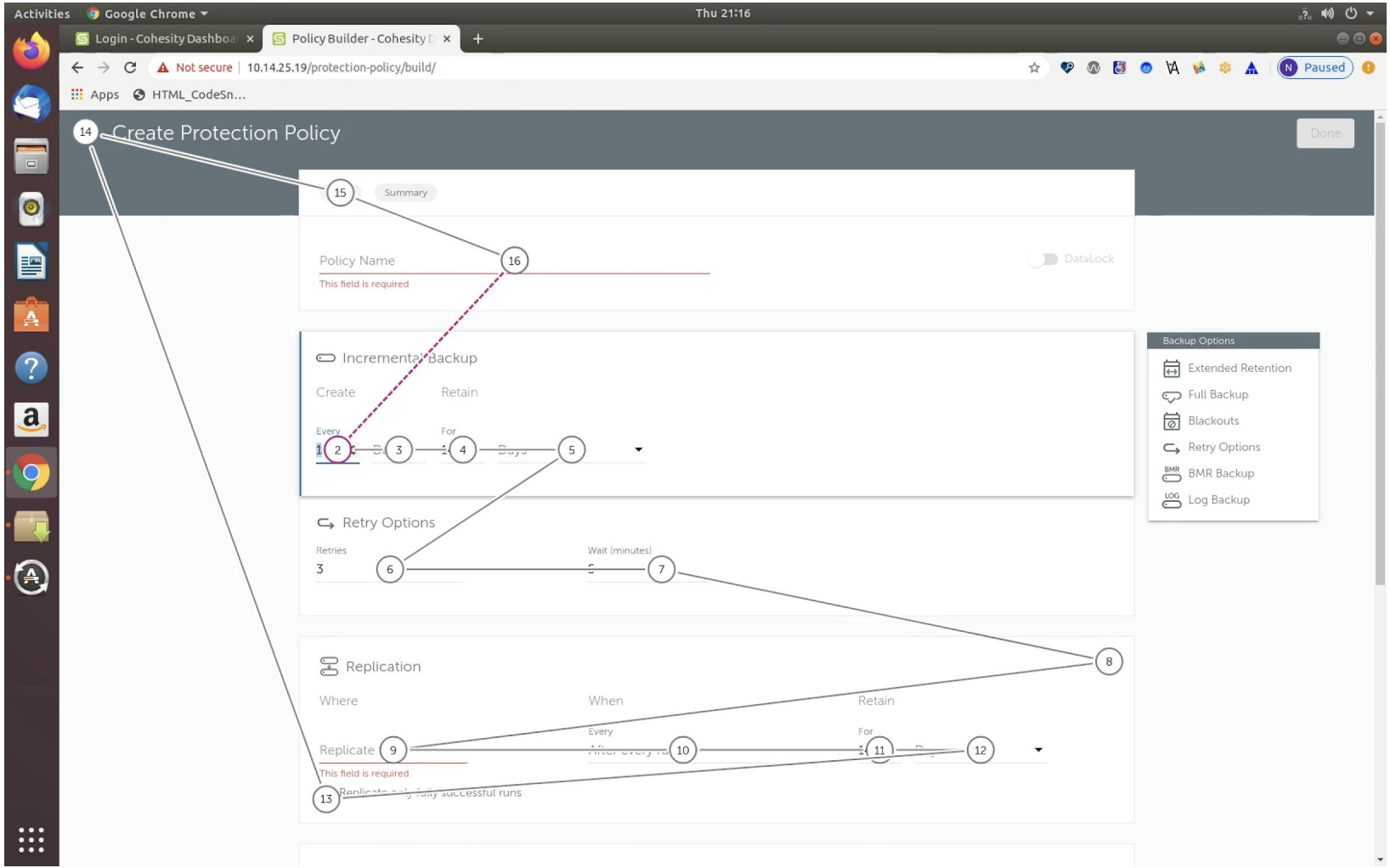
Close

Keyboard Accessibility


Activities
Google Chrome
Thu 21:12
Login - Cohesity Dashboa
Policy Builder - Cohesity D
Not secure | 10.14.25.19/protection-policy/build/
Paused
Apps
HTML_CodeSn...
Create Protection Policy
1
7
17
8
9
10
11
12
13
14
15
16
18
Summary
Policy Name
19
This field is required
DataLock
Incremental Backup
Create
Retain
Every
For
1
20
21
22
23
Retry Options
Retries
3
24
Wait (minutes)
25
26
27
CloudSpin


Activities
Google Chrome
Thu 21:13
Login - Cohesity Dashboa
Policy Builder - Cohesity D
Not secure | 10.14.25.19/protection-policy/build/
Paused
Apps
HTML_CodeSn...
Create Protection Policy
Summary
Policy Name
This field is required
DataLock
Incremental Backup
Create
Retain
Every
For
Retry Options
Retries
3
Wait (minutes)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28


Activities
Google Chrome
Thu 21:16
Login - Cohesity Dashboa
Policy Builder - Cohesity D
Not secure | 10.14.25.19/protection-policy/build/
Paused
Apps
HTML_CodeSn...
Create Protection Policy
Done
Build
Summary
Replication
Where
When
Retain
Every
For
Replicate
This field is required
Archive
Where
When
Retain
Every
For
External Target
After every run
14
Days
Archive only fully successful runs
CloudSpin
Where
When
Retain
Every
For
CloudSpin to
After every run
14
Days
CloudSpin only fully successful runs
2
3
4
5
6
7
8
9
10
11
12
13


Activities
Google Chrome
Thu 21:16
Login - Cohesity Dashboa
Policy Builder - Cohesity D
Not secure
10.14.25.19/protection-policy/build/
Paused
Apps
HTML_CodeSn...
Create Protection Policy
Done
Summary
Policy Name
This field is required
DataLock
Incremental Backup
Create
Retain
Every
For
Retry Options
Retries
3
Wait (minutes)
Replication
Where
When
Retain
Every
For
Replicate
This field is required
Backup Options
Extended Retention
Full Backup
Blackouts
Retry Options
BMR Backup
Log Backup
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Questions

Screens that we do not have enough data to test:

1. Protection - Physical Server (Block band)
2. Protection - Physical Server (File band)
3. Protection - MS SQL Server
4. Protection - Oracle Database
5. Protection - Remote Adapter
6. Recoveries - Files and Folders
7. Policies - Summary?
8. Cloud Retrieve
9. Runbooks

Weekly Progress

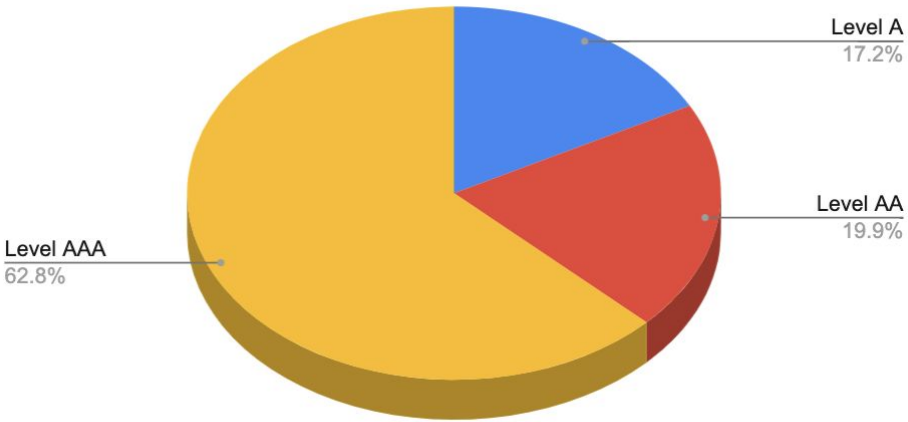
Week - 6
22 June ’20 - 26 June ‘20

Actual timeline - Jul 17 (3 weeks to go)

Screens status

Number of screens analysed = **13**

Total = **48** (out of 85 pages)

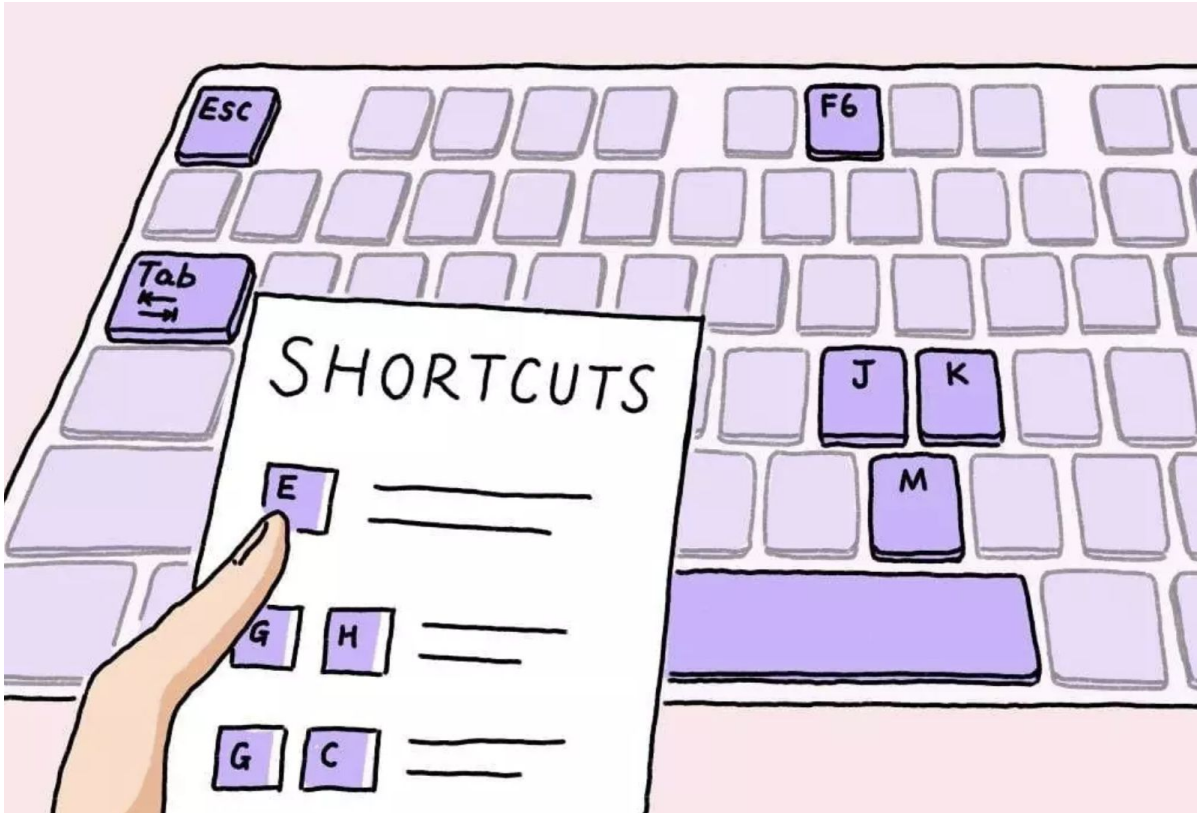


Navigation	-	-	-
Dashboard	-	-	
Data Protection	Protection		
		Details Runs	
		Details Audit Trails	
		Details Settings	
		Virtual Server	Virtual Server_VM
			Virtual Server_Add Object
			Virtual Server_New Protection
		View	Select Views
			Step 2
	Policy	Create Policy	More Options
			Basic
	Recoveries		
	Sources		
	Policies		
	Cloud Retrieve		
	Views	-	
		All Summary	
		Global Settings	
File Services			
	Data Migration		
	Anti Virus		
	S3.5 External NAS Tiering		
	-	-	
Test and Dev	Clone	Vm Clone	
		VM	
		View - Clone view	
		View	
	Alerts	Alerts Summary	
		Analytics	
		Resolution Summary	
		Settings	
	Storage	Cluster	
		Storage Domains	
System		Consumers	
	Performance	Cluster	
		Storage Domain	
		Nodes	
	Health	Components	
	Audit Logs	File Services	
		Log Settings	
		Advanced Diagnoatics	
		Audit Logs	
Reporting	Reports		
	Scheduled Emails		
Market Place	My Apps		
	Workbench		

Tab Stops

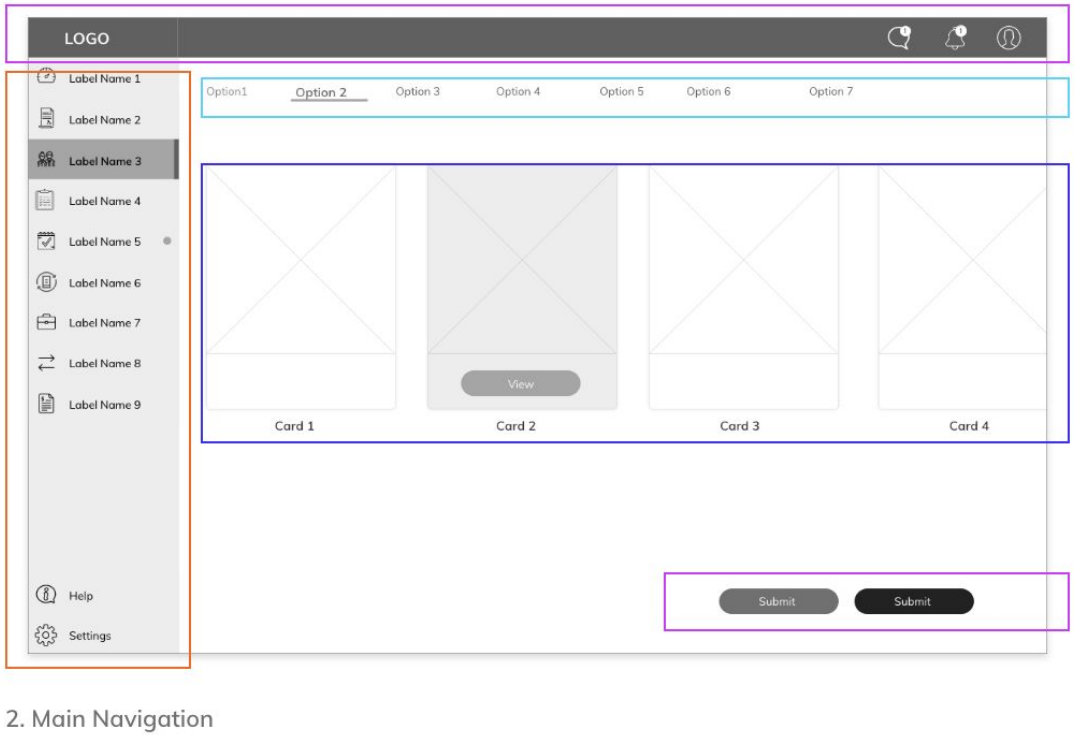
Introduction

1. Motor Impairment (RSI users) completely rely on keyboard.
2. Visually impaired users typically uses keyboard for the navigation along with assistive technology.



Common Guidelines

1. Interacting the elements on the web page
2. Basic keyboard behaviour
3. Screen Readers too.



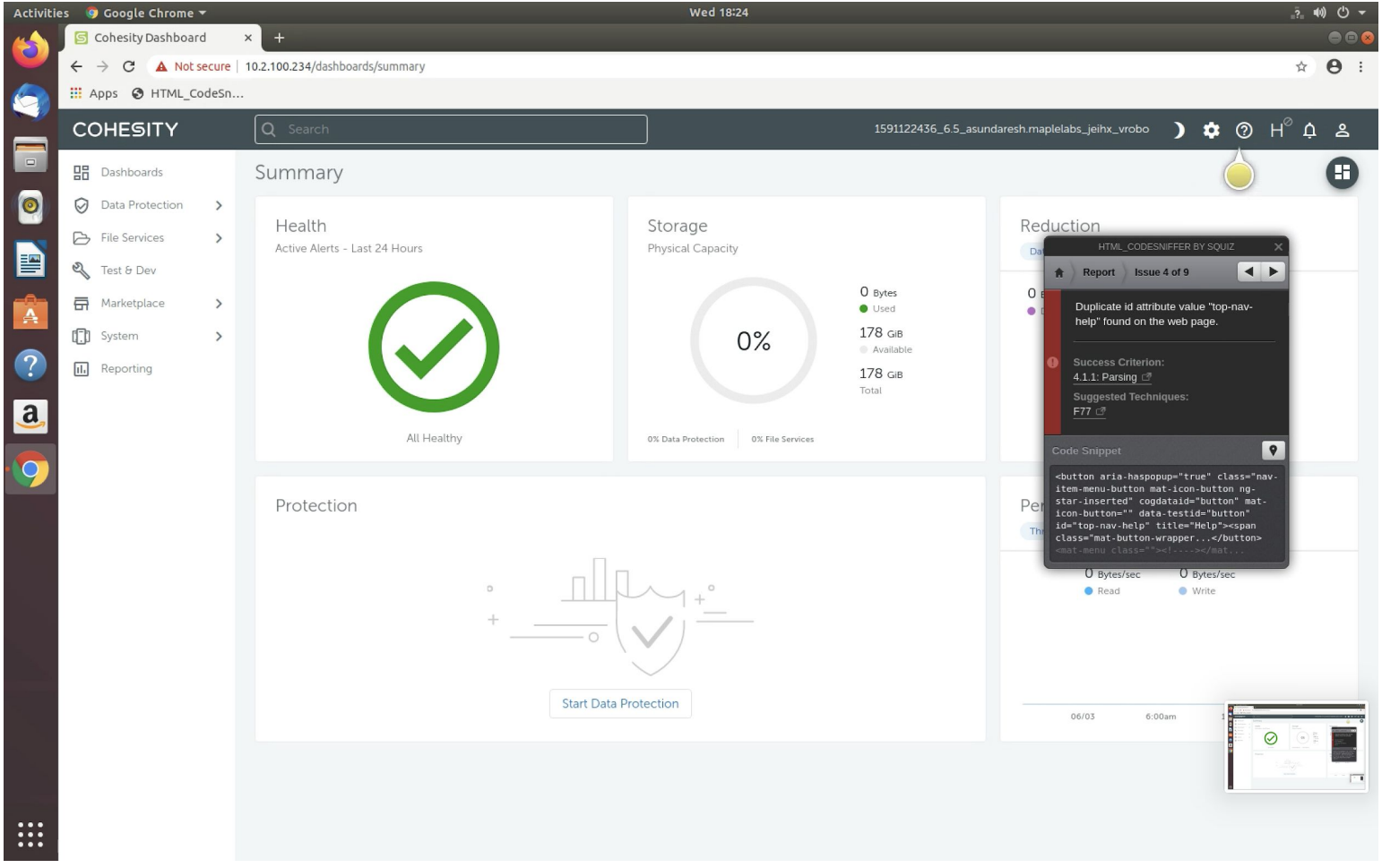
Keyboard basic and keys

Keys	Interaction Notes
Tab	Forward Navigation
Shift Tab	Backward Navigation
Enter	Links/ Buttons
Spacebar	Check/ Uncheck options
Up/ Down Arrows	Navigate between Options
Esc	Close

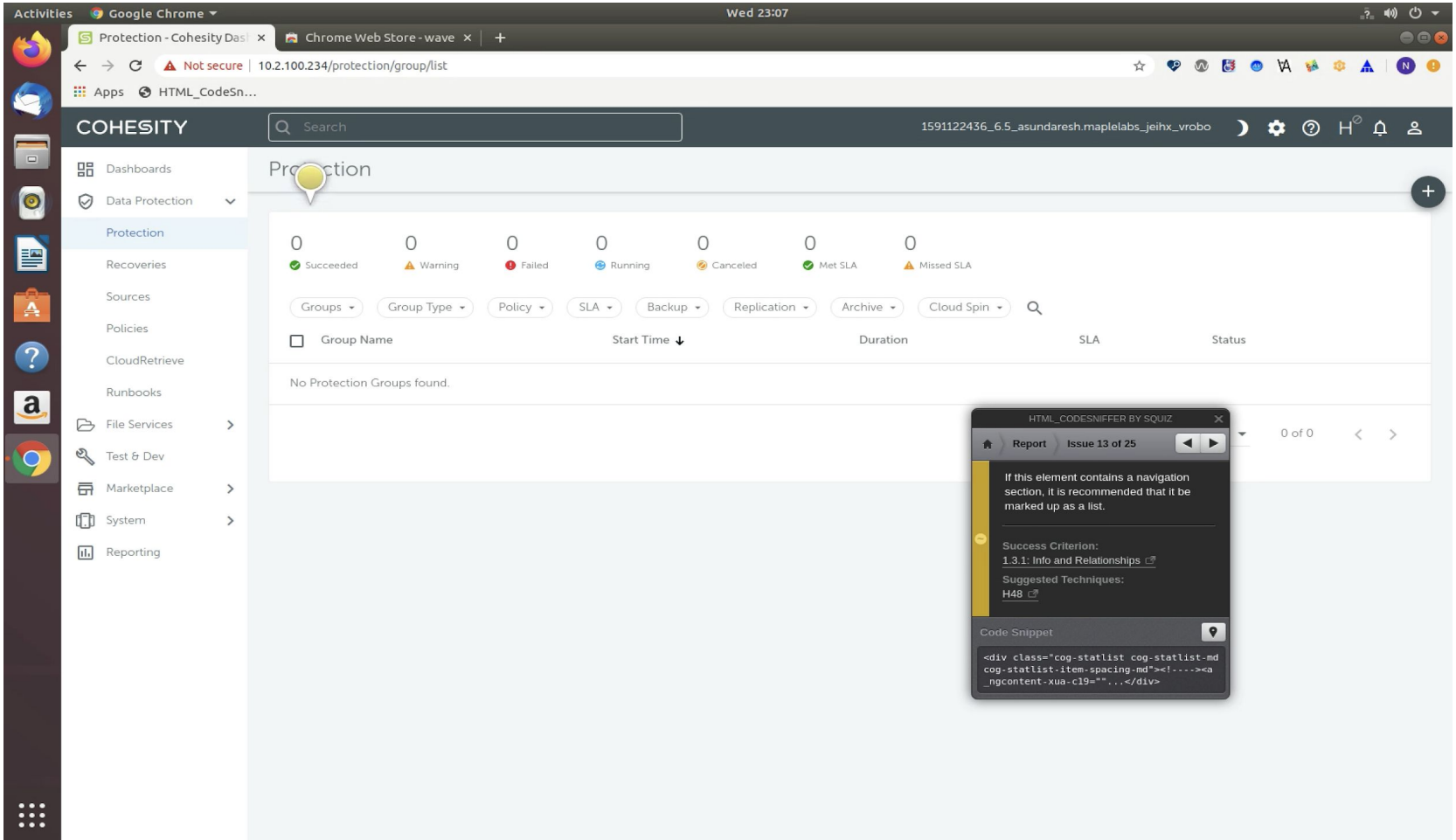
Cohesity IRIS specifics (WIP)

1. Type of screen tab behaviour
    a. Analytical View/ Dashboard
    b. Tabular Form
    c. Take Over/ Form
    d. Page tree form
    e. Modal Window
    f. Table
    g. Tabs and Calendar
    h. Left to Right and Top to bottom
    i. Reports

