Kibana

Reference Guide

This user reference guide includes instructions for the use of Kibana within the PIEE environment. For further instructions on the use of Kibana, please visit https://www.elastic.co/guide/en/kibana/7.17/index.html.

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Elastic User Guide

All topics	
Kibana Guide:	
7.17	~
What is Kibana?	
What's new in 7.17	
Kibana concepts	>
Quick start	
Set up	>
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Copuse	ς.

To view Elastic's Kibana user guide, navigate to <u>https://www.elastic.co/guide/en/kibana/7.17/index.html</u>. Navigate to the bottom of the page and utilize the navigational menu to access training materials relevant to 7.17.1.

<u>Dashboards</u>

The user may customize the Kibana dashboard to display a collection of searches and visualizations.

Da	ashboards			Create dashboard
Q	Search			Tags ∨
	Title	Description	Tags	Actions
	EDA CLIN ADDR SYN DISA GF	This report contains all the addresses found on the Synopsis XML.		Ø
	EDA CLIN LOA DELIVERY SYN DISA GF	This report contains delivery data for Synopsis Line Item.		Ø
	EDA CLIN LOA REPEAT ELEMENT SYN DISA GF	This report contains data for line of accounting for the Synopsis XML that can exist one or more times within an XML.		Ø
	EDA CLIN LOA SYN DISA GF	This report contains data for line of accounting from Synopsis XML.		Ø
	EDA CONTRACT SYN DISA GF	This report contains contractual information from Synopsis XML.		Ø
_	NAVEAO EDA OED Olivies	This report contains data for GFP clauses found		A

Select the Create dashboard button to customize the dashboard view.

	1		
Add your fire	t visualization		
Create content	that tells a story		
about y	our data.		

To add a saved visualization to the dashboard, select the **Add from library** button.



All available saved visualizations and searches are displayed by default.

- 1. Saved visualizations may be selected to add to the dashboard.
- 2. Saved searches may be selected to add to the dashboard.
- 3. Visualizations and searches may be located using the **Search** field.
- 4. Available items may be filtered using the **Types** dropdown menu.
- 5. A new search may be created using the **New Saved Search** option.



To create a new visualization, select the **Create visualization** button.

Select the desired visualization type from the **Visualization Type** dropdown menu. For more information on creating a visualization, please visit https://www.elastic.co/guide/en/kibana/7.17/dashboard.html.

Select **Save** from the Kibana toolbar to save the new dashboard.

ew Dashboard 🗸 🗸		×	changes	Options	Share	Sw
	Save dashboard		minutes			
1	Title					
All types 🗸 🖻 Add from li	Description	1				
3	Tags 🗸 🗸	1				
No results found	Store time with dashboard	1				
	each time this dashboard is loaded.					
	Ca Save					

- 1. Enter the dashboard name in the Title field.
- 2. Add a description in the Description field, if desired.
- 3. Add any desired metadata from the Tags dropdown menu.
- 4. To store the time period specified in the time filter, enable Store time with dashboard.
- 5. Select **Save** to save the dashboard.

Collaborative Spaces

Creating and Editing a Collaborative Space

1. Access Kibana (e.g., via AT-AT)



2. Click the small green square with initials in the top left of the page.

😔 elastic	
BH Dashboard	
Dashboards	🕀 Crea
O course	

3. Click "Module' Collaborative Space" (e.g., AT-AT Collaborative Space).

=	AS Dashboard		
c	Change current space	Create dashboard	
-	AT-AT Collaborative Space		
	вн	Tags 🗸	
	-		

4. The "Dashboards" page displays (if it is blank the user is prompted to create a Dashboard). Rather than clicking "Create Dashboard", click the 3 lines in the top left of the page and navigate to "Discover".

AS Dashboard	
Click S Recently vic here ~	
Retranges Teal	
📕 Analytics 🗸 🗸	
Overview	
Discover	
Dashboard	
Canvas	

5. Search for fields in the "Search field names" bar. Add fields by clicking the "+" button.

😔 elastic	
AS Discover Brittan	ny's Test 🗸
🖫 🗸 Search	
🕞 – + Add filter	Search here
atat_records* $ \smallsetminus $	52,095 hits
Q Search field names	i≣ Columns
	Record
Filter by type 0	27 🗌 100023
✓ Selected fields	4 100024
t Record ID	2 🗍 100025
(t) Agency	∠ □ 100025
t Contractor Name	
Report Date	21 100025
✓ Available fields	383
Popular	2 100025
t CO DoDAAC	d field as column
t CO Name	2 100025
t Cognizant CMO	100025
t Cognizant DCMA/Other Contrac Office	Add to 100025
t Contracting Office	search 100026
t DCAA Audit Report Number	2 0 100026