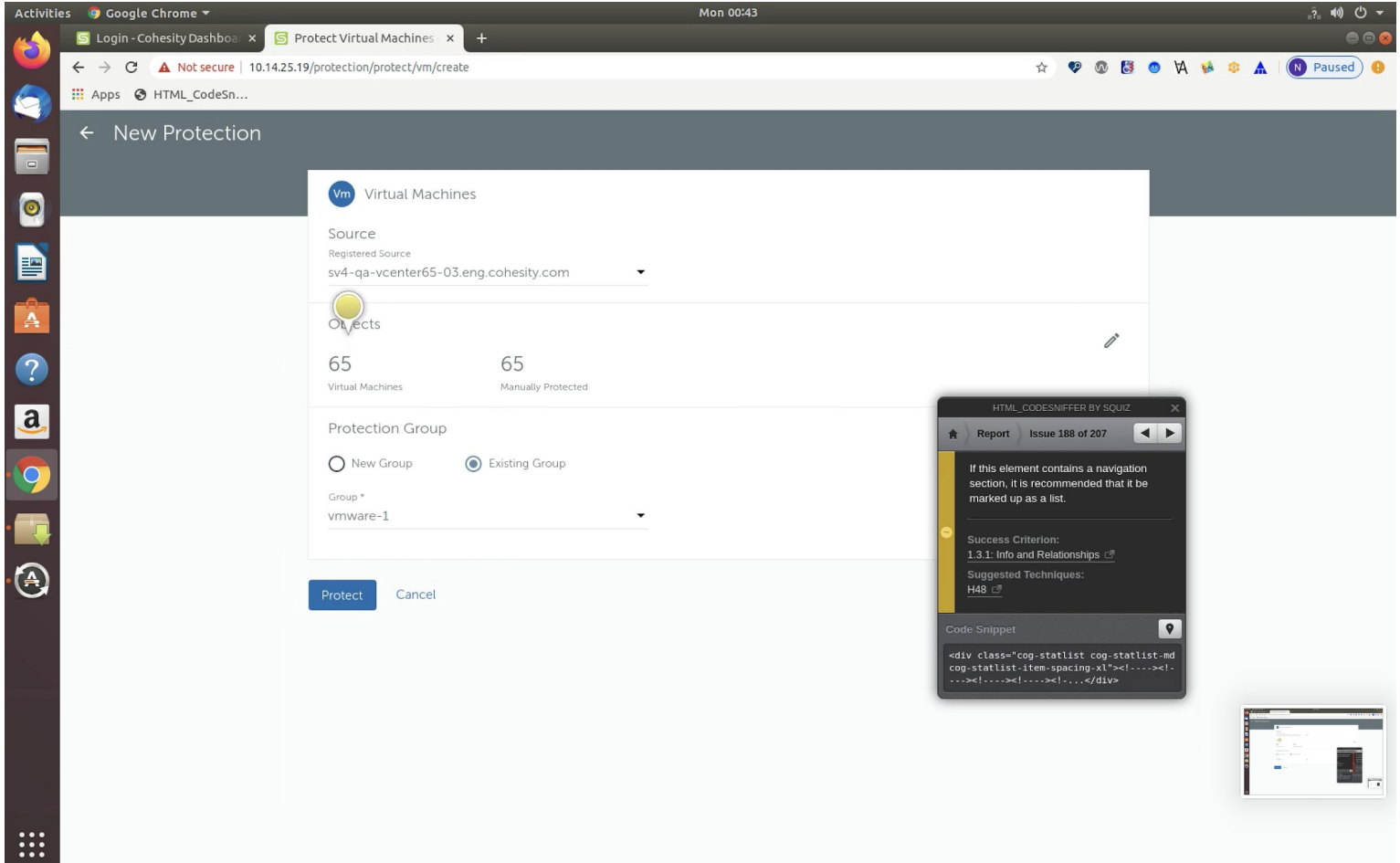
a. Analytical View



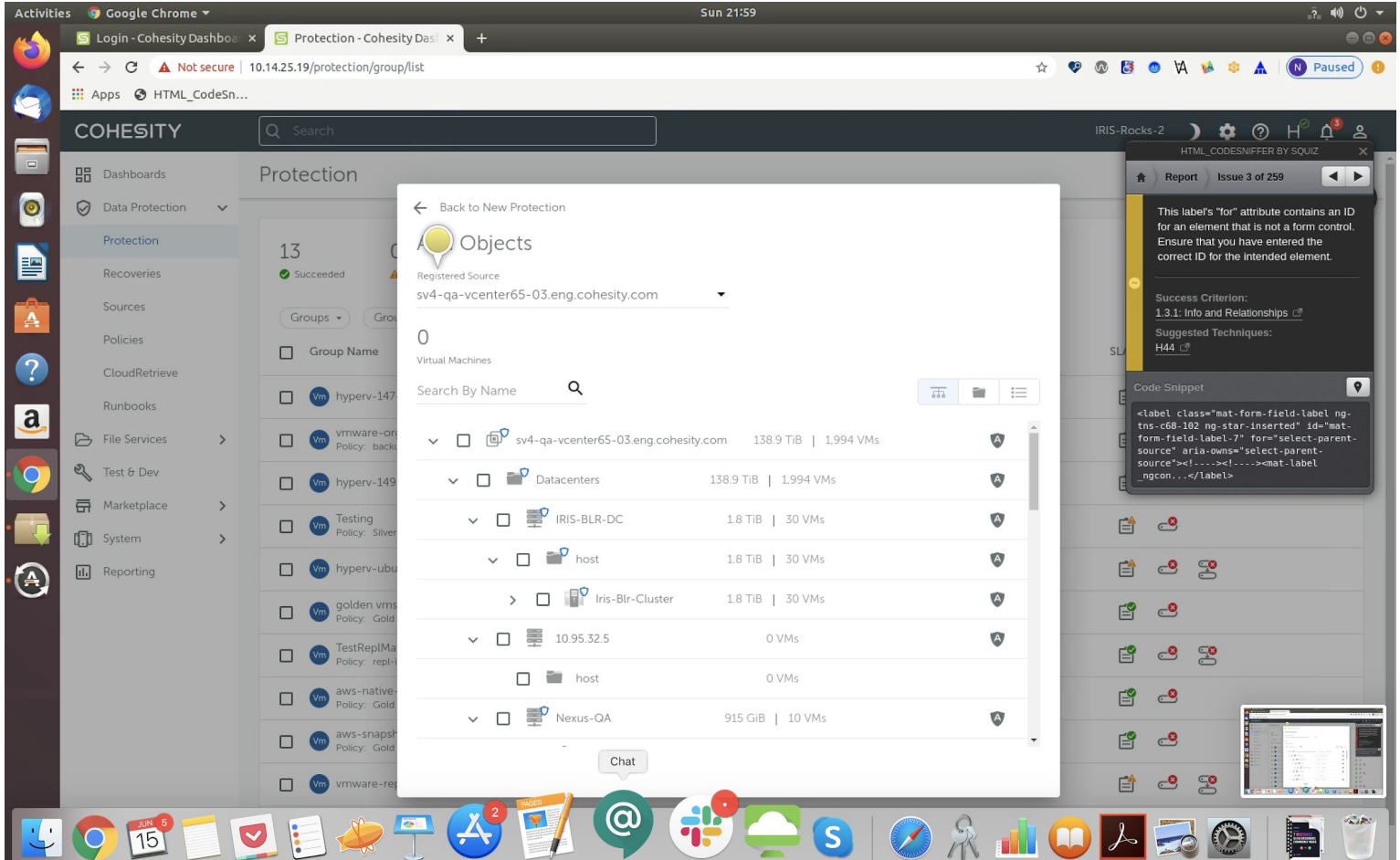
b. Tabular Form



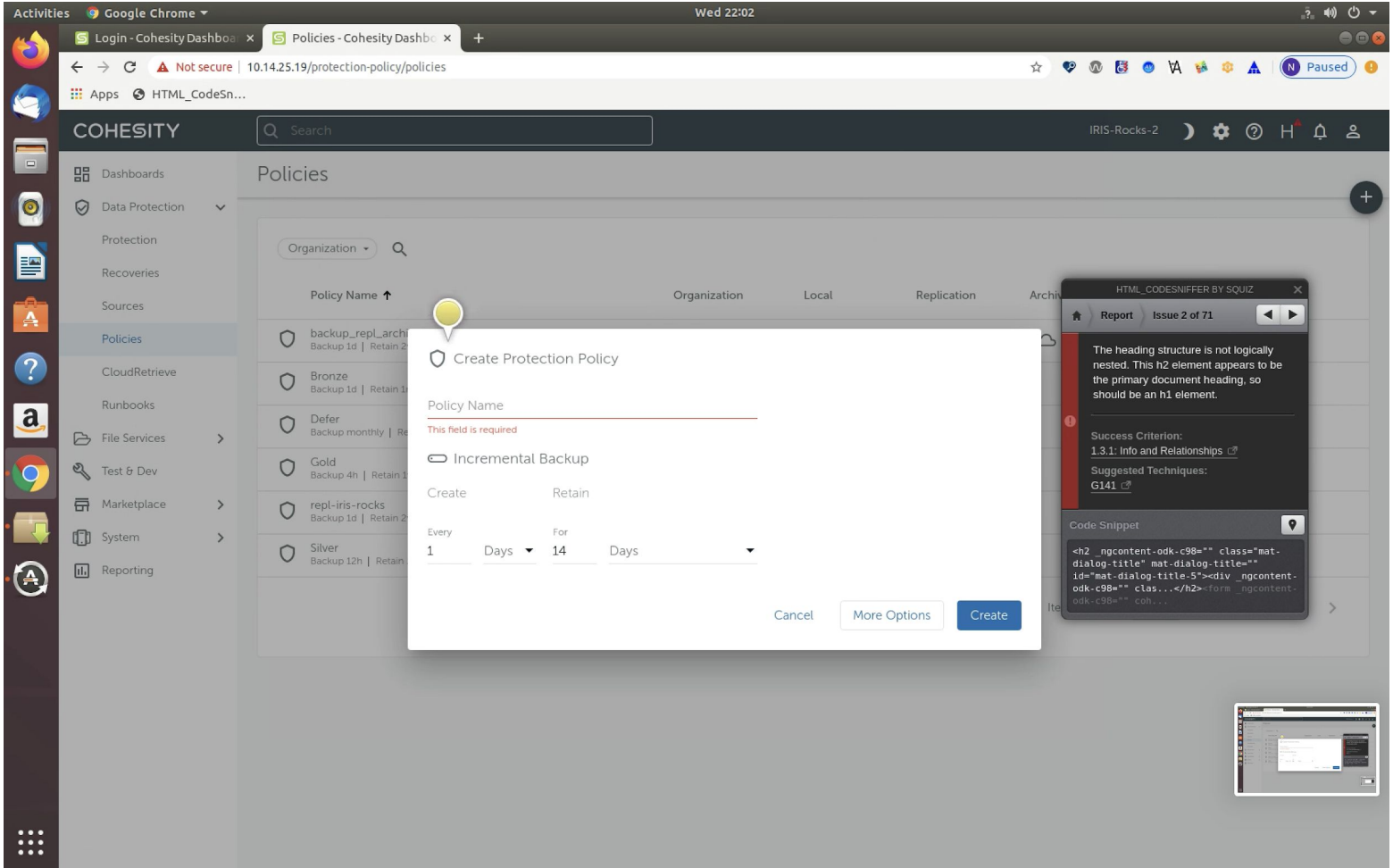
c. Take Over/ Form



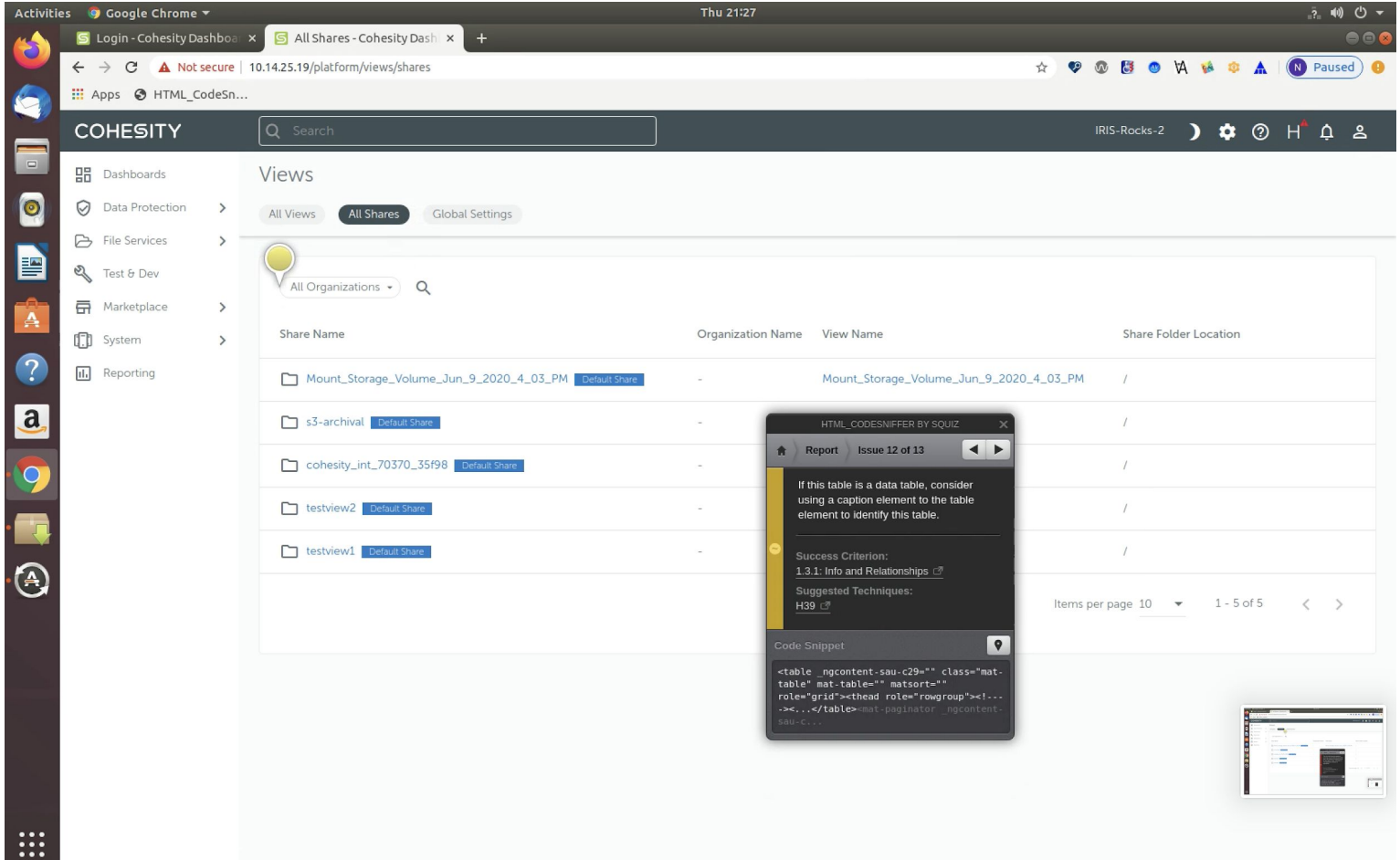
4. Page tree form



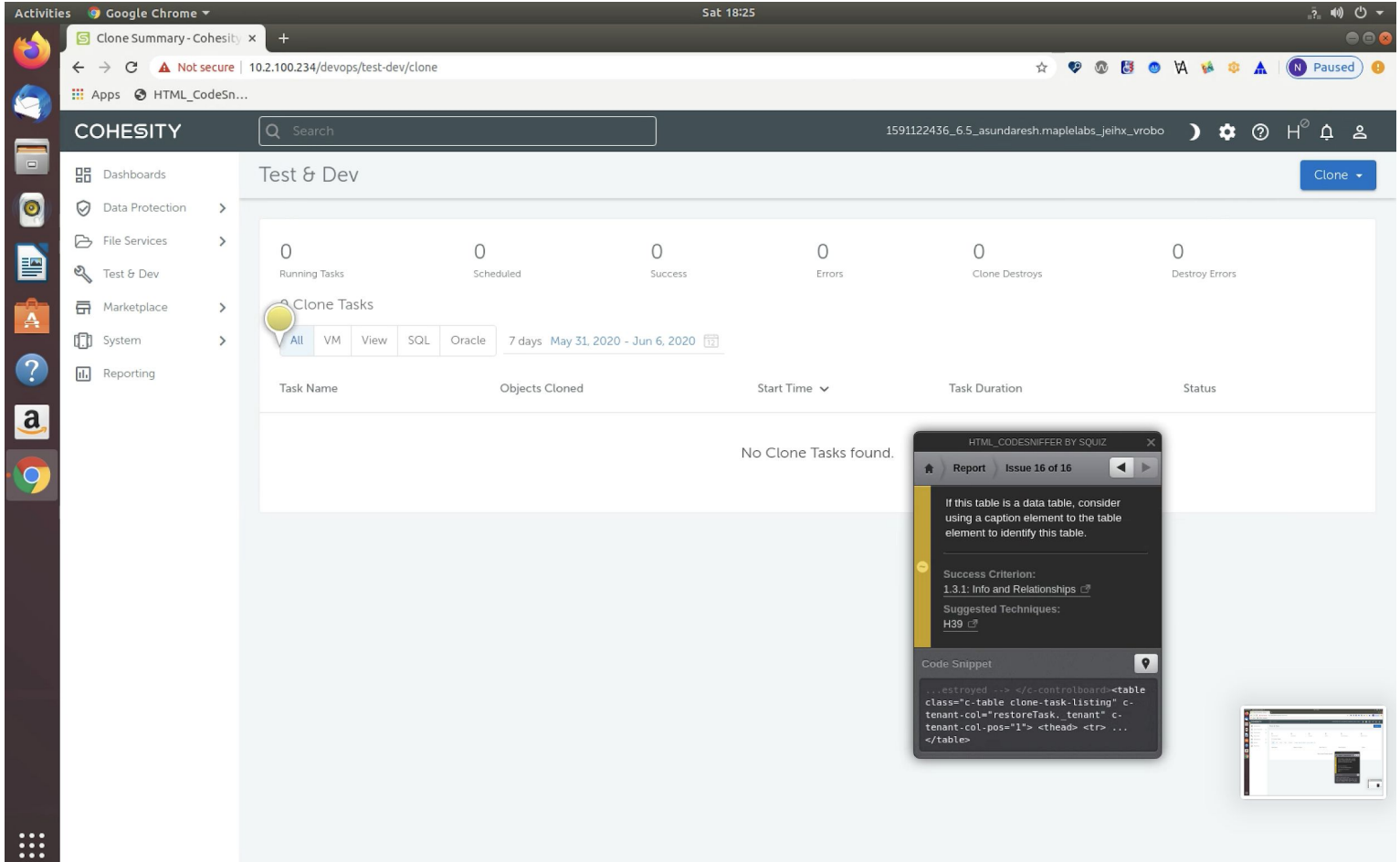
5. Modal Window



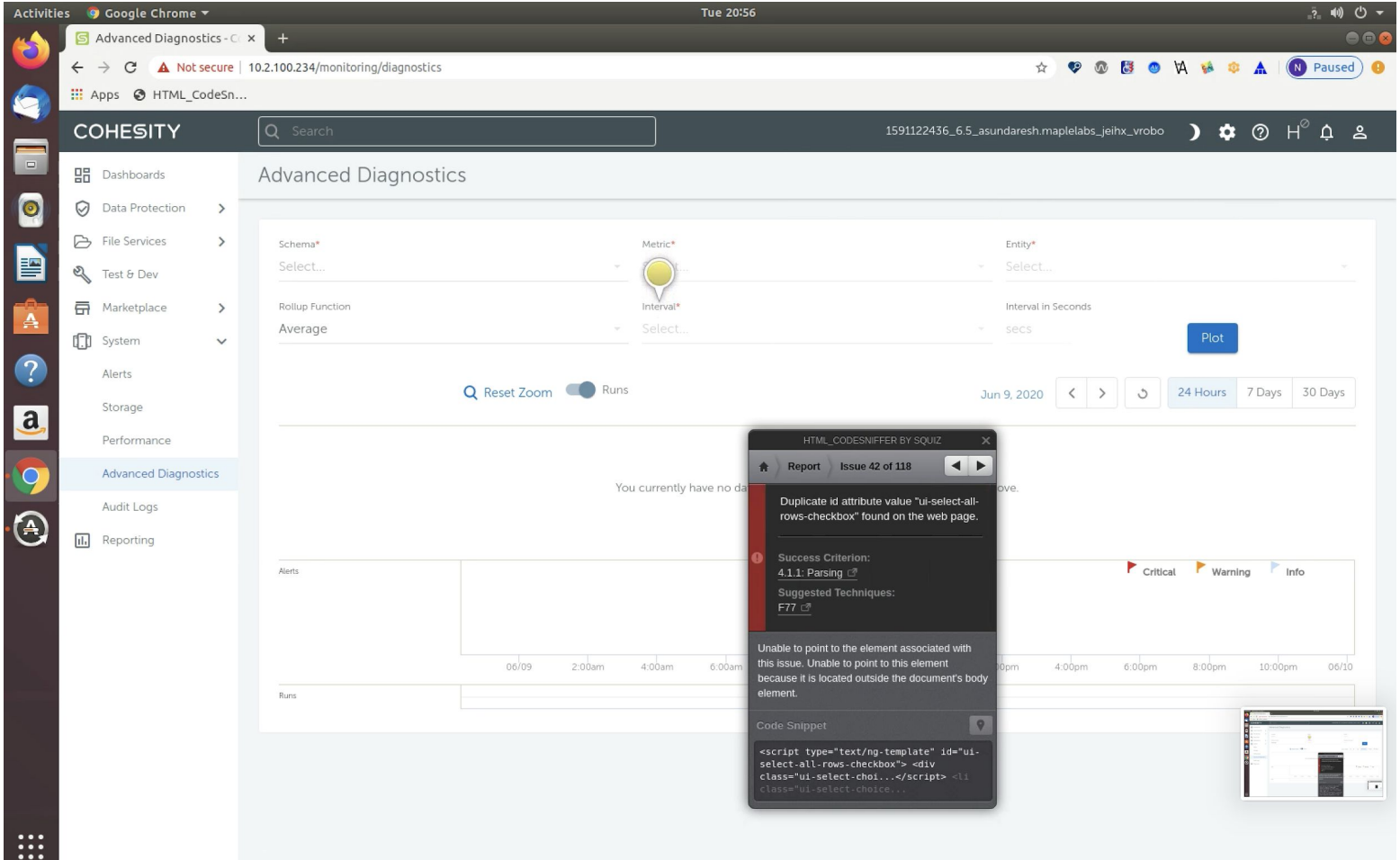
6. Table


Activities
Google Chrome
Thu 21:27
Login - Cohesity Dashboa
All Shares - Cohesity Dash
Not secure | 10.14.25.19/platform/views/shares
Paused
Apps
HTML_CodeSn...
COHESITY
Search
IRIS-Rocks-2
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Views
All Views
All Shares
Global Settings
All Organizations
Share Name
Organization Name
View Name
Share Folder Location
Mount_Storage_Volume_Jun_9_2020_4_03_PM Default Share
Mount_Storage_Volume_Jun_9_2020_4_03_PM
s3-archival Default Share
cohesity_int_70370_35f98 Default Share
testview2 Default Share
testview1 Default Share
Items per page 10
1 - 5 of 5
HTML_CODESNIFFER BY SQUIZ
Report
Issue 12 of 13
If this table is a data table, consider using a caption element to the table element to identify this table.
Success Criterion:
1.3.1: Info and Relationships
Suggested Techniques:
H39
Code Snippet
<table _ngcontent-sau-c29="" class="mat-table" mat-table="" matsort="" role="grid"><thead role="rowgroup"><!----><...</table><mat-paginator _ngcontent-sau-c...

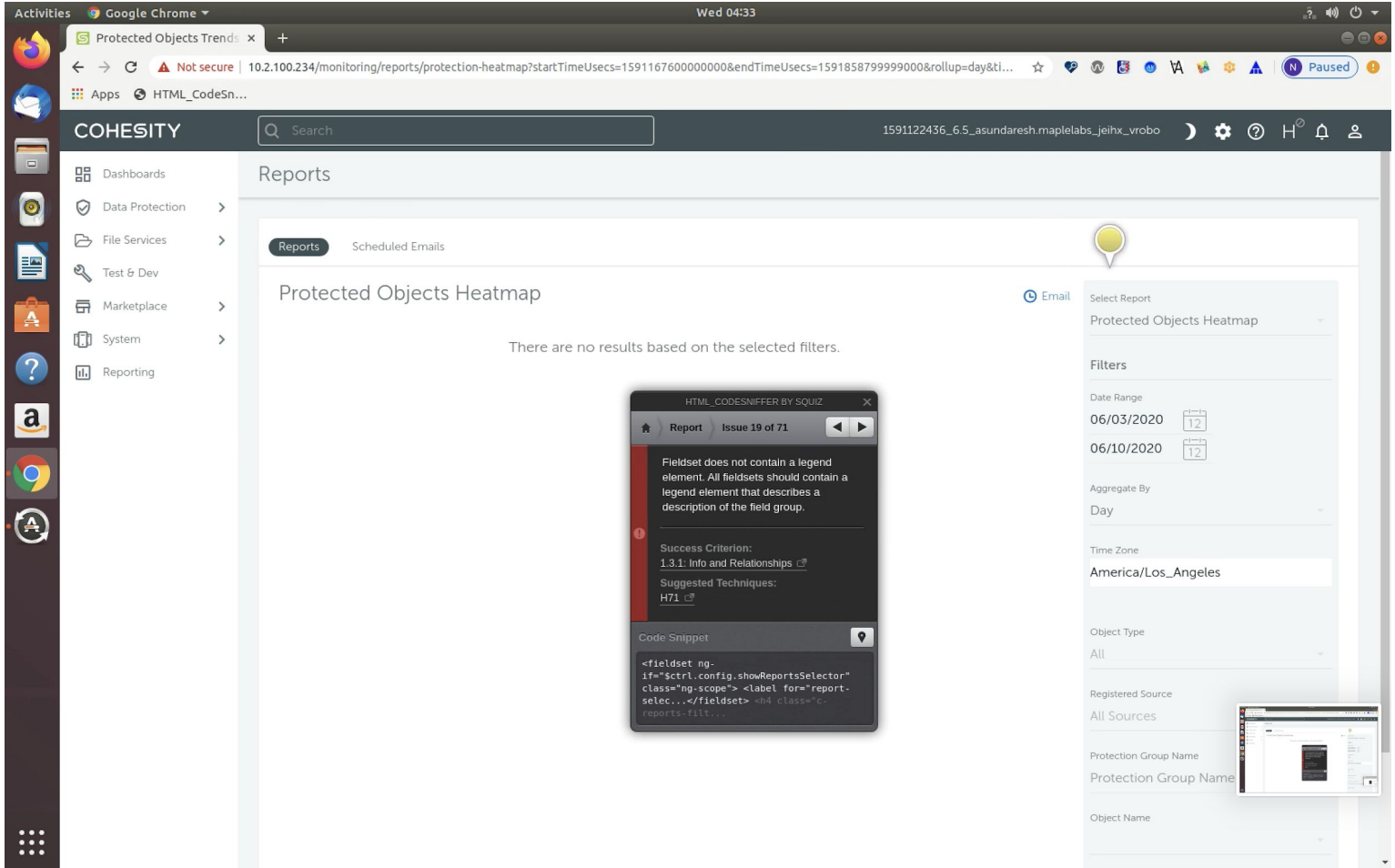
7. Tabs and Calendar



8. Left to Right and Top to Bottom



9. Reports

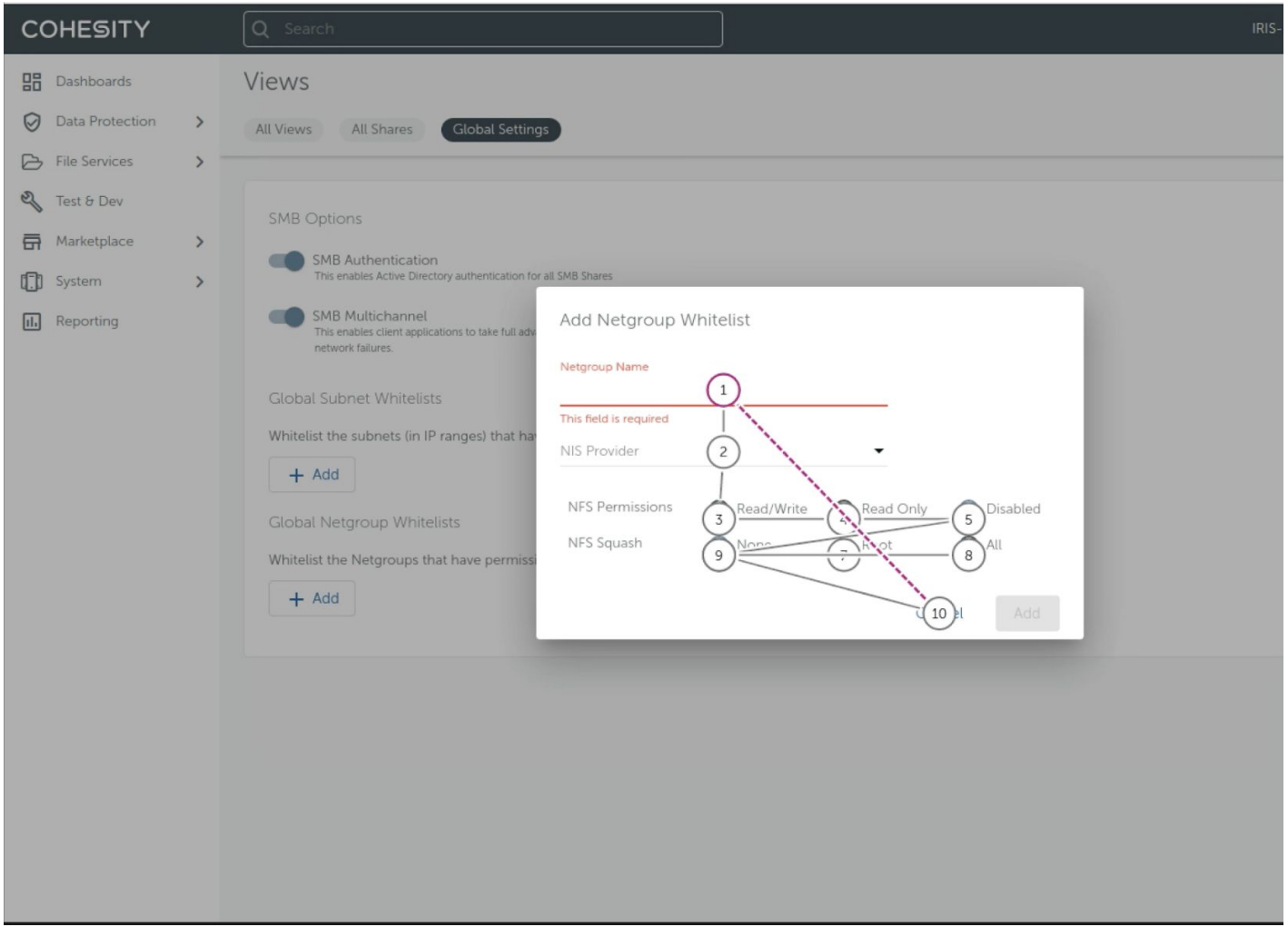

Activities
Google Chrome
Wed 04:33
Protected Objects Trends
Not secure
10.2.100.234/monitoring/reports/protection-heatmap?startTimeUsecs=1591167600000000&endTimeUsecs=1591858799999000&rollup=day&ti...
Paused
Apps
HTML_CodeSn...
COHESITY
Search
1591122436_6.5_asundaresh.maplelabs_jeihx_vrobo
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Reports
Reports
Scheduled Emails
Protected Objects Heatmap
Email
There are no results based on the selected filters.
HTML_CODESNIFFER BY SQUIZ
Report
Issue 19 of 71
Fieldset does not contain a legend element. All fieldsets should contain a legend element that describes a description of the field group.
Success Criterion:
1.3.1: Info and Relationships
Suggested Techniques:
H71
Code Snippet
<fieldset ng-if="$ctrl.config.showReportsSelector" class="ng-scope"> <label for="report-selec...</fieldset>
Select Report
Protected Objects Heatmap
Filters
Date Range
06/03/2020
06/10/2020
Aggregate By
Day
Time Zone
America/Los_Angeles
Object Type
All
Registered Source
All Sources
Protection Group Name
Protection Group Name
Object Name

DO’s

1. Focus visually for every interactive element on the web-page clearly.
2. Prevent keyboard traps that receives input focus.
3. Keep the tab order consistent across all the web pages.

DONT’s

1. Do not make Non - interactive element focusable
2. Avoid tab accessible outside the modal window/ dialog box.
3. Avoid input focus which are disabled.
4. Do not define the tab index in un-stated order.



Comments

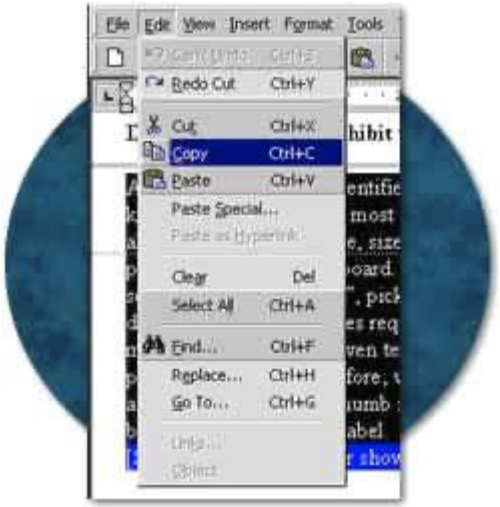
1. Interacting the elements on the web page
2. Logical Navigation
3. Screen Readers too.

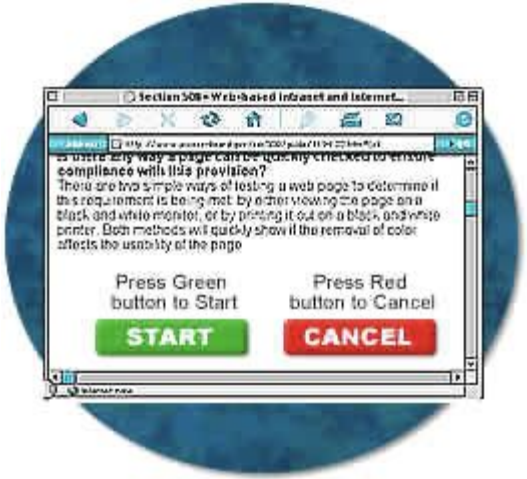
Section 508 Standards

Source

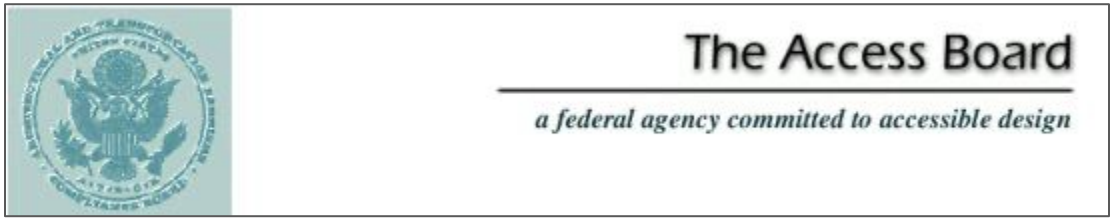
https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-section-508-standards

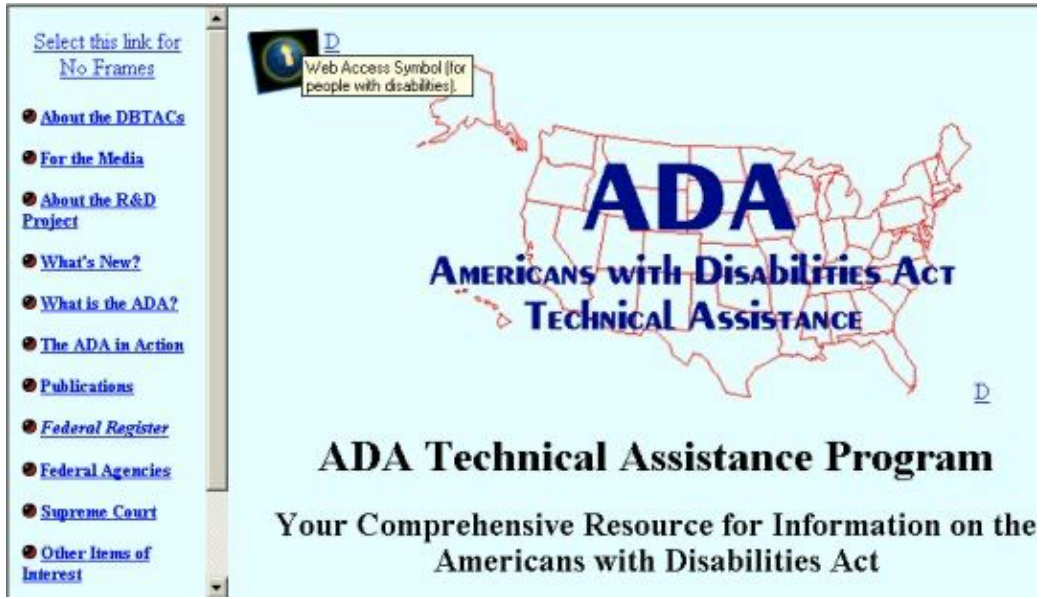
1. Software Applications and Operating Systems (1194.21)





Web-based Intranet and Internet Information and Applications (1194.22)





Telecommunications Products (1194.23)

Video and Multimedia Products (1194.24)

Self Contained, Closed Products

Desktop and Portable Computers

Accessible Telecommunications Product Design Tutorial

Developing Accessible Software Tutorial

VPAT Accessibility

Source

https://drive.google.com/file/d/1jT34mx3xJoIOlTu3xNSFI_qF_-RnPenI/view?usp=sharing

Weekly Progress

Week - 7
29 June ’20 - 03 July ‘20

Actual timeline - Jul 17 (2 weeks to go)

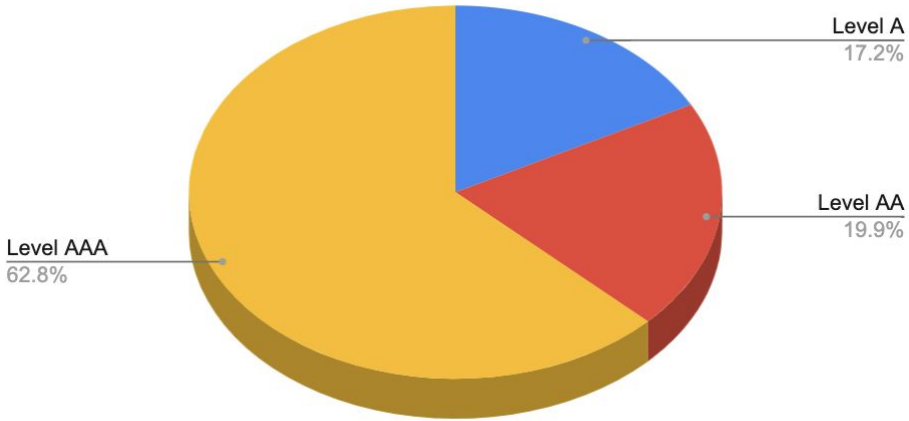
Screens status

Number of screens analysed = **25**

(this week)

Total of Number of screens= **73** (out of 85 pages)

(till now)



Screens List

Navigation	-	-	-
	Helios		
	Search		
	Settings	Remote Clusters	
		Cluster Details	
		Edit Cluster	
Dashboard	-	-	
	Cloud		
	Data Protection		
	File Services		
	MS Sql		
Data Protection	Protection		
		Details Runs	
		Details Audit Trails	
		Details Settings	
		Details Settings Deactive	
		Details Settings Run	
		Details_More Details	
	Recoveries	-	
		Instant Mount Volume_Details	
		Instant Mount Volume_Details_Change Recover Point	
		Instant Mount Volume_Search	
		Virtual Disk_Recover	
	Run Books	New Run Books Step1	
		New Run Books Step2	
	Sources	Register Hypervisor	
		Details_Settings	
		Download COhesity Agent	
		Register Office 365 Sources	
		Virtual Server	Virtual Server_VM
			Virtual Server_Add Object
			Virtual Server_New Protection
		View	Select Views
			Step 2
	Policy	Create Policy	More Options
			Basic
			Summary
			Details

	Cloud Retrieve		
		Details	
		Search	
File Services	Views	-	
		All Summary	
		Global Settings	
	Data Migration		
	Anti Virus		
	S3.5 External NAS Tiering		
Test and Dev	-	-	
	Clone	Vm Clone	
		VM	
		View - Clone view	
		View	
		Database	
System	Alerts	Alerts Summary	
		Analytics	
		Resolution Summary	
		Settings	
	Storage	Cluster	
		Storage Domains	
		Consumers	
	Performance	Cluster	
		Storage Domain	
		Nodes	
	Health	Components	
	Audit Logs	File Services	
		Log Settings	
		Advanced Diagnoatics	
		Audit Logs	
Reporting	Reports		
	Scheduled Emails		
Market Place	My Apps		
	Workbench		

Current Week Focus

29th June to 3rd July (Week 7)

We focused on completing maximum number of screens

25 Screens

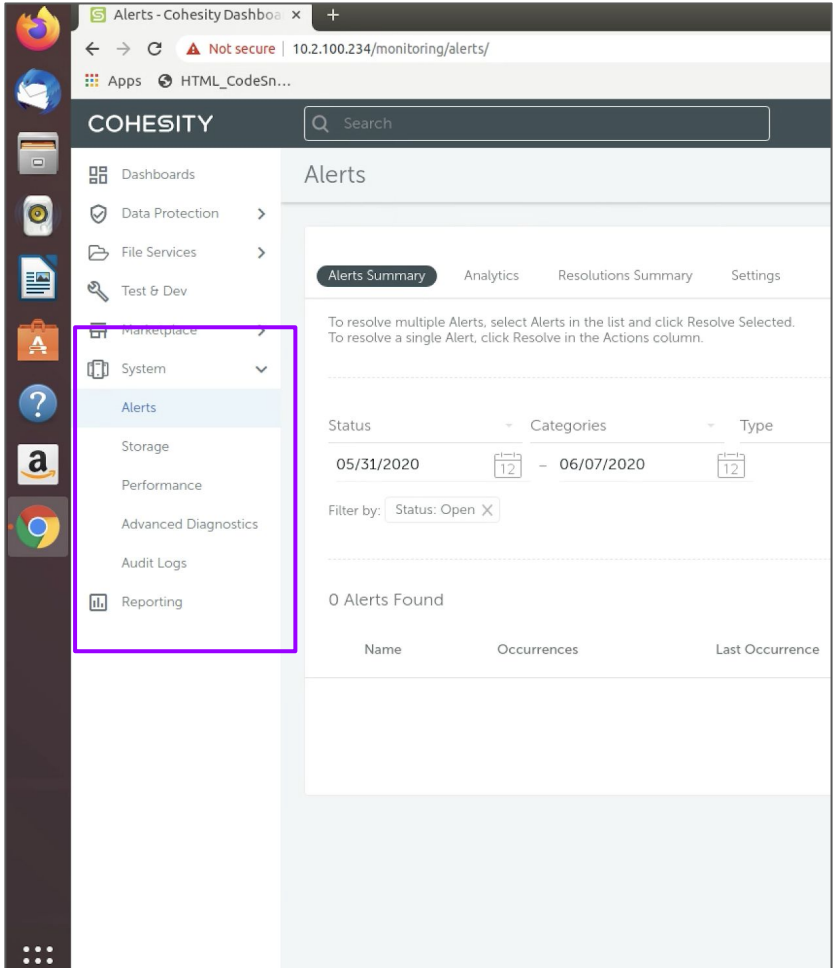
Following Weeks Focus

6th July to 10th July (Week 8) **&** 13th July to 17th July (Week 9)

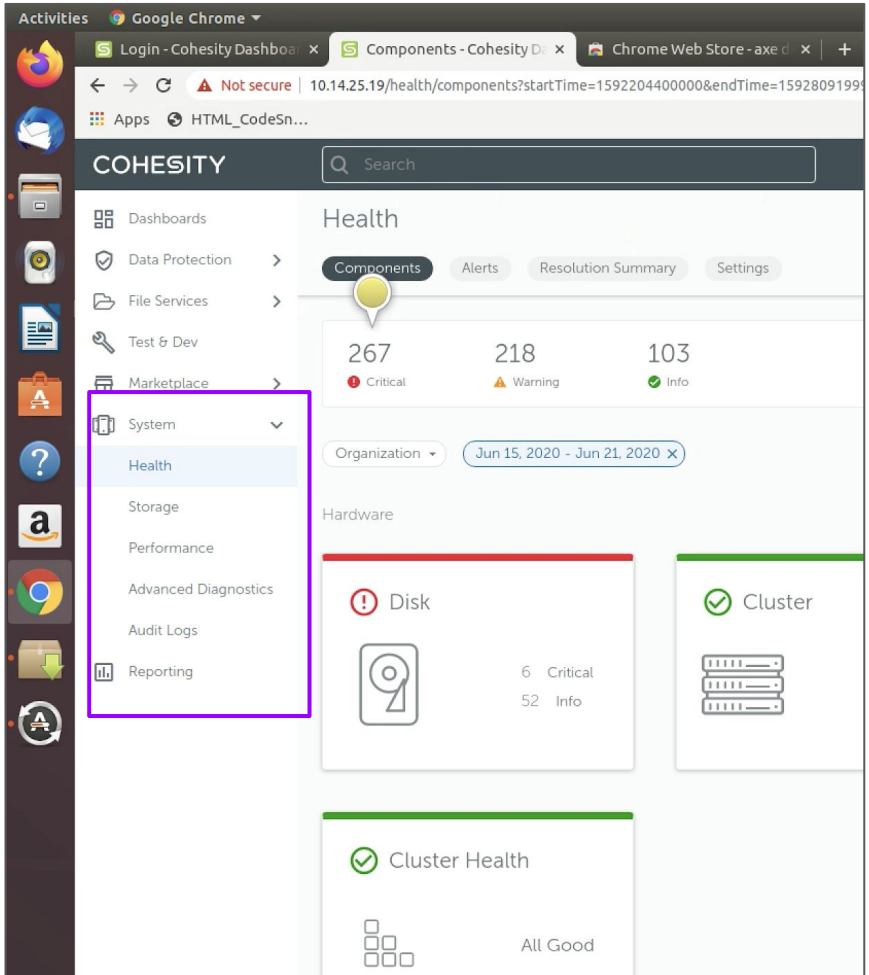
- Testing 10/12 screens (Planned)
- Identify more screens as need be and then perform testing.
- Tab stop (WIP, to be completed)
- Dark theme - Colour Contrast testing (to be started)
- Landmarks (to be started)
- Headings (H1, H2, H3, H4) (to be started)
- Keyboard traps (to be started)
- A11Y Analytics Report (WCAG Automated Tests + Manual Tests)
- VPAT Report

Questions

Screen A



Screen B



Weekly Progress

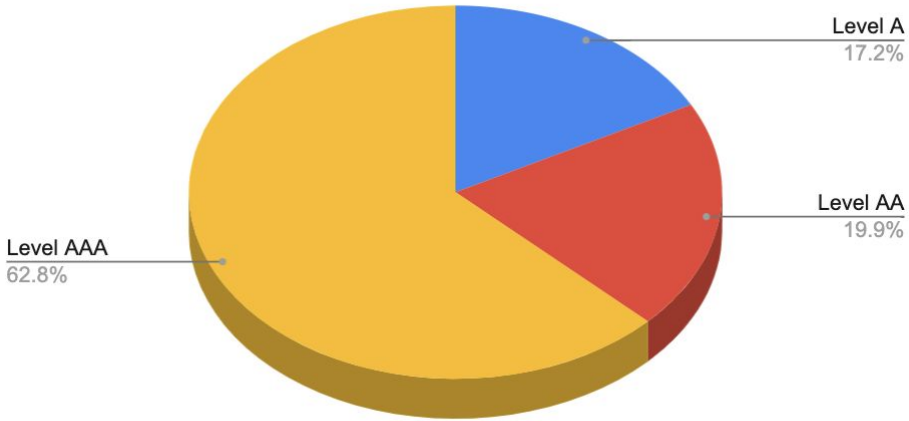
Week - 8
06 Jul’ 20 - 10 Jul‘ 20

Actual timeline - Jul 17 (1 weeks to go)

Screens status

Number of screens analysed = **19**
(this week)

Total of Number of screens= **92**
(Initially estimated as of 85 pages)



Screens List

Module Name	Sub - Module	Sub - Module	Feature
Login	-	-	-
Navigation	-	-	-
	Helios		
	Search		
	Settings	Remote Clusters	
		Cluster Details	
		Edit Cluster	
Dashboard	-	-	
	Cloud		
	Data Protection		
	File Services		
	MS Sql		
Data Protection	Protection		
		Details Runs	
		Details Audit Trails	
		Details Settings	
		Details Settings Deactive	
		Details Settings Run	
		Details_More Details	
		New Protection_Amazon RDS	
		Virtual Server	Virtual Server_VM
			Virtual Server_Add Object
			Virtual Server_New Protection
		View	Select Views
			Step 2
	Recoveries	-	
		Instant Mount Volume_Details	
		Instant Mount Volume_Details_Change Recover Point	
		Instant Mount Volume_Search	
		Virtual Disk_Recover	
	Run Books	New Run Books Step1	
		New Run Books Step2	
	Sources	Register Hypervisor	
		Details_Settings	
		Download COhesity Agent	
		Register Office 365 Sources	
	Policy	Create Policy	More Options
			Basic
			Summary
			Details
	Cloud Retrieve		
		Details	
		Search	
File Services	Views	-	
		All Summary	
		Global Settings	
		Create View	
	Share	-	
		Details	
	Data Migration	-	
		New Data Migration Job	
	Anti Virus		
	S3.5 External NAS Tiering		
Test and Dev	-	-	
	Clone	Vm Clone	
		VM	
		View - Clone view	
		View	
		Database	
		Database - Change Clone Point	
	Alerts	Alerts Summary	
		Analytics	
		Resolution Summary	
		Settings	-
			Add Alert Notification Rule
		Resolve Alerts_Existing	
		Resolve Alerts_New	
	Storage	Cluster	

Screens List

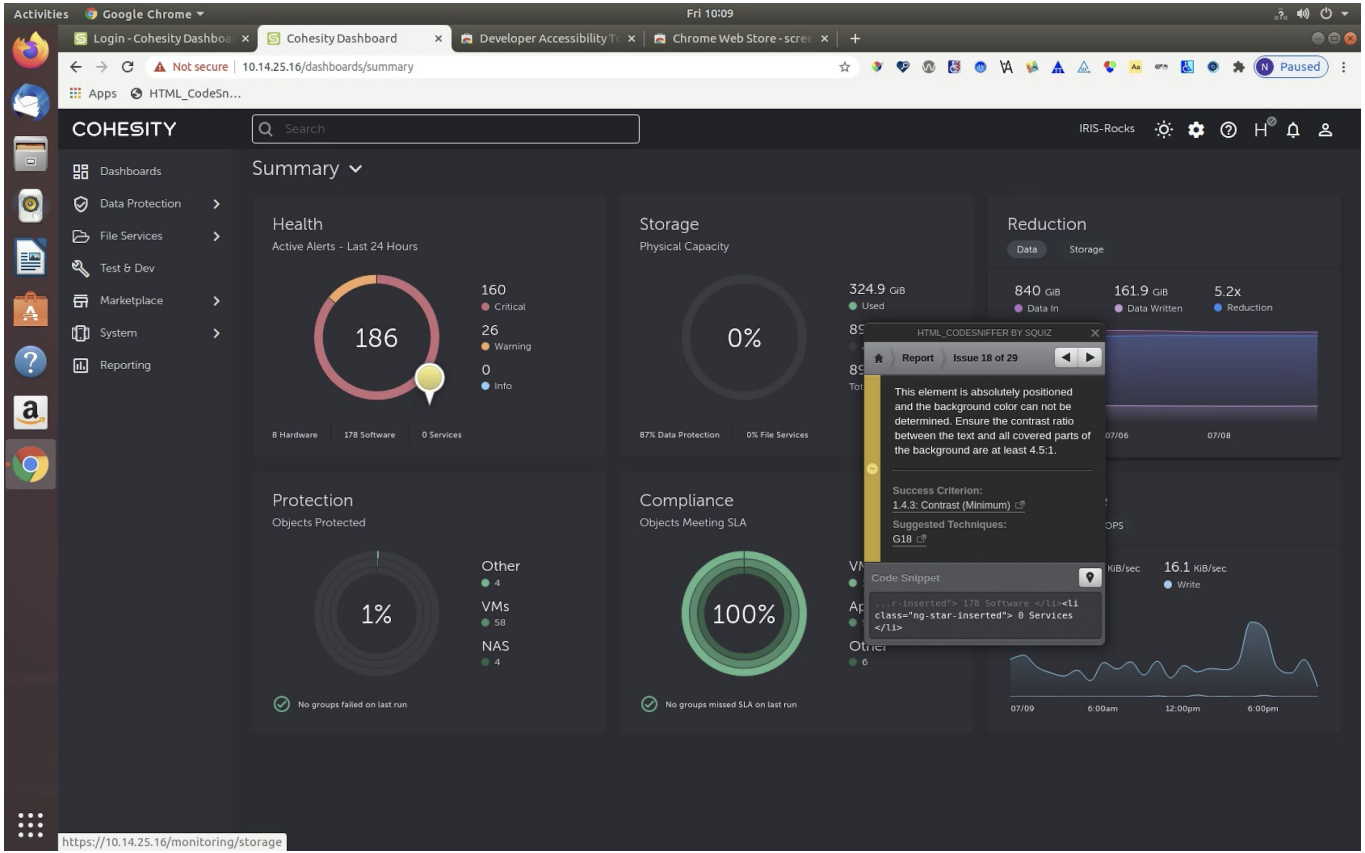
System		Storage Domains	
		Consumers	
	Performance	Cluster	
		Storage Domain	
		Nodes	
	Health	Components	
	Audit Logs	File Services	
		Log Settings	
		Advanced Diagnoatics	
		Audit Logs	
		Edit Settings	
Reporting	Reports		
	Scheduled Emails		
	Email Report		
Market Place	My Apps	-	
		App Settings	
	Workbench	-	
		Create App	
			Add Paremeter
			Create New Mapper - Step1
			Create New Mapper - Step2
			Create New Reducer - Step1
			Create New Reducer - Step2
User Settings	-	-	-

Week 9 Focus

13th July to 17th July

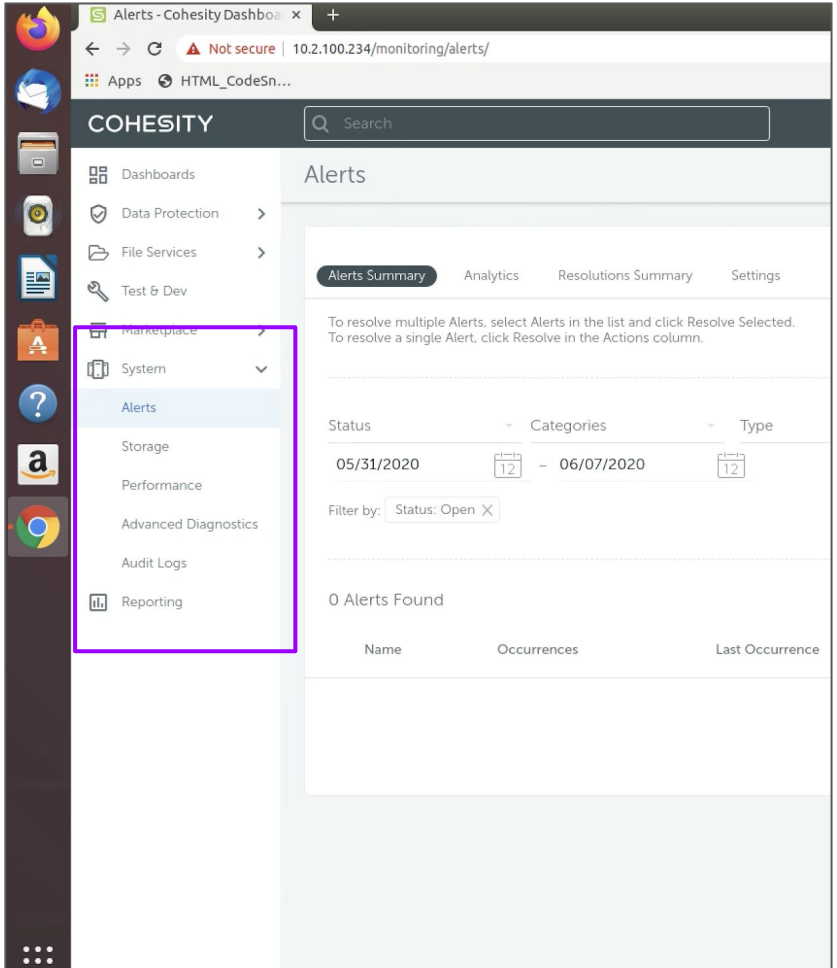
- Tab stop (WIP, to be completed)
- Dark theme - Colour Contrast testing (WIP)
- Landmarks (to be started)
- Headings (H1, H2, H3, H4) (to be started)
- Keyboard traps (to be started)
- A11Y Analytics Report (WCAG Automated Tests + Manual Tests)
- VPAT Report

Dark theme -

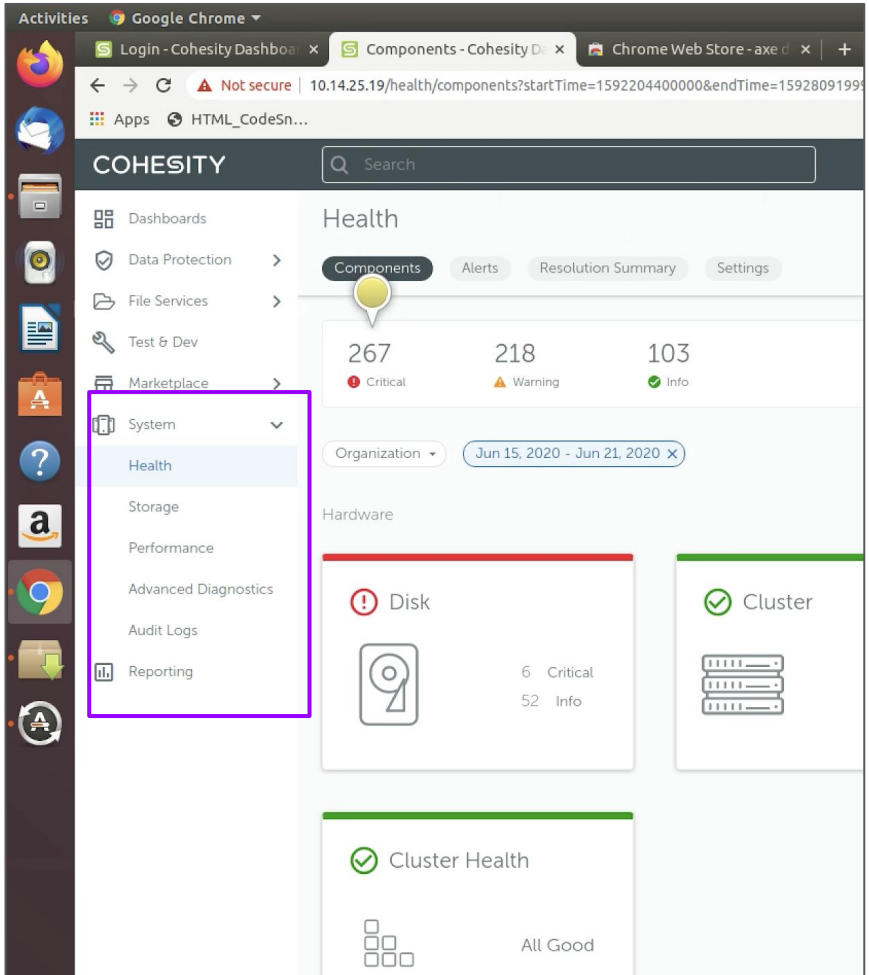

Activities
Google Chrome
Fri 10:09
Login - Cohesity Dashboa
Cohesity Dashboard
Developer Accessibility T
Chrome Web Store - scree
Not secure | 10.14.25.16/dashboards/summary
Paused
Apps
HTML_CodeSn...
COHESITY
Search
IRIS-Rocks
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Summary
Health
Active Alerts - Last 24 Hours
186
160 Critical
26 Warning
0 Info
8 Hardware
178 Software
0 Services
Storage
Physical Capacity
0%
324.9 GiB Used
87% Data Protection
0% File Services
Reduction
Data
Storage
840 GiB Data In
161.9 GiB Data Written
5.2x Reduction
07/06
07/08
HTML_CODESNIFFER BY SQUIZ
Report
Issue 18 of 29
This element is absolutely positioned and the background color can not be determined. Ensure the contrast ratio between the text and all covered parts of the background are at least 4.5:1.
Success Criterion:
1.4.3: Contrast (Minimum)
Suggested Techniques:
G18
Code Snippet
<li class="ng-star-inserted">178 Software
<li class="ng-star-inserted">0 Services
Protection
Objects Protected
1%
Other 4
VMs 58
NAS 4
No groups failed on last run
Compliance
Objects Meeting SLA
100%
No groups missed SLA on last run
16.1 KiB/sec Write
07/09
6:00am
12:00pm
6:00pm
https://10.14.25.16/monitoring/storage

Questions

Screen A



Screen B

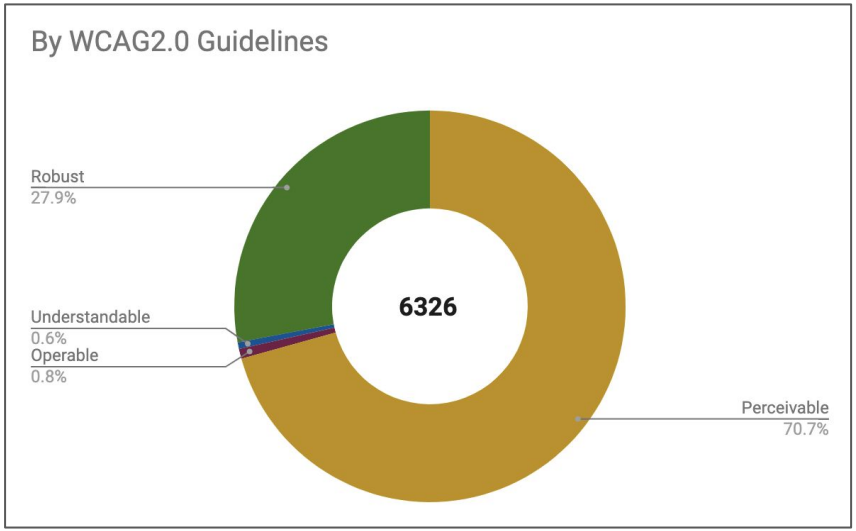


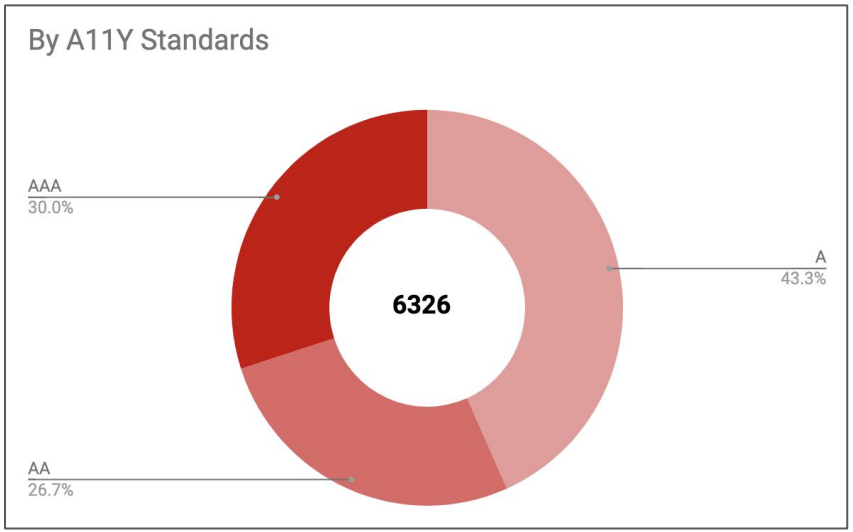
Weekly Progress

Week - 9
13 Jul’ 20 - 17 Jul‘ 20

Screens status

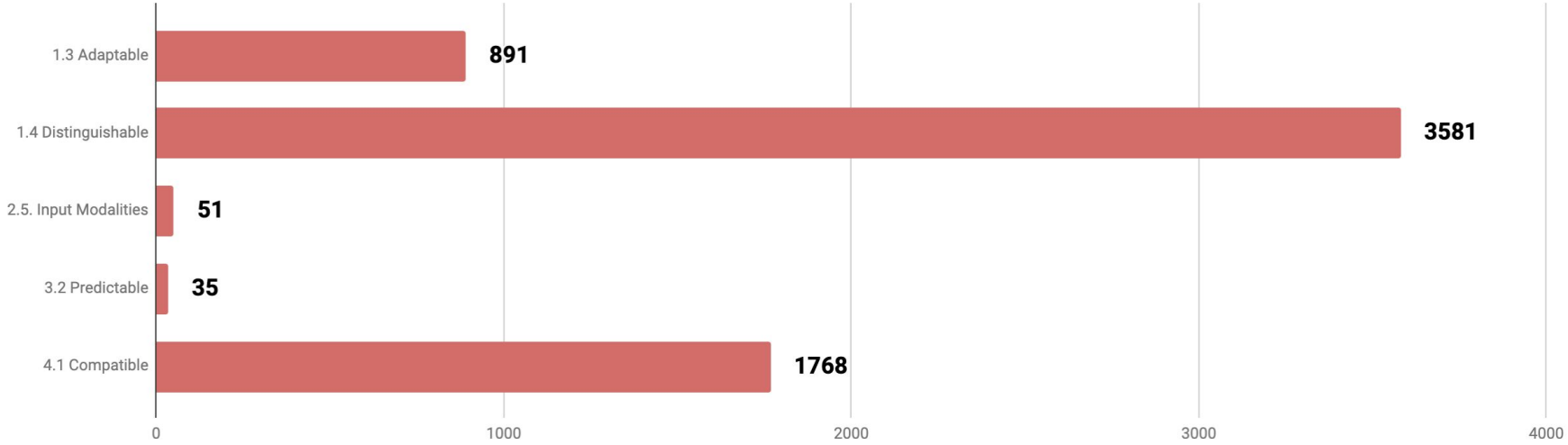
Total of Number of screens= **95** (initially estimated as of 85 pages)





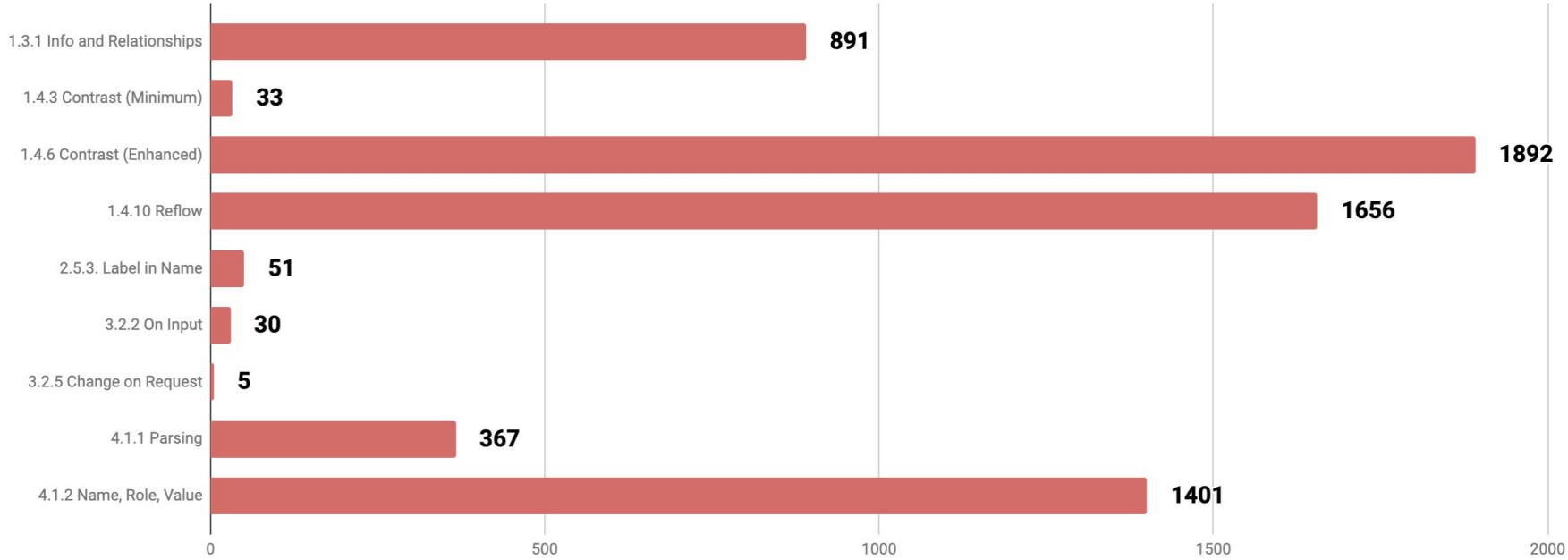
By Checklist Group

Total: 6326



By Checklist

Total: 6326



Overall Analytics

Total Number of Issues - **6329**

1008	1706	3615
Level A	Level AA	Level AAA

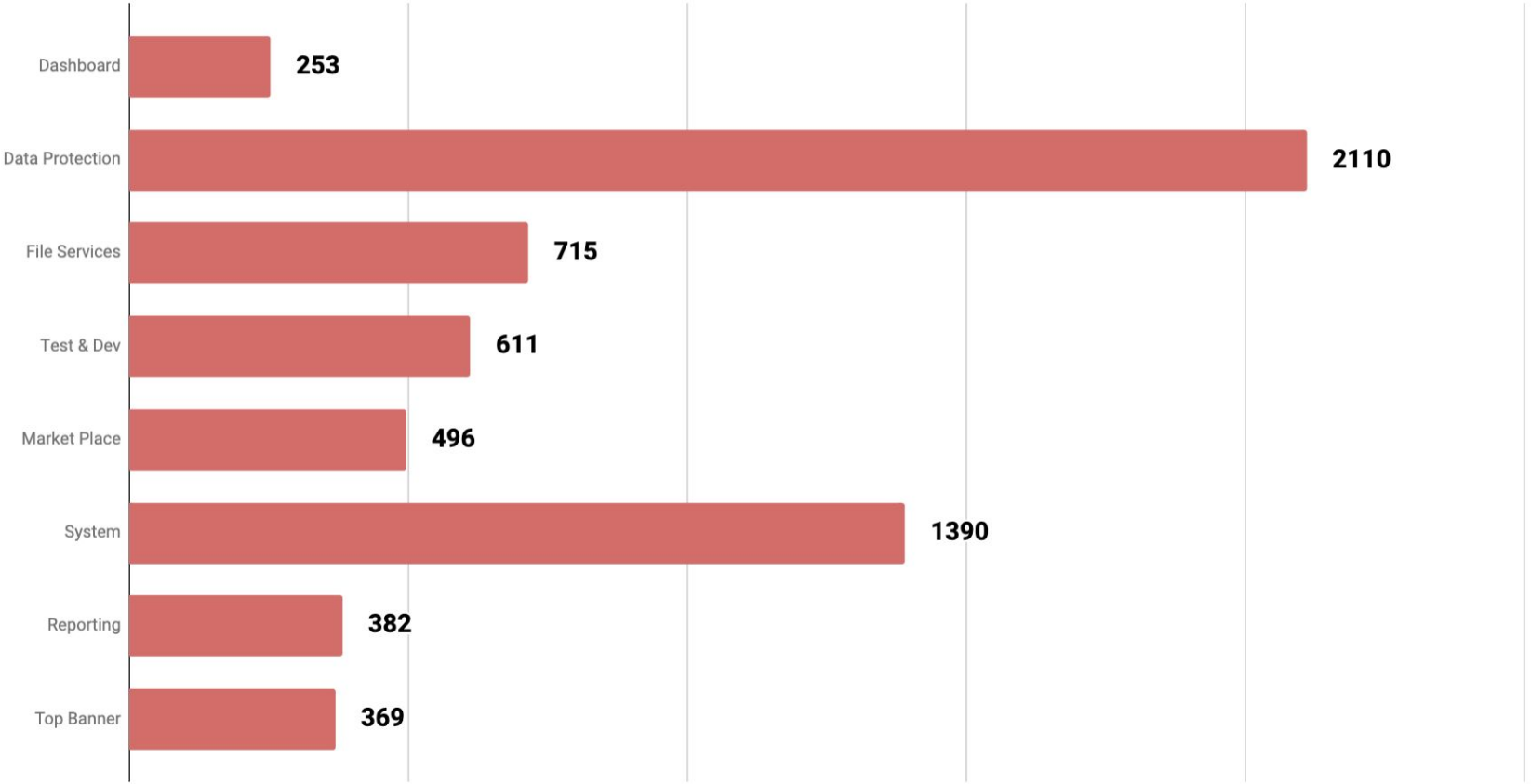
50	95	4750
Avg No. Of UI Elements Per Page	No. Of Pages	Total No. Of UI Elements

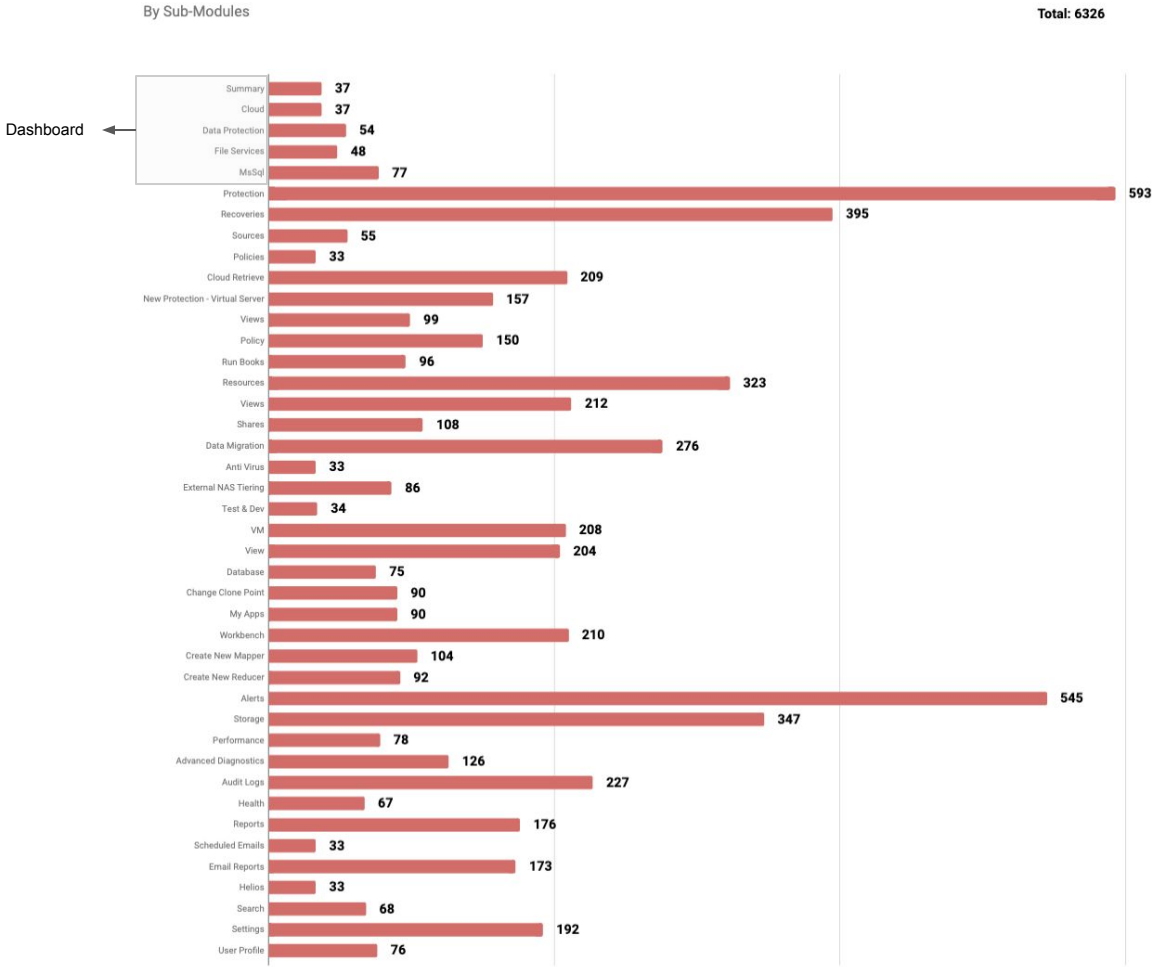
Iris 6.5 - A11Y Compliance Scores

79%	64%	24%
Level A	Level AA	Level AAA

By Modules

Total: 6326




By Sub-Modules
Total: 6326
Dashboard
Summary 37
Cloud 37
Data Protection 54
File Services 48
MsSql 77
Protection 593
Recoveries 395
Sources 55
Policies 33
Cloud Retrieve 209
New Protection - Virtual Server 157
Views 99
Policy 150
Run Books 96
Resources 323
Views 212
Shares 108
Data Migration 276
Anti Virus 33
External NAS Tiering 86
Test & Dev 34
VM 208
View 204
Database 75
Change Clone Point 90
My Apps 90
Workbench 210
Create New Mapper 104
Create New Reducer 92
Alerts 545
Storage 347
Performance 78
Advanced Diagnostics 126
Audit Logs 227
Health 67
Reports 176
Scheduled Emails 33
Email Reports 173
Helios 33
Search 68
Settings 192
User Profile 76

Week 10 Focus

20th July to 24th July

- Tab stop (25% completed)
- **Landmarks (75% completed)**
- **Headings (H1, H2, H3, H4) (WIP)**
- Visual ARIAs Testing (to be started)
- Alt Text Testing (to be started)
- Keyboard traps (to be started)
- High Color Contrast Theme (to be started)
- Guidelines Documentation for all of the above (to be started)
- VPAT Report (to be started)

July 20-24
Landmarks
Headings
Visual ARIAs Testing

July 27-31
Alt Text Testing

- Keyboard traps

Tab stop
August 3-7
High Color Contrast Theme
Guidelines Documentation for all of the above

August 10-14
1. VPAT Report

Weekly Progress

Week - 9
13 Jul’ 20 - 17 Jul‘ 20

VPAT - Document

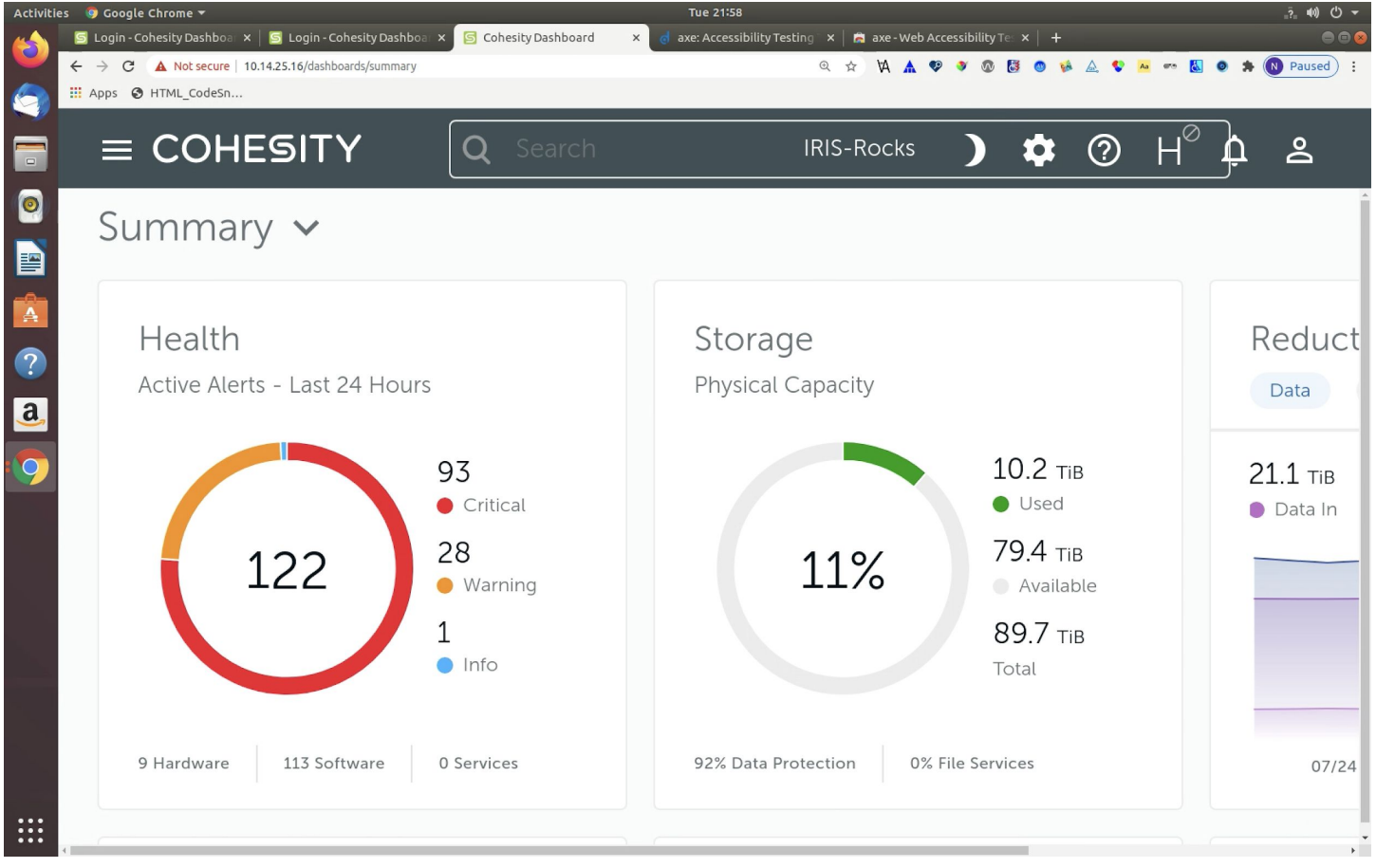
VPAT - Document

Section 1194.21 Software Applications and Operating Systems

(Issues)

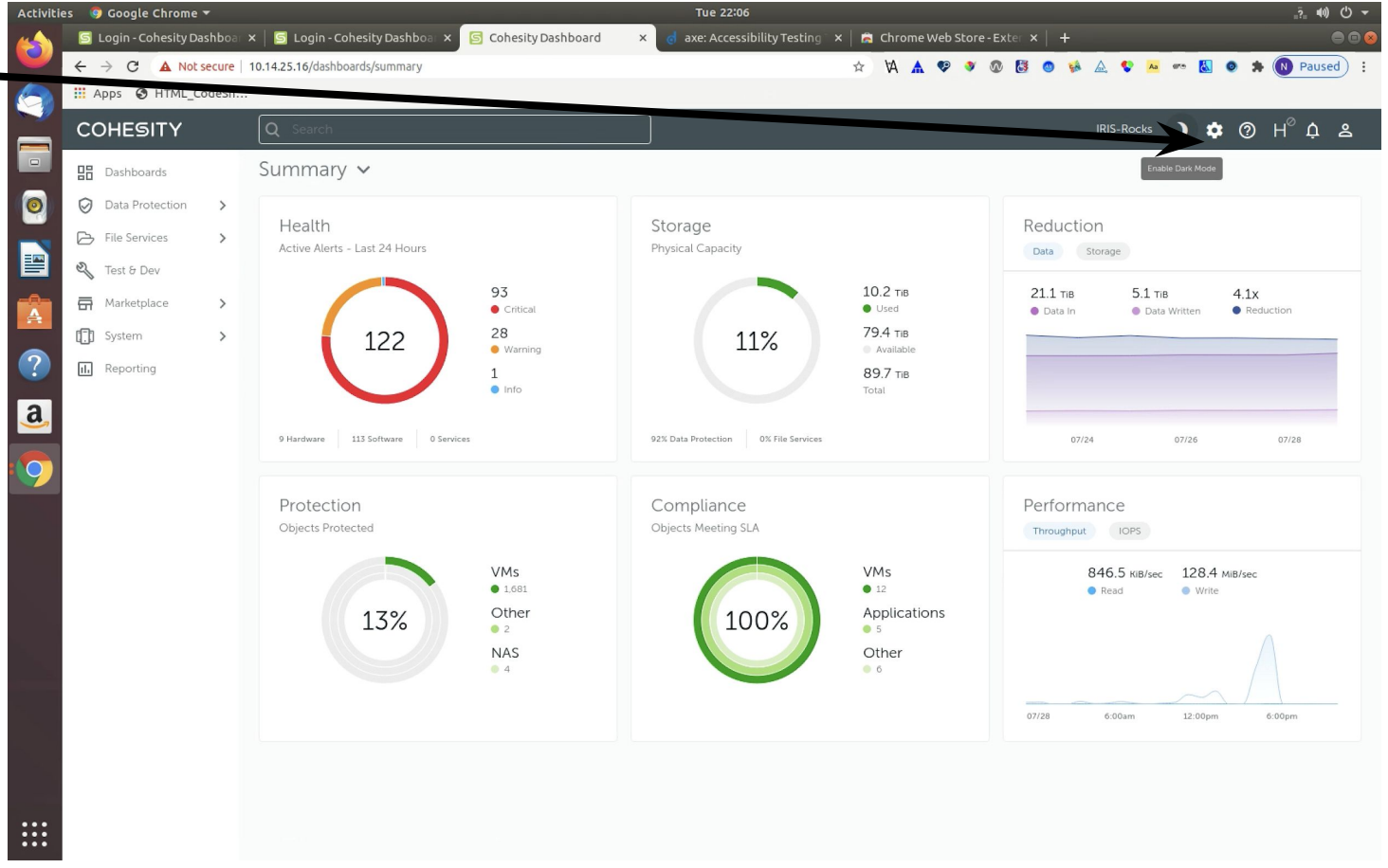
Criteria

(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.



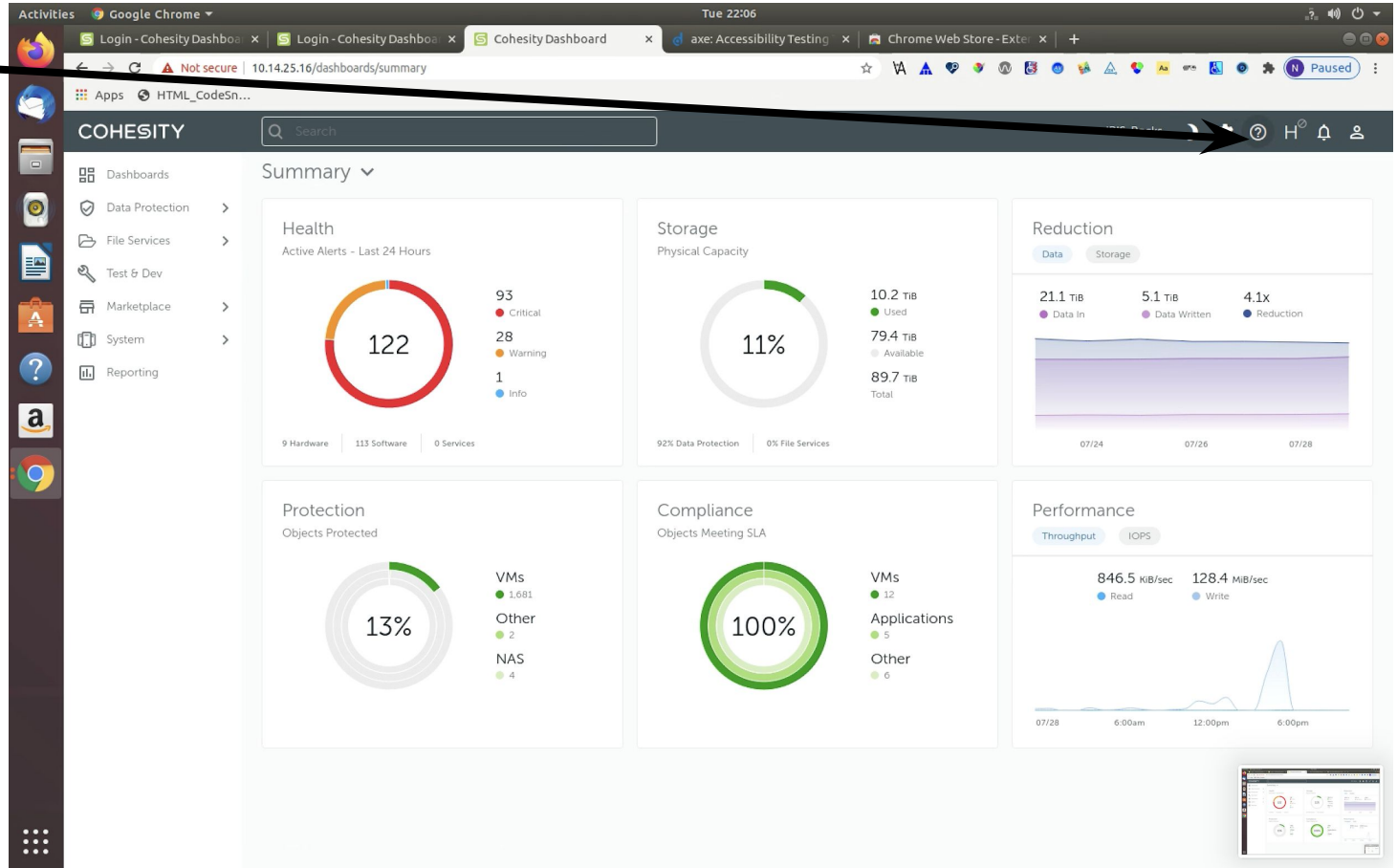
Focus - Keyboard accessibility

(b) Keyboard focus is not visible, though has tooltip



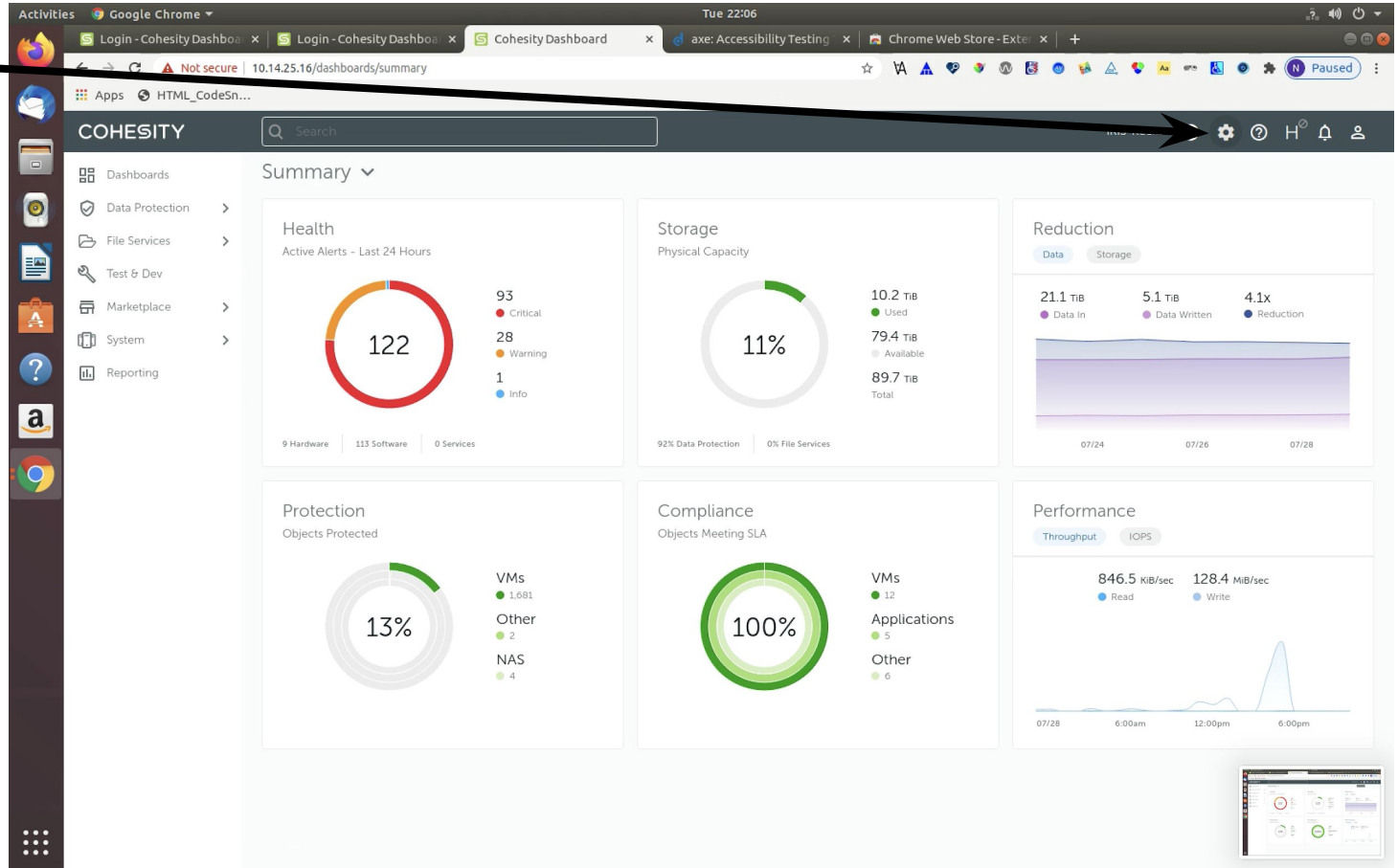
Focus - Keyboard accessibility

(b) Inconsistent - Keyboard focus is not visible, though has tooltip



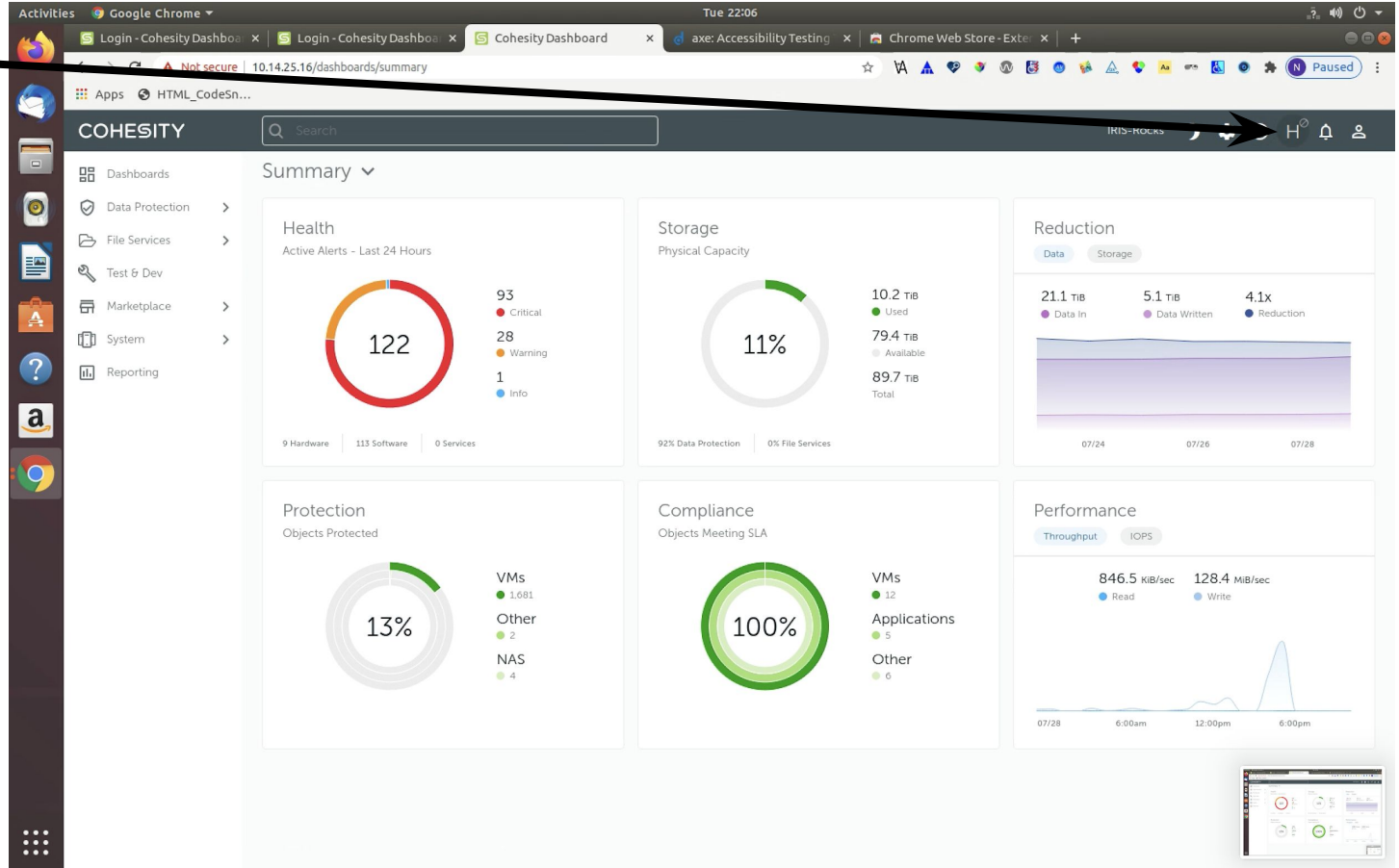
Focus - Keyboard accessibility

(b) Inconsistent - Keyboard focus is not visible, though has tooltip



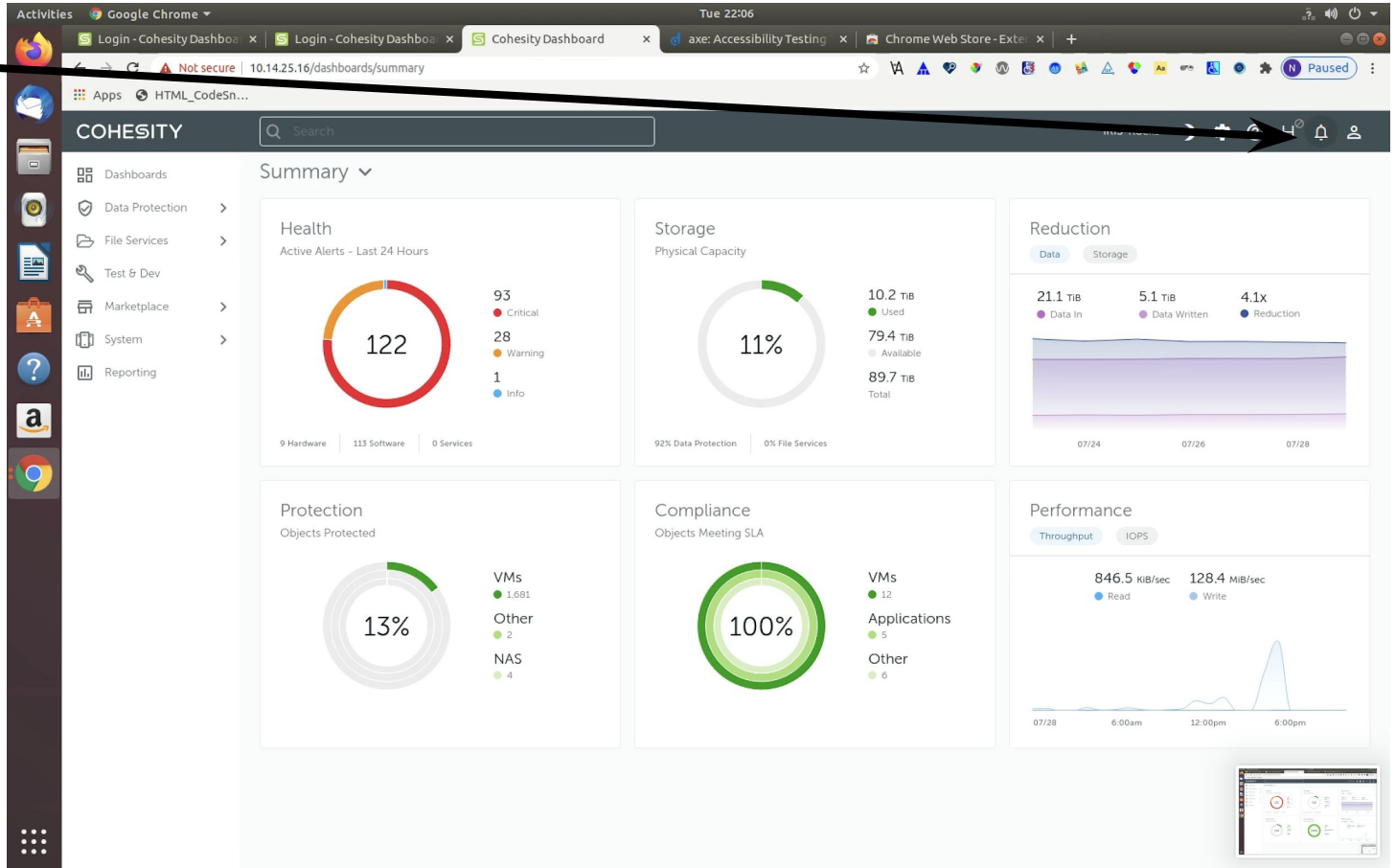
Focus - Keyboard accessibility

(b) Inconsistent - Keyboard focus is not visible, though has tooltip



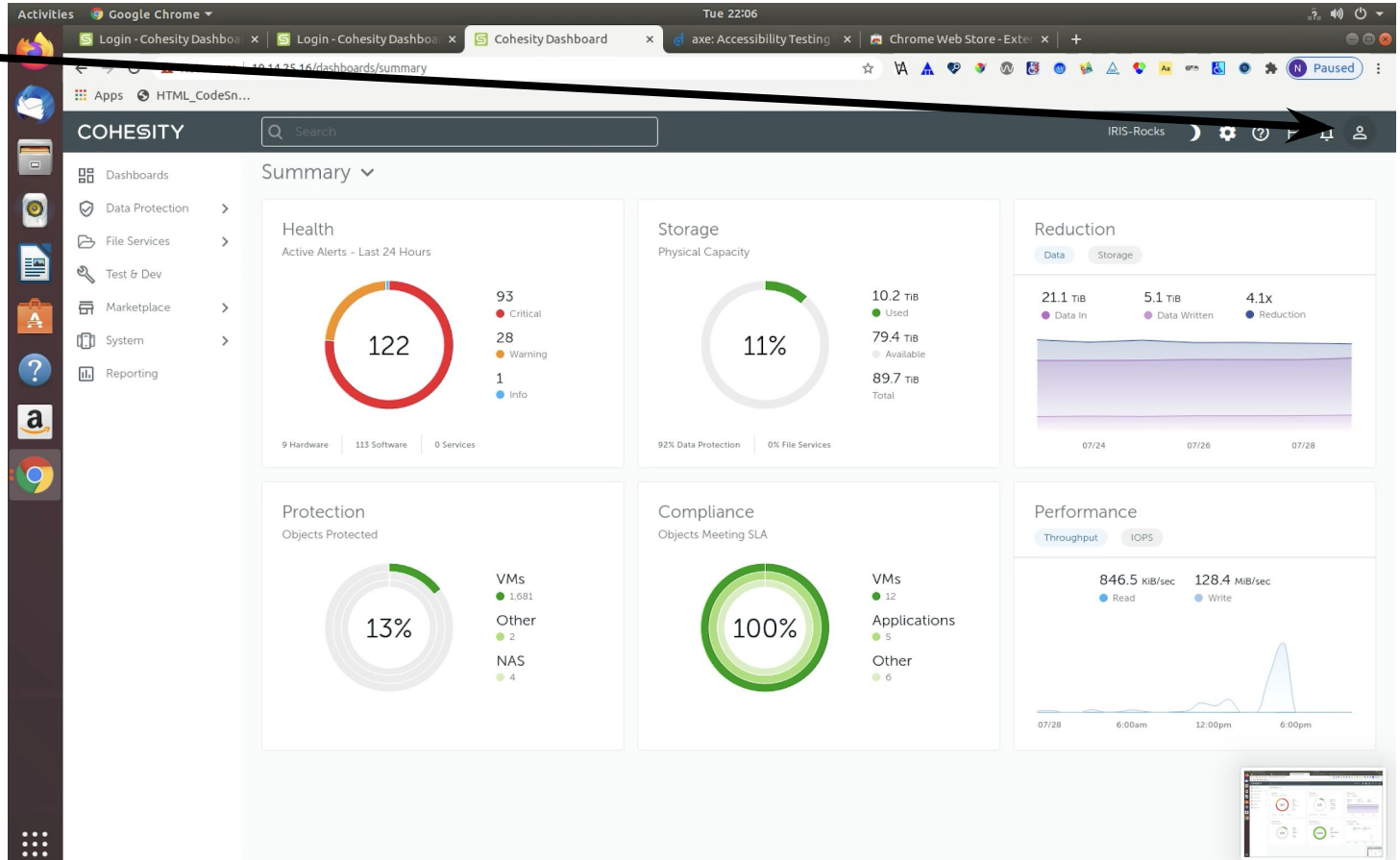
Focus - Keyboard accessibility

(b) Inconsistent - Keyboard focus is not visible, though has tooltip



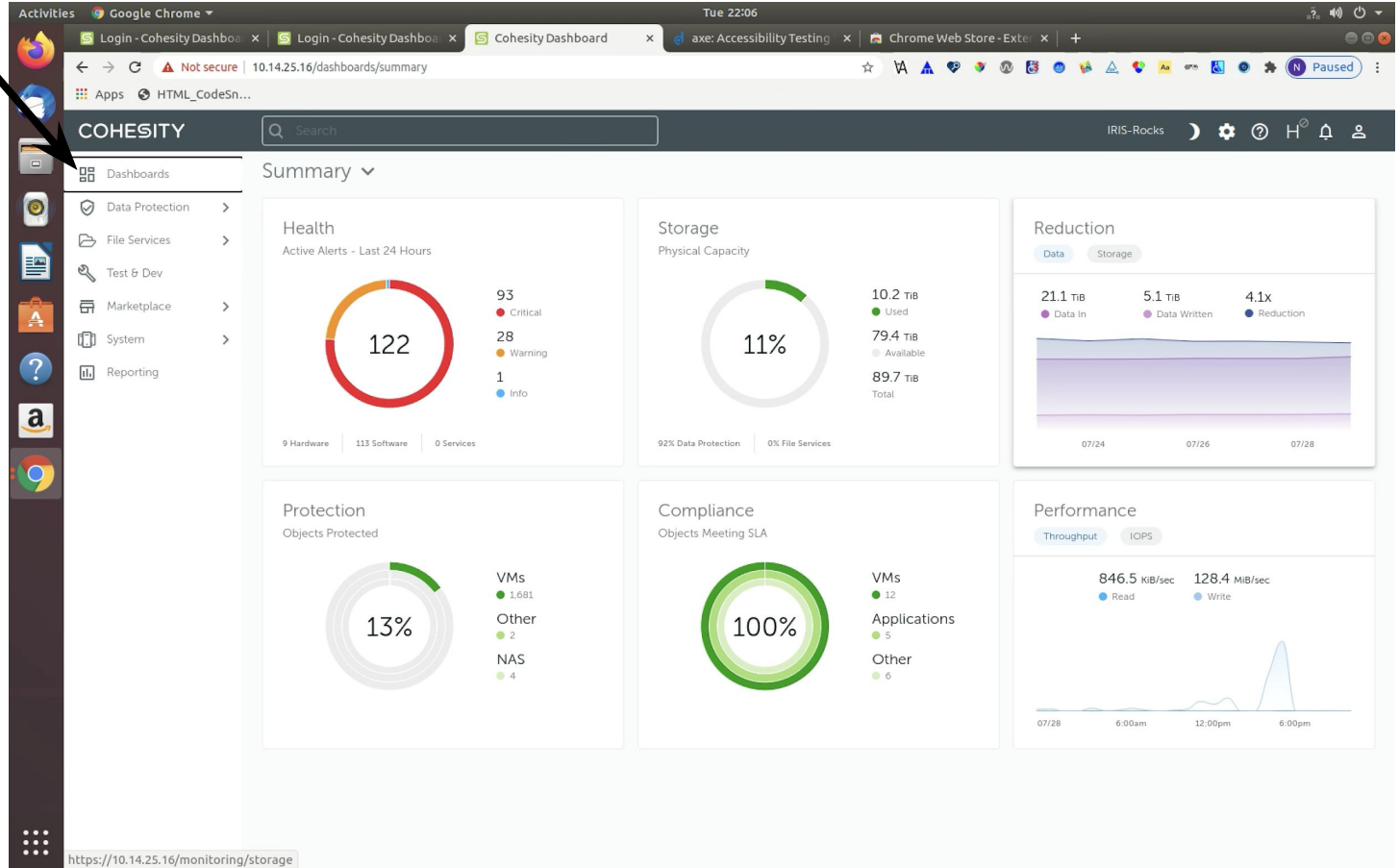
Focus - Keyboard accessibility

(b) Inconsistent - Keyboard focus is not visible, though has tooltip



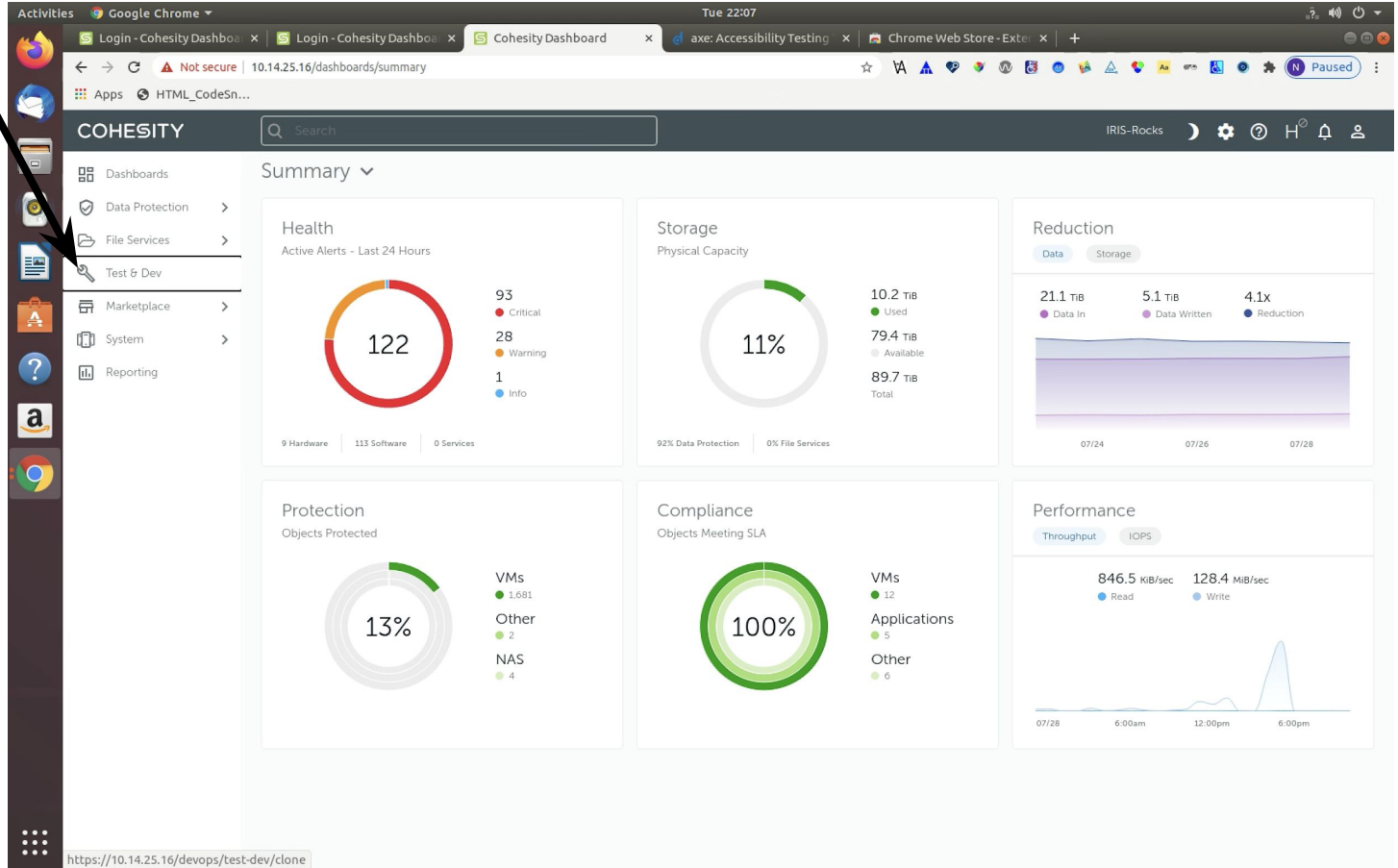
Tab Order

(b) Tab order hierarchy is not defined correctly



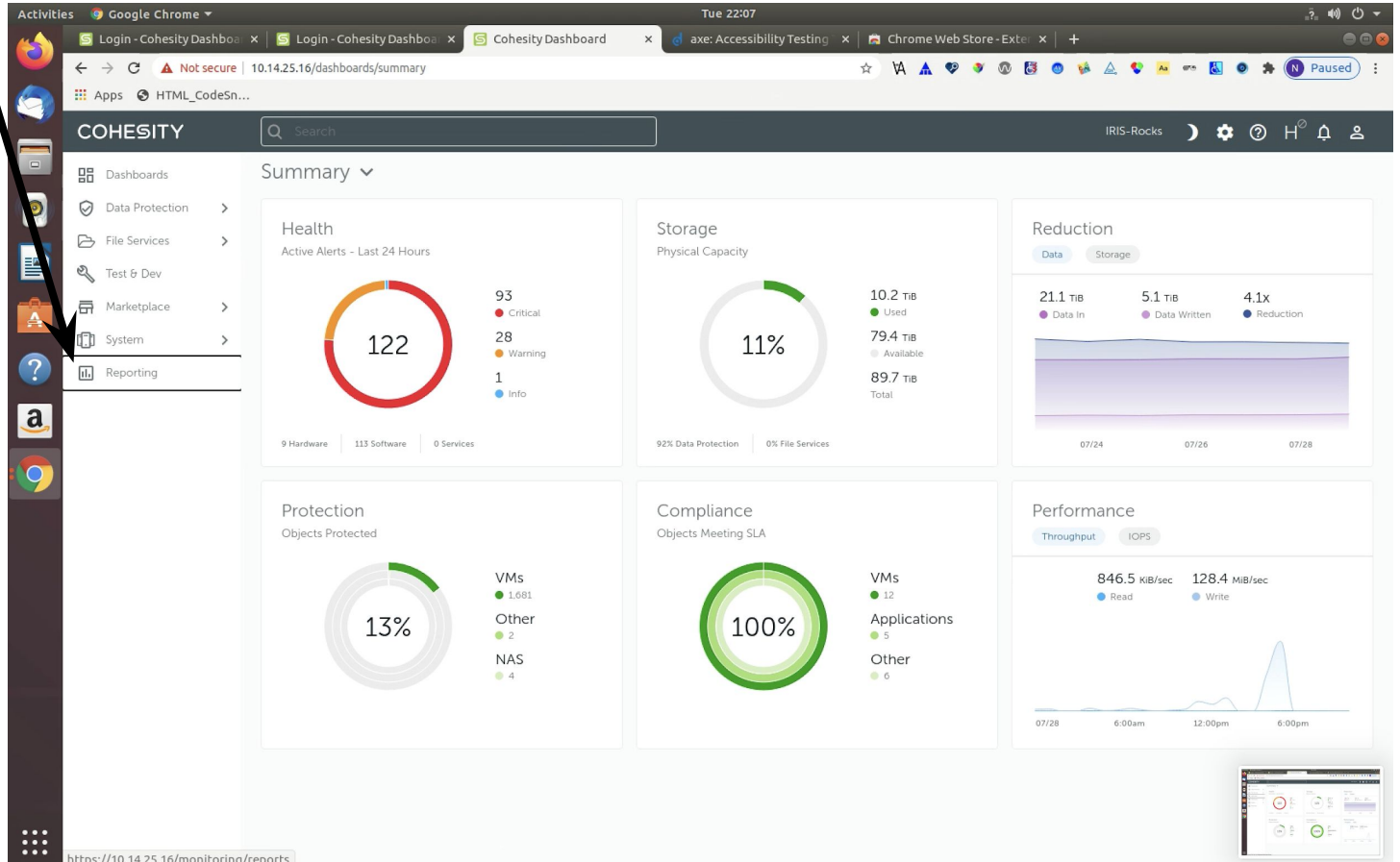
Tab Order

(b) Tab order hierarchy is not defined correctly



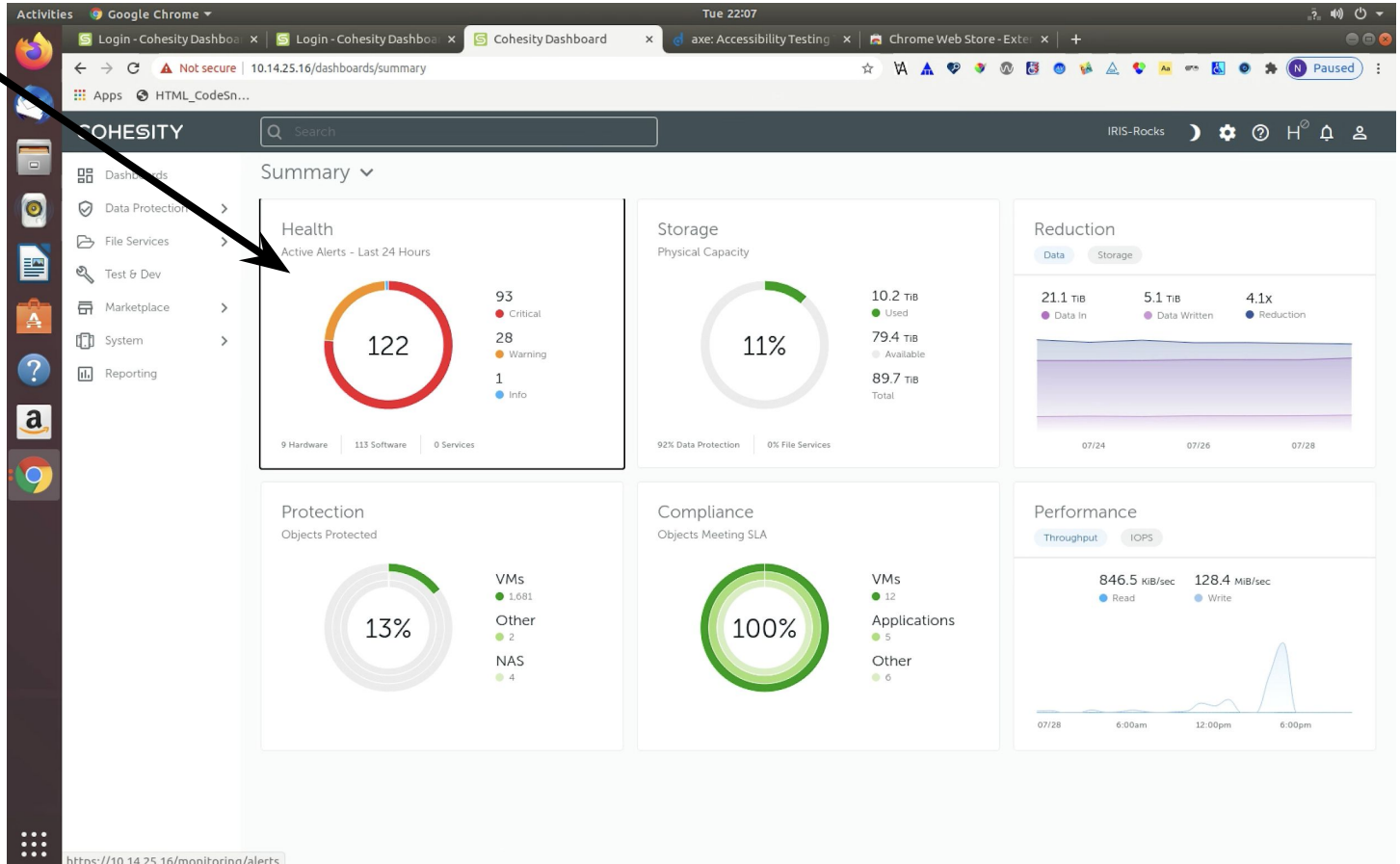
Tab Order

(b) Tab order hierarchy is not defined correctly



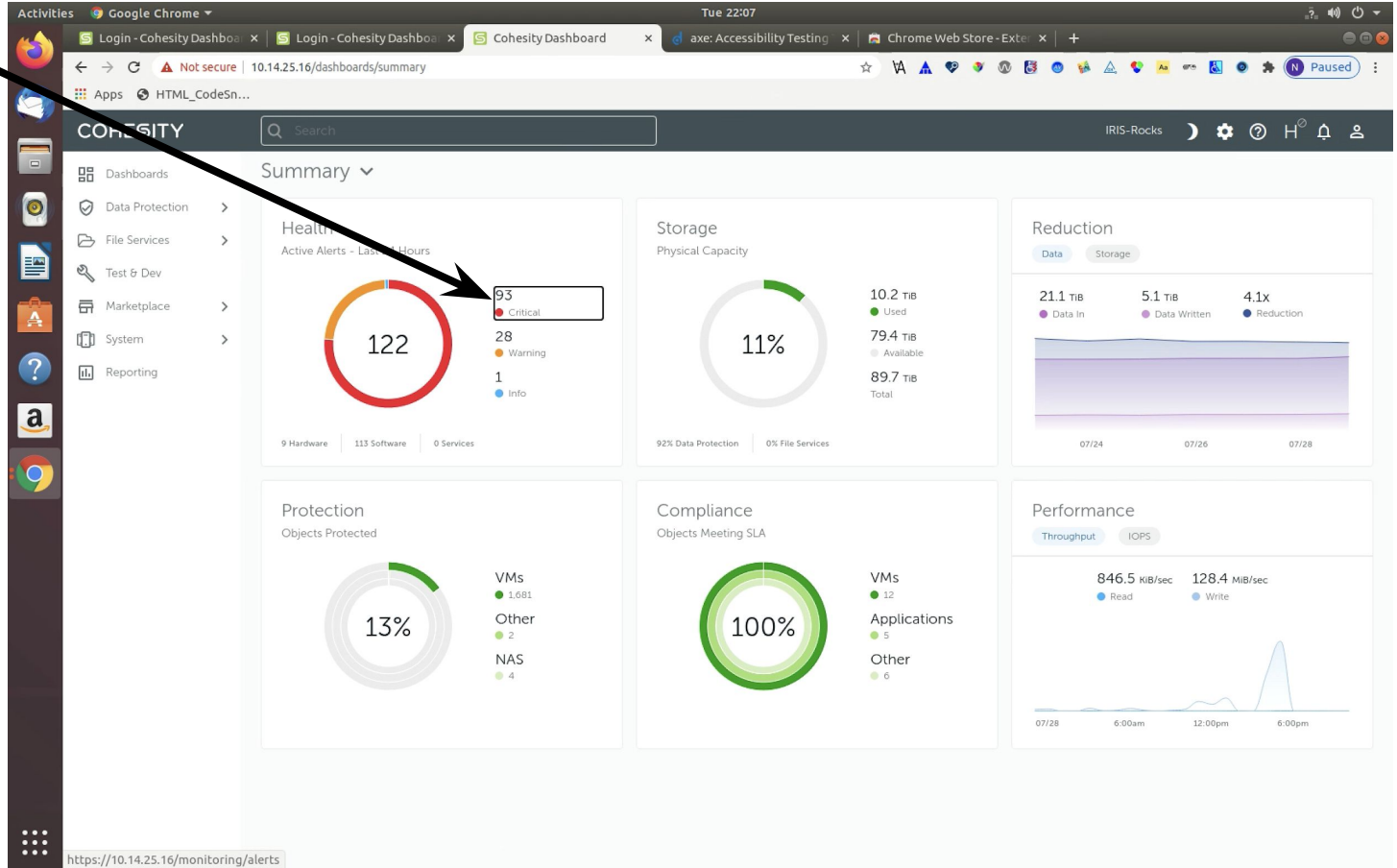
Tab Order

(b) Tab order hierarchy is not defined correctly



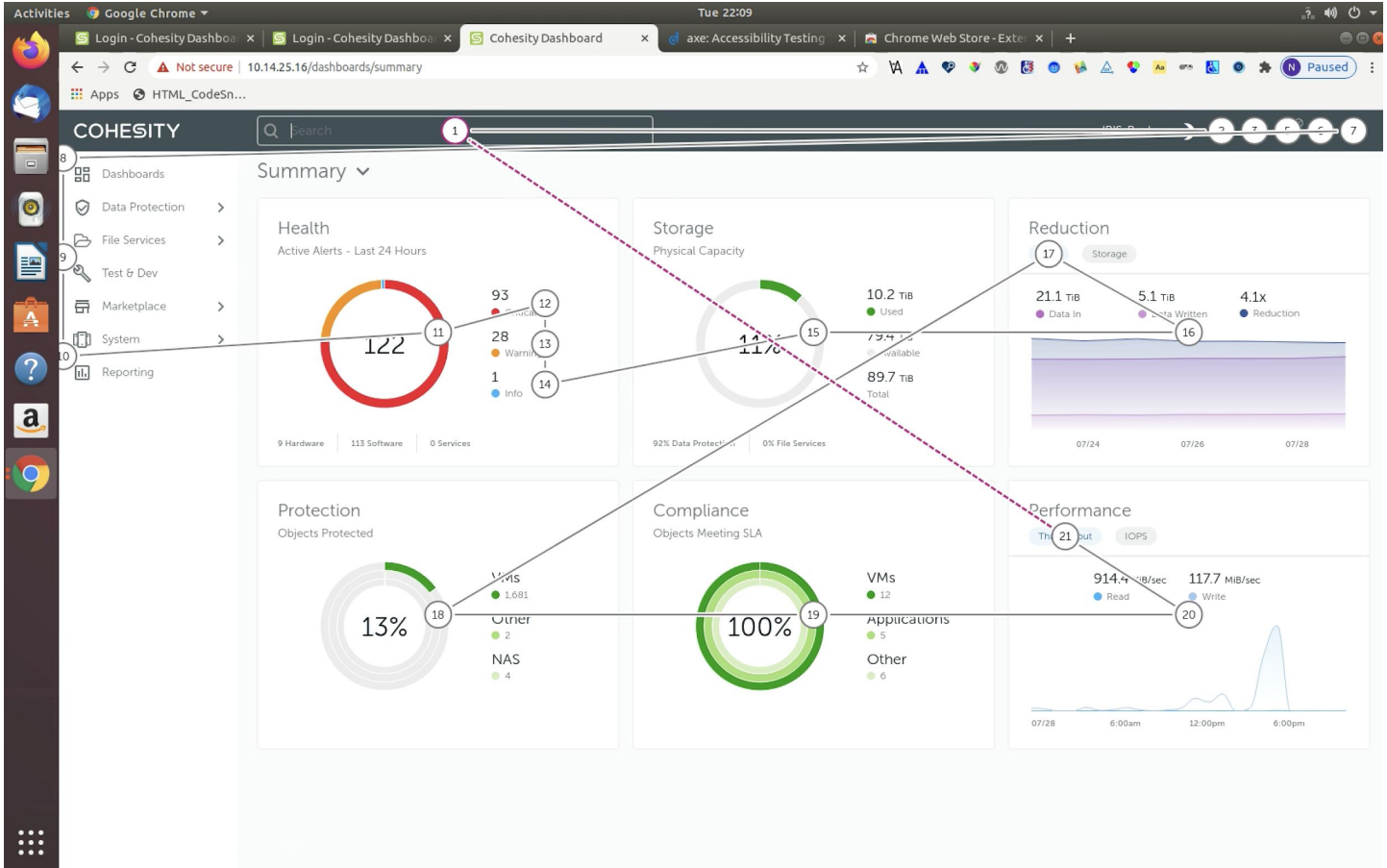
Tab Order

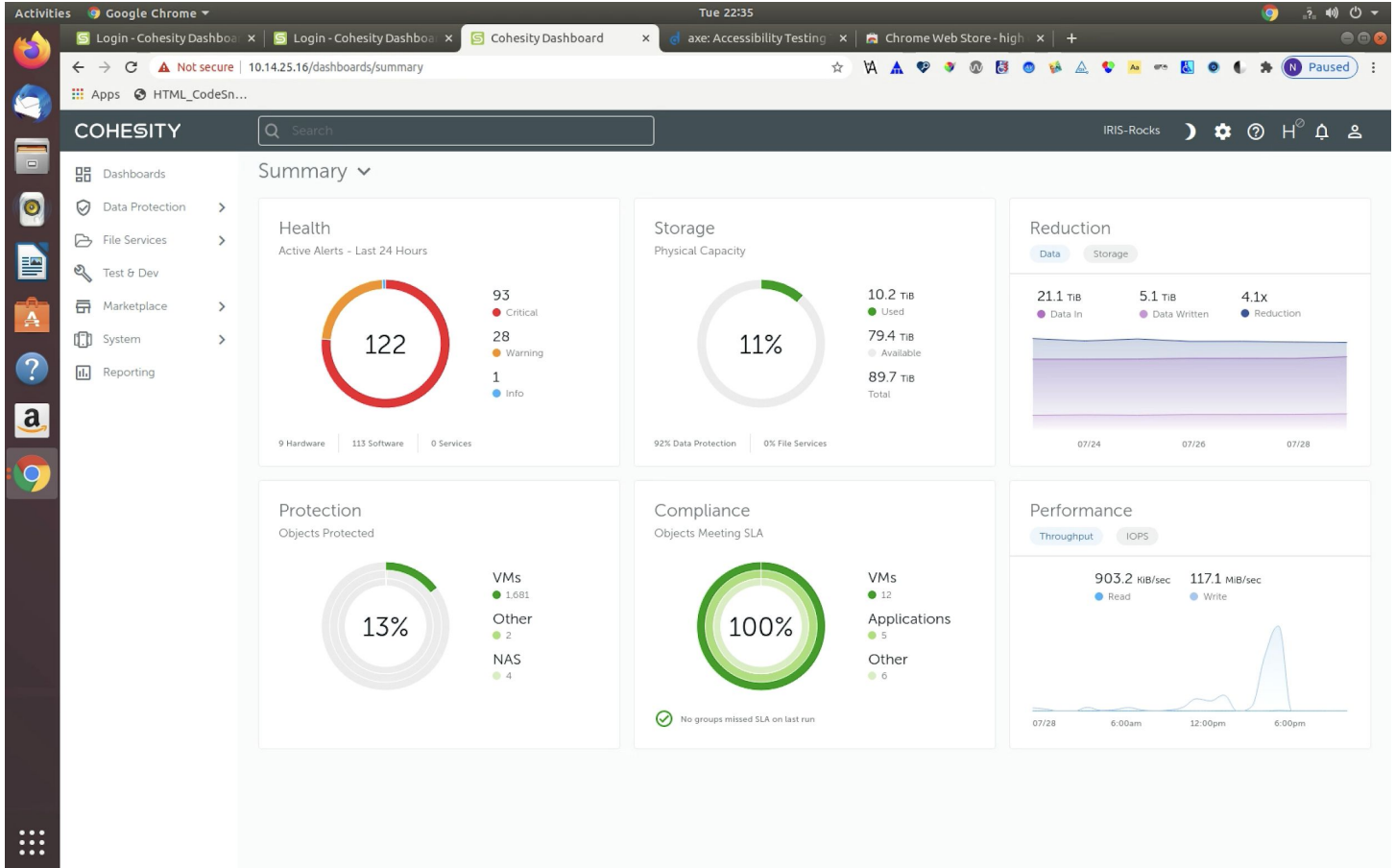
(b) Tab order hierarchy is not defined correctly



Tab Order

(b) Tab order hierarchy is not defined correctly

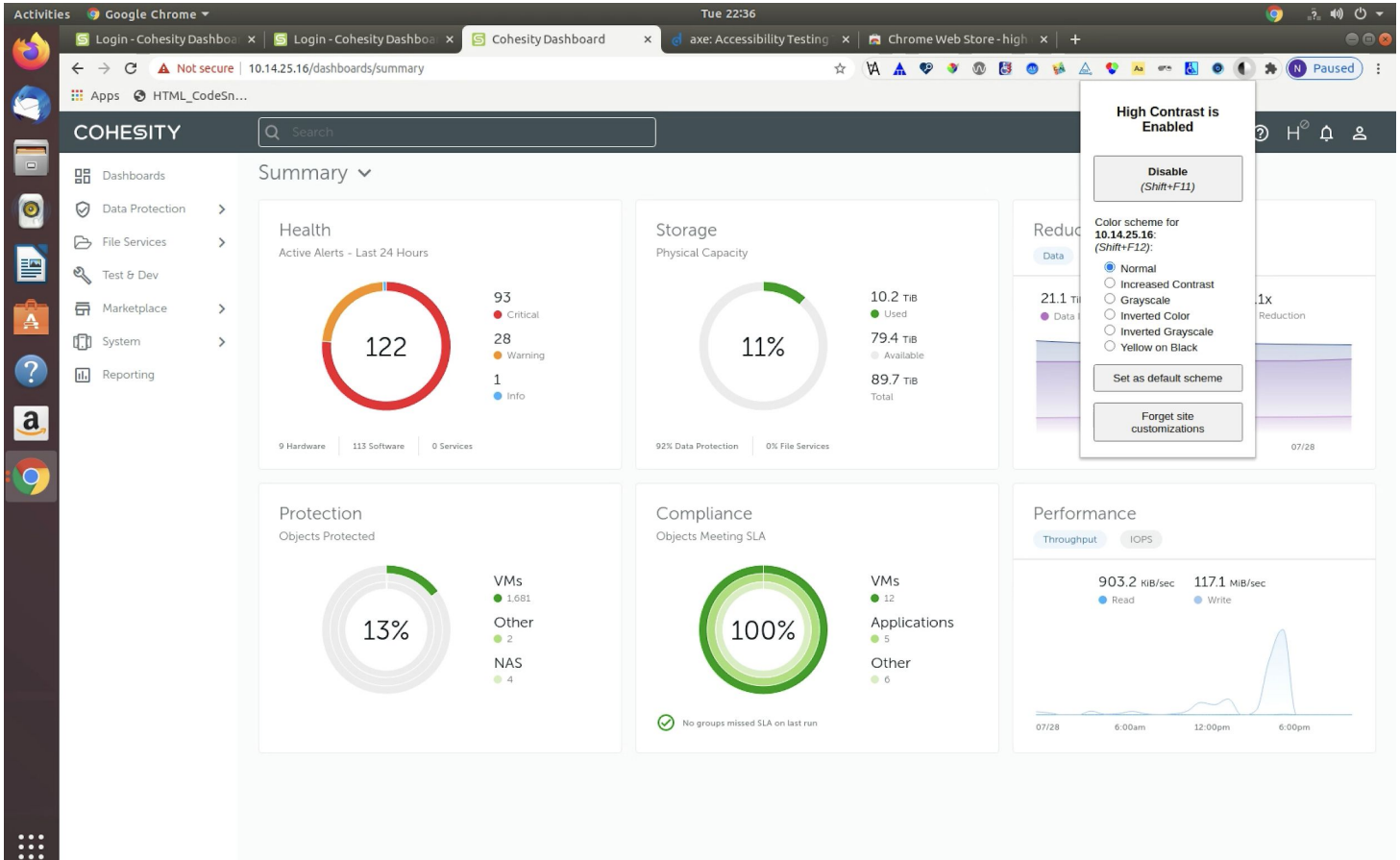



Activities
Google Chrome
Tue 22:35
Login - Cohesity Dashboa
Login - Cohesity Dashboa
Cohesity Dashboard
axe: Accessibility Testing
Chrome Web Store - high
Not secure
10.14.25.16/dashboards/summary
Paused
Apps
HTML_CodeSn...
COHESITY
Search
IRIS-Rocks
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Summary
Health
Active Alerts - Last 24 Hours
122
93
Critical
28
Warning
1
Info
9 Hardware
113 Software
0 Services
Storage
Physical Capacity
11%
10.2 TiB
Used
79.4 TiB
Available
89.7 TiB
Total
92% Data Protection
0% File Services
Reduction
Data
Storage
21.1 TiB
Data In
5.1 TiB
Data Written
4.1x
Reduction
07/24
07/26
07/28
Protection
Objects Protected
13%
VMs
1,681
Other
2
NAS
4
Compliance
Objects Meeting SLA
100%
VMs
12
Applications
5
Other
6
No groups missed SLA on last run
Performance
Throughput
IOPS
903.2 KiB/sec
Read
117.1 MiB/sec
Write
07/28
6:00am
12:00pm
6:00pm

Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

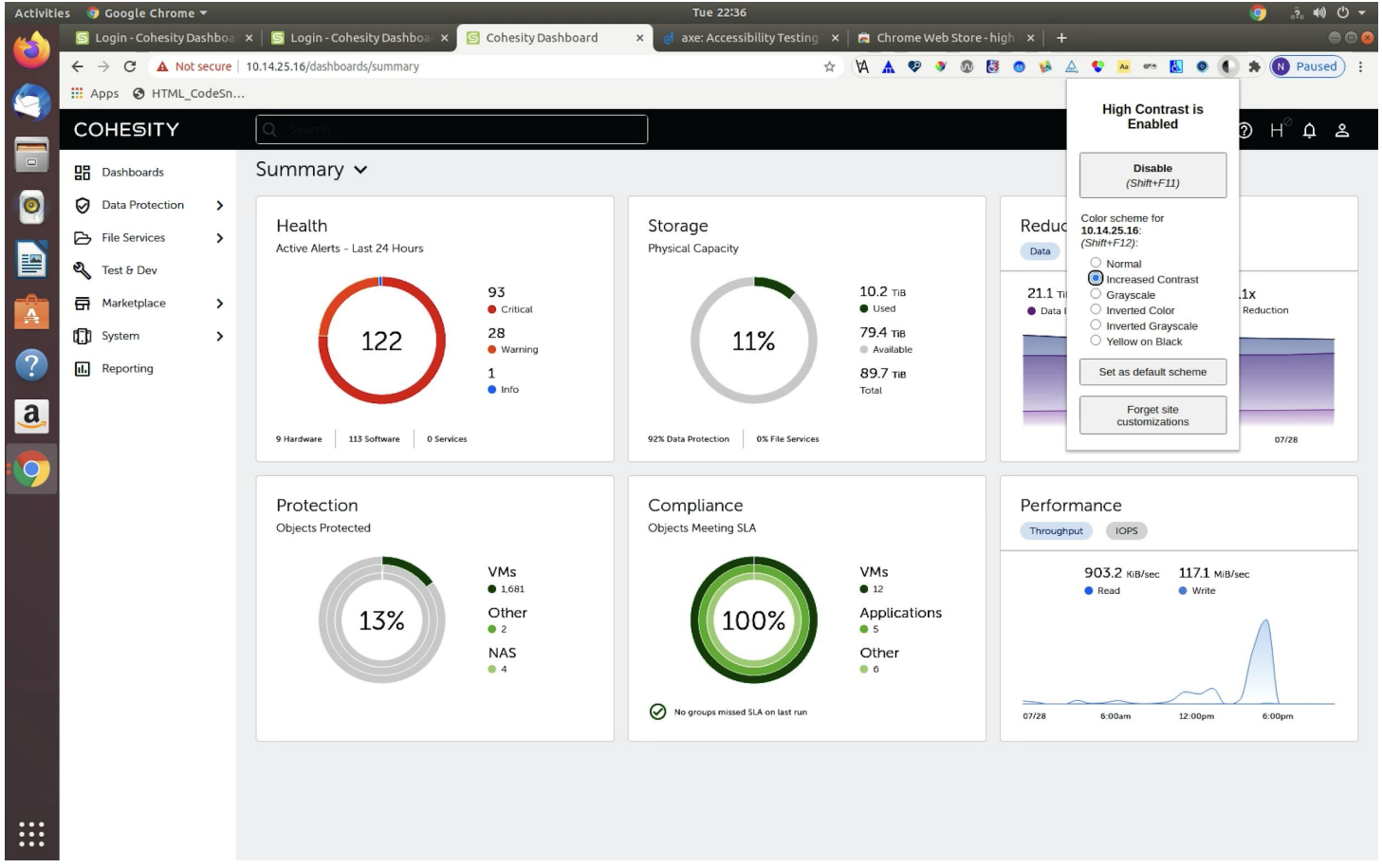
Light theme - Normal colour scheme



Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

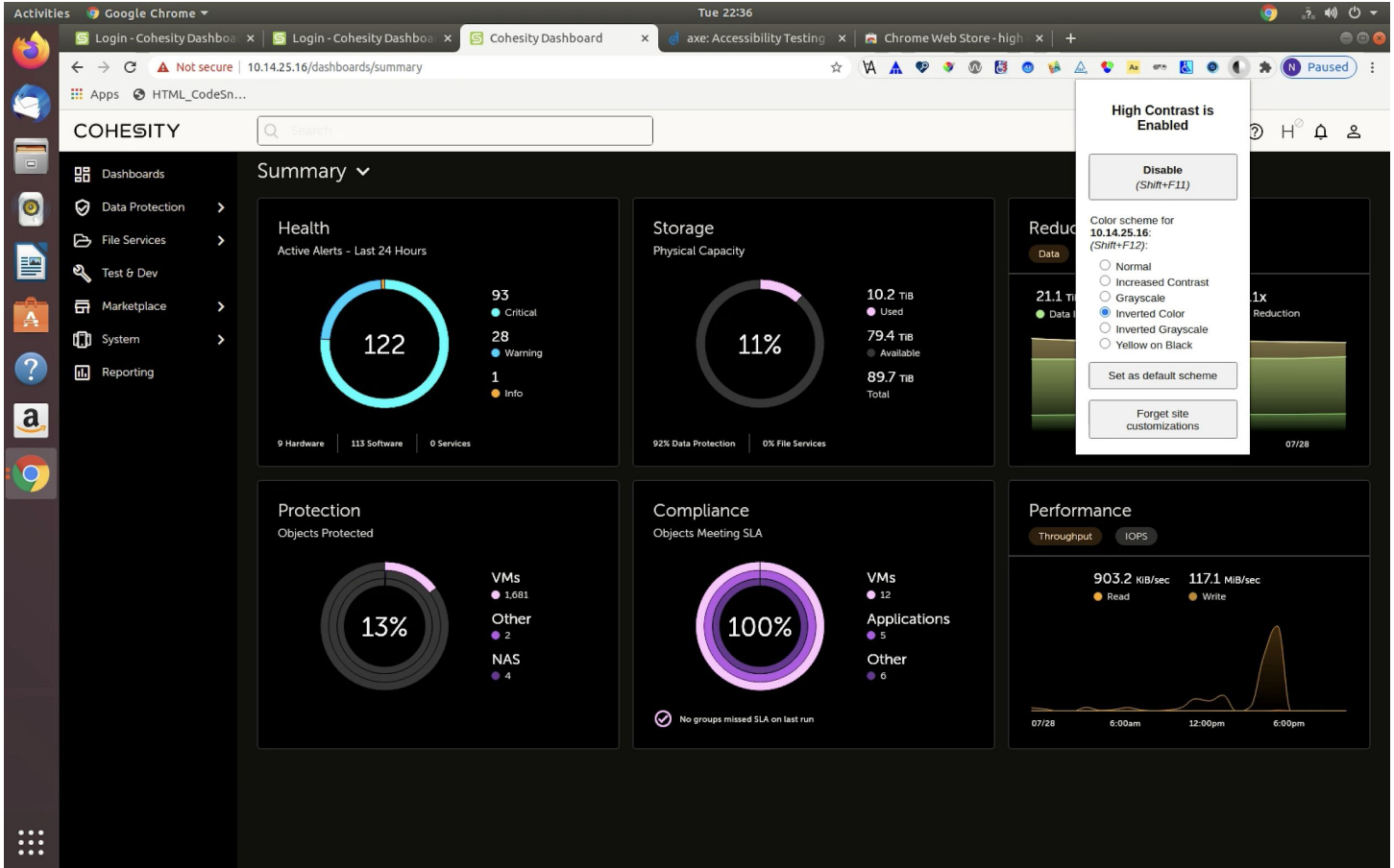
Light theme - Increased contrast colour scheme



Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

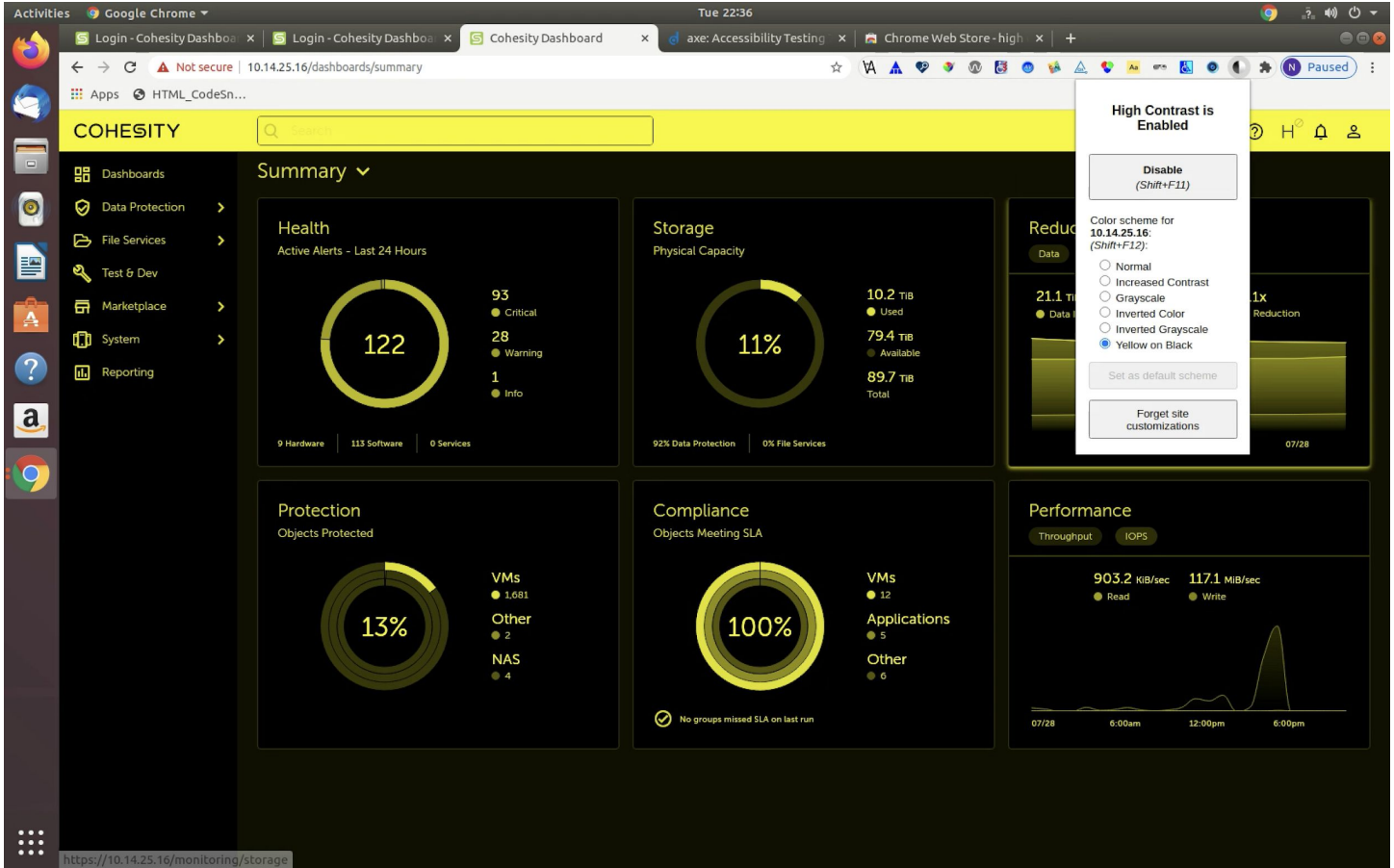
Light theme - Inverted colour scheme



Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

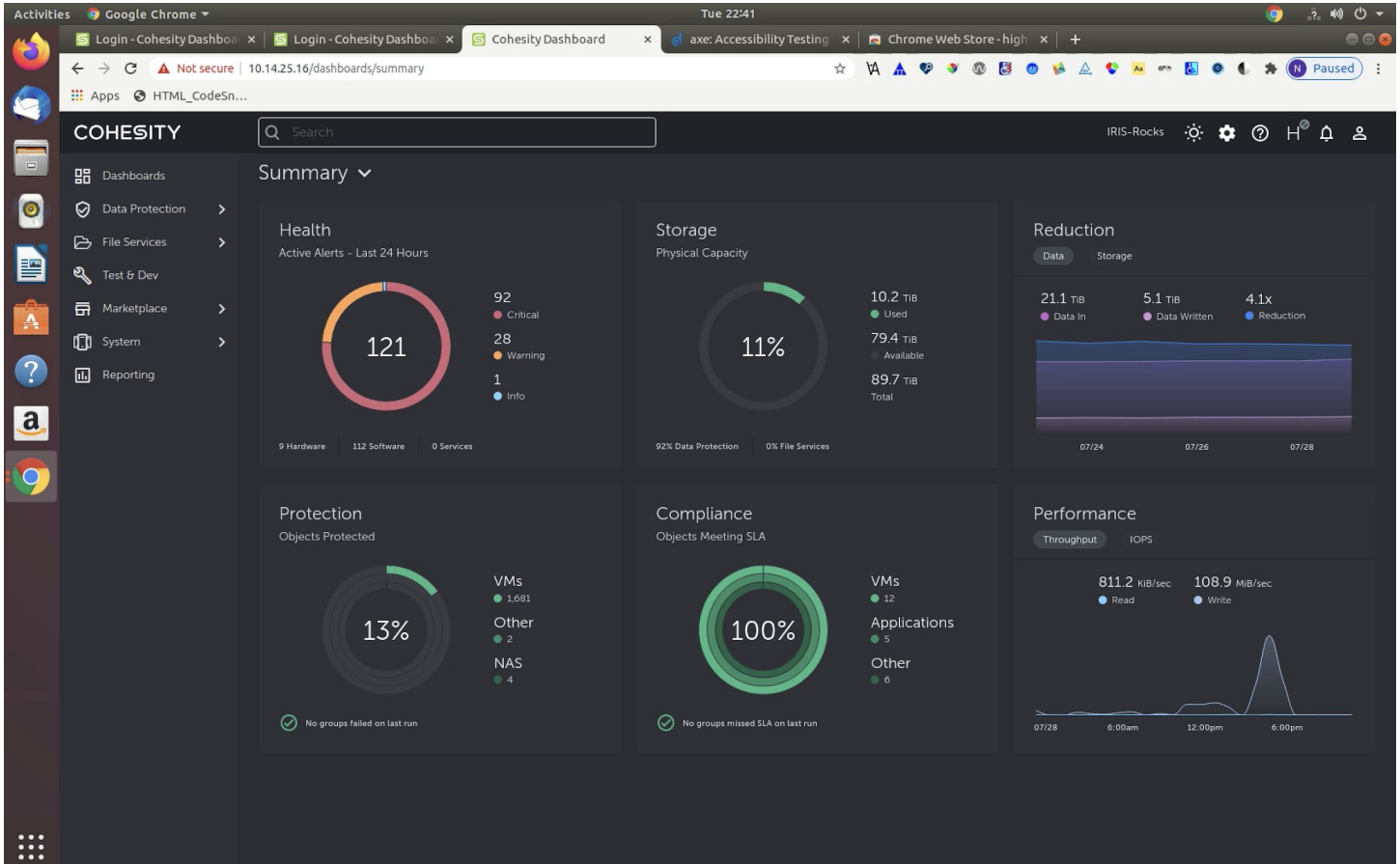
Light theme - Yellow & Black colour scheme (high contrast)



Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

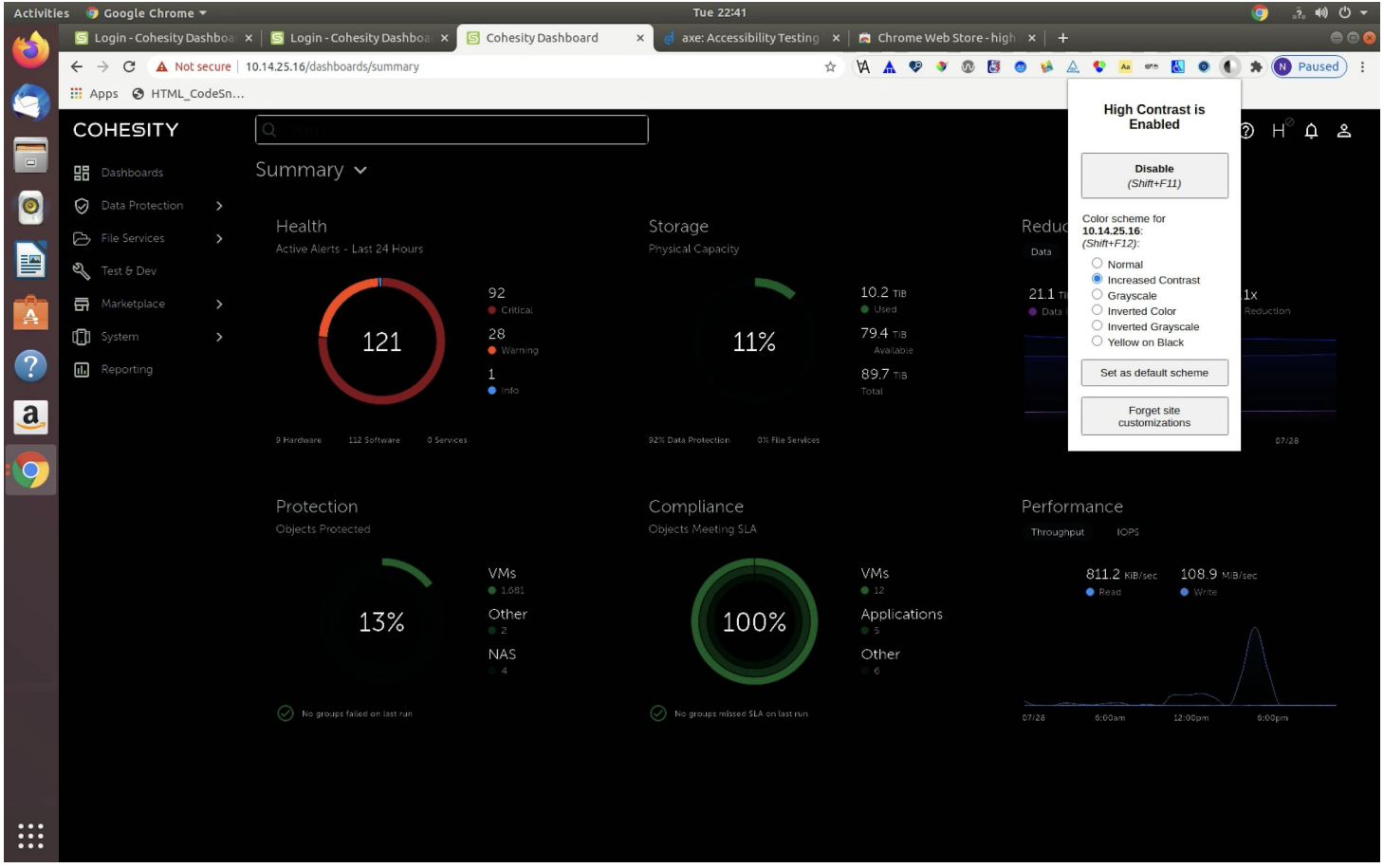
Dark Theme



Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

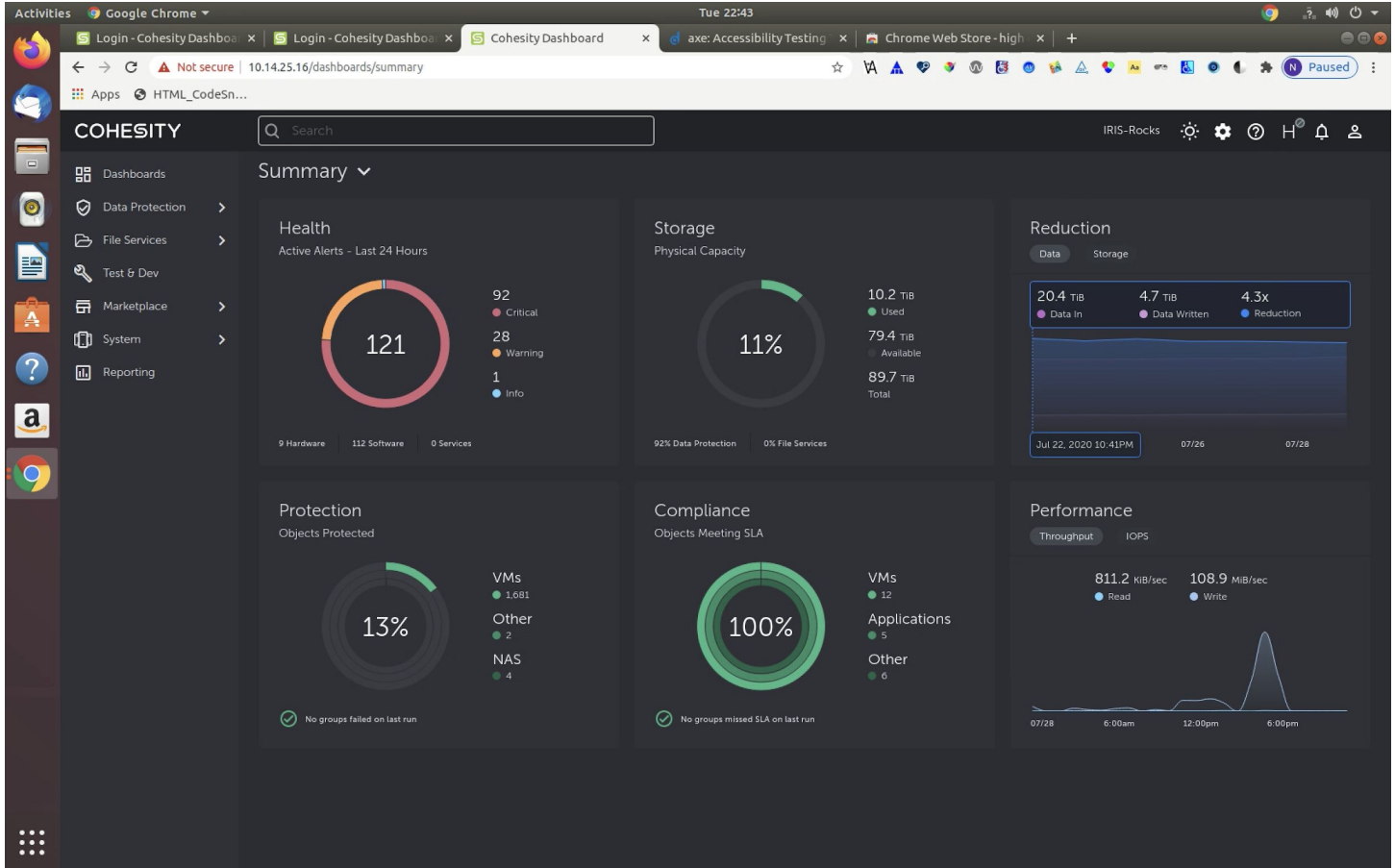
Dark theme - Increased contrast colour scheme

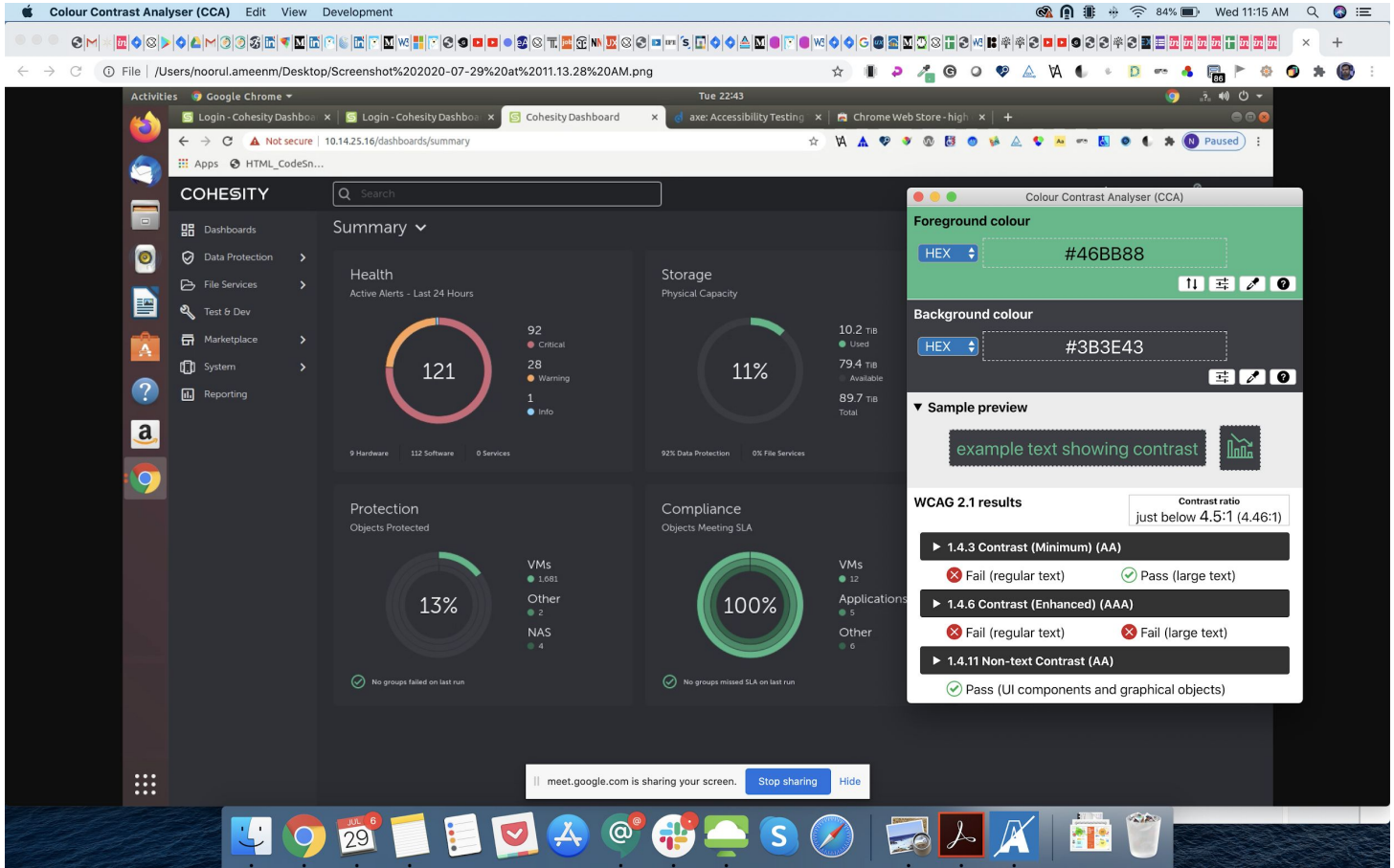


Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

Light theme - Increased contrast colour scheme

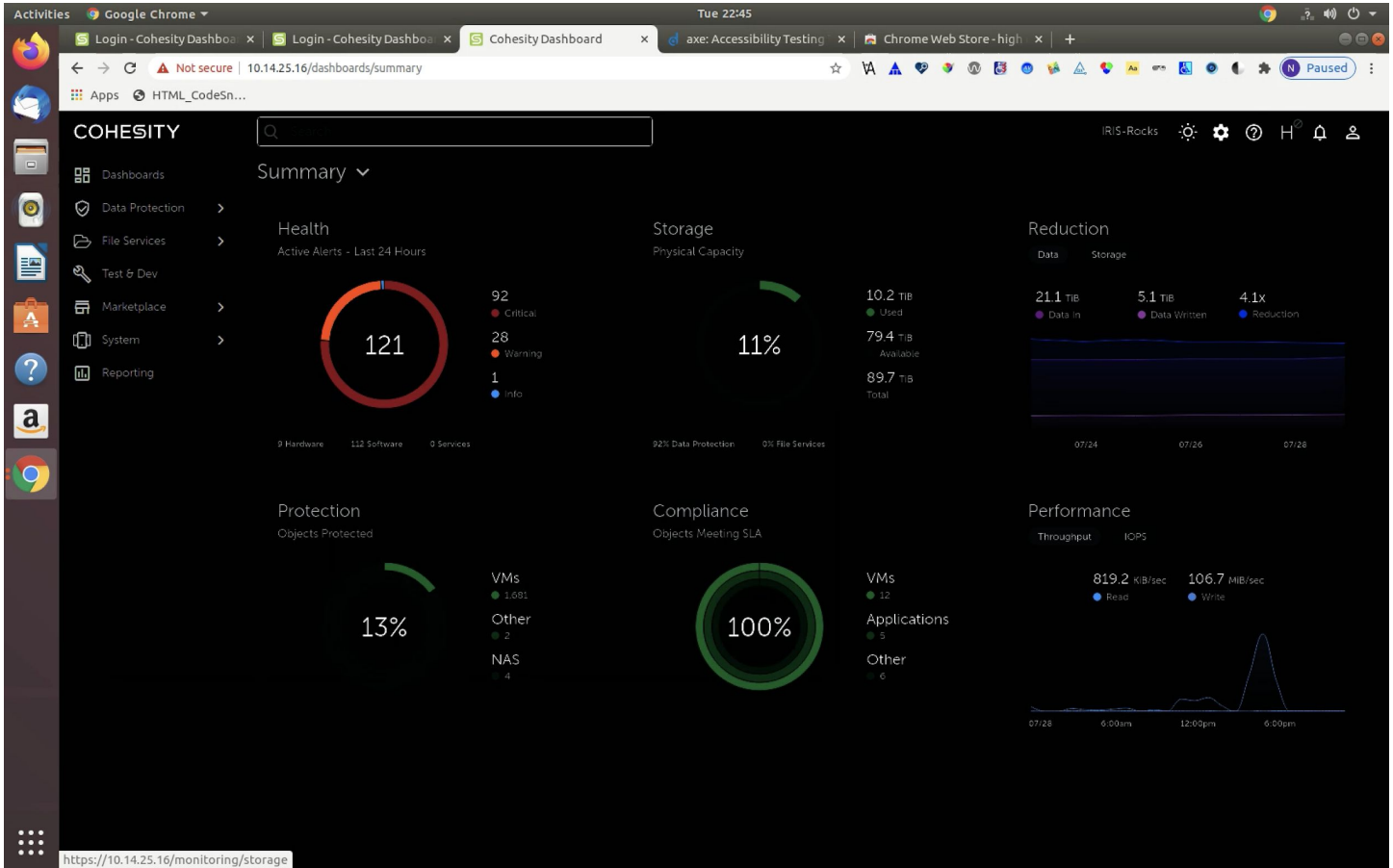



Colour Contrast Analyser (CCA) Edit View Development
Wed 11:15 AM
File /Users/noorul.ameenm/Desktop/Screenshot%202020-07-29%20at%2011.13.28%20AM.png
Activities Google Chrome Tue 22:43
Login - Cohesity Dashboa
Login - Cohesity Dashboa
Cohesity Dashboard
axe: Accessibility Testing
Chrome Web Store - high
Not secure 10.14.25.16/dashboards/summary
Paused
Apps HTML_CodeSn...
COHESITY
Search
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Summary
Health
Active Alerts - Last 24 Hours
121
92 Critical
28 Warning
1 Info
9 Hardware
112 Software
0 Services
Storage
Physical Capacity
11%
10.2 TiB Used
79.4 TiB Available
89.7 TiB Total
92% Data Protection
0% File Services
Protection
Objects Protected
13%
VMs 1,681
Other 2
NAS 4
No groups failed on last run
Compliance
Objects Meeting SLA
100%
VMs 12
Applications 5
Other 6
No groups missed SLA on last run
Colour Contrast Analyser (CCA)
Foreground colour
HEX #46BB88
Background colour
HEX #3B3E43
Sample preview
example text showing contrast
WCAG 2.1 results
Contrast ratio
just below 4.5:1 (4.46:1)
1.4.3 Contrast (Minimum) (AA)
Fail (regular text)
Pass (large text)
1.4.6 Contrast (Enhanced) (AAA)
Fail (regular text)
Fail (large text)
1.4.11 Non-text Contrast (AA)
Pass (UI components and graphical objects)
meet.google.com is sharing your screen.
Stop sharing
Hide

Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

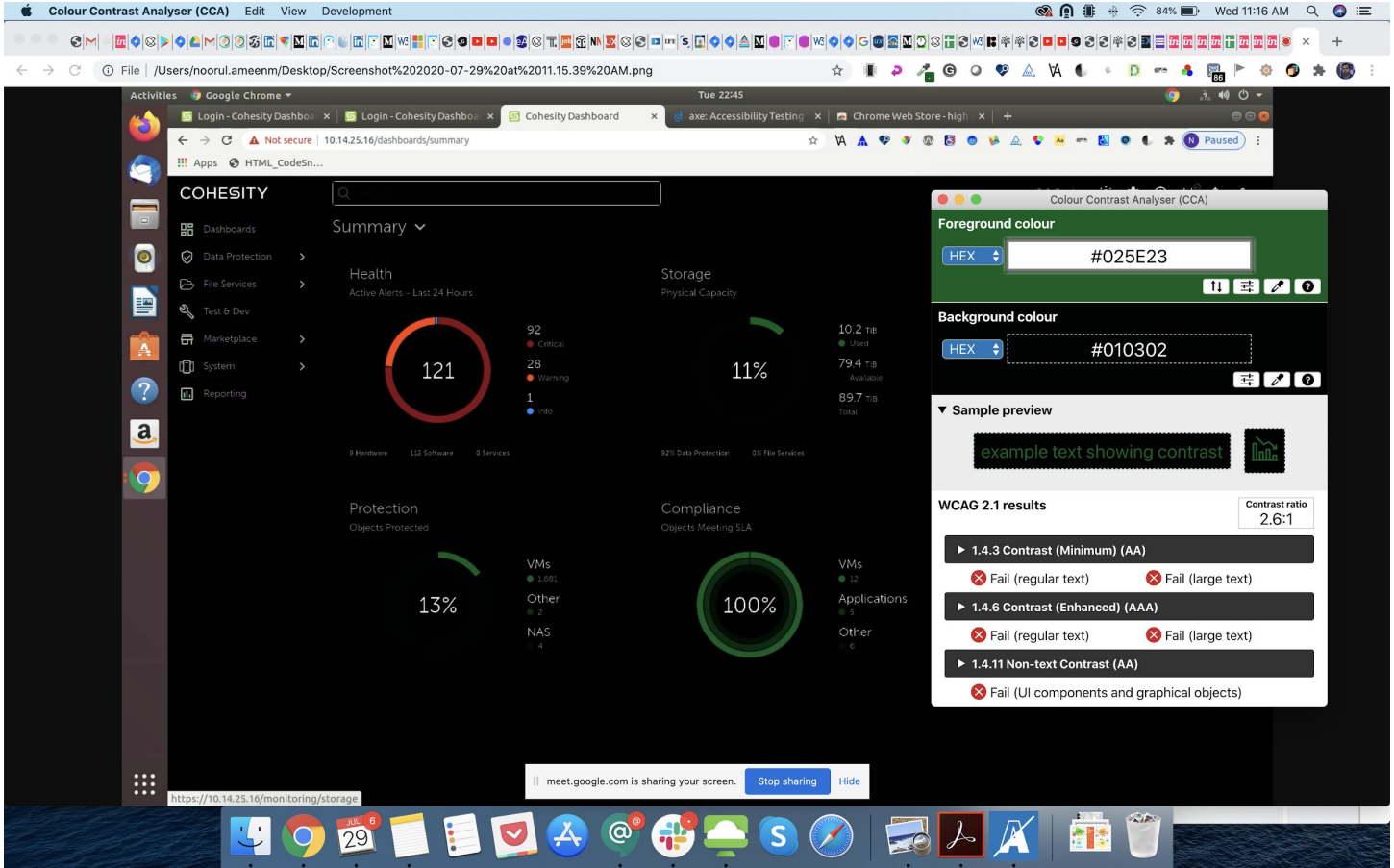
Dark theme - Increased contrast colour scheme

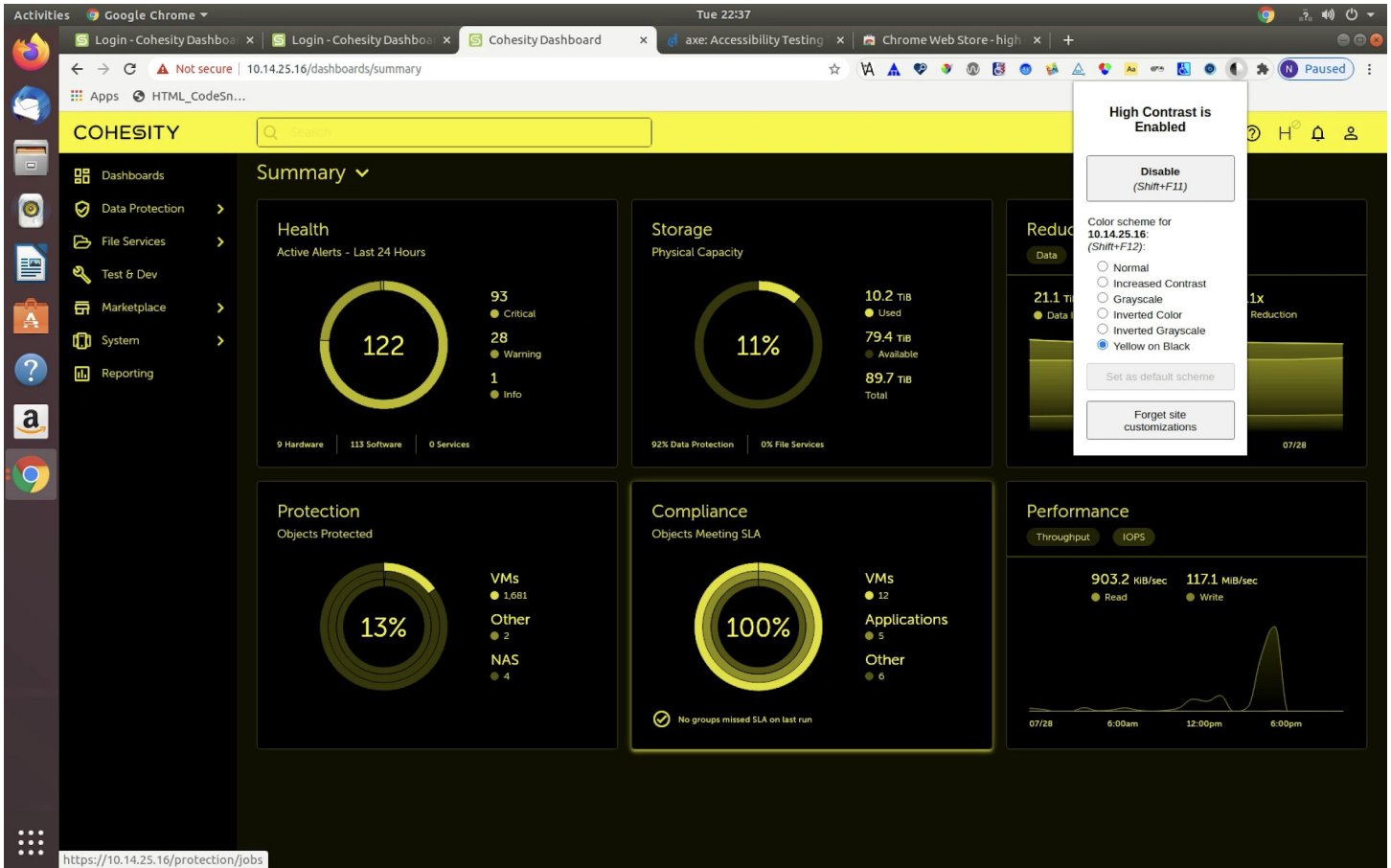


Assistive Technologies: Colour Contrast

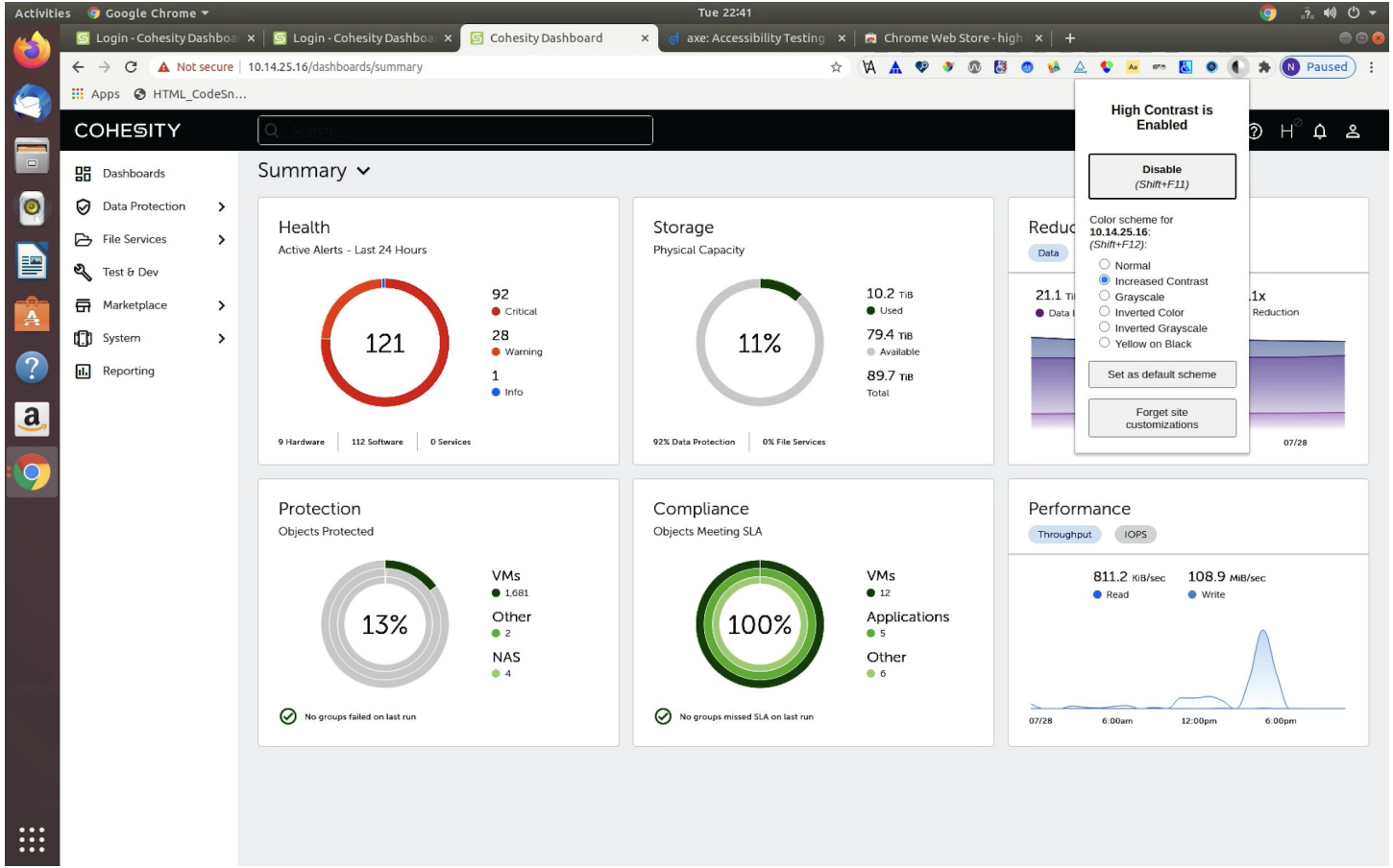
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

Dark theme - Increased contrast colour scheme




Activities
Google Chrome
Tue 22:37
Login - Cohesity Dashboa
Login - Cohesity Dashboa
Cohesity Dashboard
axe: Accessibility Testing
Chrome Web Store - high
Not secure
10.14.25.16/dashboards/summary
Paused
Apps
HTML_CodeSn...
COHESITY
Search
Dashboards
Data Protection
File Services
Test & Dev
Marketplace
System
Reporting
Summary
Health
Active Alerts - Last 24 Hours
122
93
Critical
28
Warning
1
Info
9 Hardware
113 Software
0 Services
Storage
Physical Capacity
11%
10.2 TiB
Used
79.4 TiB
Available
89.7 TiB
Total
92% Data Protection
0% File Services
Reduc
Data
21.1 Ti
Data
1x
Reduction
07/28
High Contrast is Enabled
Disable
(Shift+F11)
Color scheme for
10.14.25.16:
(Shift+F12):
Normal
Increased Contrast
Grayscale
Inverted Color
Inverted Grayscale
Yellow on Black
Set as default scheme
Forget site customizations
Protection
Objects Protected
13%
VMs
1,681
Other
2
NAS
4
Compliance
Objects Meeting SLA
100%
VMs
12
Applications
5
Other
6
No groups missed SLA on last run
Performance
Throughput
IOPS
903.2 KiB/sec
Read
117.1 MiB/sec
Write
07/28
6:00am
12:00pm
6:00pm
https://10.14.25.16/protection/jobs

Assistive Technologies: Colour Contrast

(g) Applications shall not override user selected contrast and color selections and other individual display attributes.

Normal colour scheme