6. A table on the right side of the page is populated with the columns and data correlated to the fields added.

AS Discover Brittany's Test V			Options New Open	Share Inspect 🕃 Save				
Search				KQL C Refresh				
ি = + Add filter								
atat_records* ∨ ←	52,095 hits C Reset search							
Q Search field names	Q Search field names 🗰 Columns 🛊 Sort fields 🖾 Full screen							
	Record ID ~	Agency ~	Contractor Name ~	Report Date 🗸 ˆ				
Filter by type 0 V	27 100023962	DEFENSE CONTRACT MANAGEME	EG&G NATIONAL SECURITY AND	12/03/2012				
✓ Selected fields 4 [^]	<i>⊾</i> [™] □ 100024056	DEFENSE CONTRACT MANAGEME	LM TSS ENGINEERING SERVICES	09/25/2012				
t Record ID	∠" □ 100025765	DEFENSE CONTRACT MANAGEME	SHARED RESOURCES INC	08/18/2013				
t Agency	⊿ 🗌 100025820	DEFENSE CONTRACT MANAGEME	NGIS HEADQUARTERS	09/27/2011				
t Contractor Name	دٍ™ 🚺 100025854	DEFENSE CONTRACT MANAGEME	NGIS HEADQUARTERS	01/30/2012				
Report Date	∠ ² □ 100025867	DEFENSE CONTRACT MANAGEME	NGIS INTELLIGENCE SYSTEMS DI	02/20/2018				
V Available fields 383	3 0 100005070	DEFENSE CONTRACT MANAGEME		11/10/0014				

7. After all fields have been added, click the "Save" button in the top right of the page.

AS Discover Brittany's Test	\checkmark				Options	New Open	Share	Inspect	🖪 Save
😰 🗸 Search Kol 😋									
· ⇒ Add filter									
atat_records* V 🗧 52,095 hits C Reset search									
Q Search field names	Q Search field names III Columns ♦ Sort fields [] Full screen								
			Record ID ~	Agency ~	Contractor Nar	me	~ Report	Date	~ 1
Filter by type 0		2	100023962	DEFENSE CONTRACT MANAGEME	EG&G NATIONA	AL SECURITY AND	12/03/2	2012	
✓ Selected fields 4	î.	2 🔾	100024056	DEFENSE CONTRACT MANAGEME	LM TSS ENGIN	EERING SERVICES	09/25/2	2012	

8. A 'Save search' pop-up displays. The "Title" field is required. Toggle ON the "Save as new search" switch. Click the "Save" button, the window closes.

AS Discover Brittany's T	est 🗸			Options New Open	Share Inspect 🕃 Save
Search					KQL C Refresh
🗇 - + Add filter					
atat_records* $$,	52,095 hits	Save search		
Q Search field names		Columns	Title		
Eilter by type 0	~	Record II)	DCMA Test	irractor Name 🗸 🗸 🗸	Report Date 🗸 🕯
Piller by type		2 🗌 10002356		S NATIONAL SECURITY AND	12/03/2012
✓ Selected fields	4	2 🗌 100024(Description	SS ENGINEERING SERVICES	09/25/2012
t Record ID		2 🗍 10002576		RED RESOURCES INC	08/18/2013
t Agency		2 1000258		HEADQUARTERS	09/27/2011
t Contractor Name		2 1000258		HEADQUARTERS	01/30/2012
Report Date		2 1000256		UNITELLIGENCE SYSTEMS DI	02/20/2018
Available fields	383	2 0 1000200	1		11/10/0014
Popular		10002585	Save as new search	SINTELLIGENCE STSTEMS DI	11/18/2014
f CO DoDAAC		2 10002588		HOME OFFICE (HA)	01/05/2015
t CO Name		2 🗍 1000258	Cancel Save	S DSD/DTD SYSTEMS (HT)	08/03/2015
t Cognizant CMO		2 1000258		HOME OFFICE (HA)	12/22/2014
t Cognizant DCMA/Other Contract					

9. Click the 3 lines in the top left of the page and navigate to "Dashboard".



10. The 'Dashboards' page displays, click the "Create Dashboard" button in the top right (if the 'Dashboards' page is empty, the create button may be in the center of the page).

Dashboards			+ Create dashboar
Q Search			Tags
Title	Description	Tags	Action

11. An 'Editing New Dashboard' page displays, click the "Add from library" button to add saved search to the Dashboard.

AS Dashboard Editing New Dashboard		Options Share Switch to view mode	Save
🖫 🗸 Search	KQL 🛗 🗸 Last 15	5 minutes Show dates	C Refresh
· → Add filter			
Create visualization (☆) All types ∨ Add from library Add from library Add your first visualization Create content that tells a story about your data.			

12. An "Add from Library" sidebar displays, click the search saved earlier in these steps (e.g., search titled "DCMA Test"). The Dashboard will reload in the background. Click the "x" in the top right of the sidebar to close it.

AS Dashboard Editing New Dashboard	Options Share Switch to view mode Save
 E ✓ Search Search 	Add from library
Create visualization	Q Search Sort ~ Types 4 ~ Ø DCMA Test
Add your first visualization Create content that tells a story about your data.	

13. The 'Editing New Dashboard' page displays a table with the results from the saved search. At this point, if visualizations are desired, those can be added by clicking the "Create visualization" button.

Editing New Dashboard	\checkmark	Unsaved changes Options St	hare Switch to view mode	Save		
Search	KQL	Last 15 minutes	Show dates	ි Refresh		
🗇 - + Add filter						
③ Create visualization (注) All types ∨						
DCMA Test			5	ĝ 2095 documents		
🗉 Columns 🗘 Sort fields 🛄 Full screen						
Record ID ~	Agency ~	Contractor Name ~	Report Date	~ ^		
e ⁿ 0100023962	DEFENSE CONTRACT MANAGEMENT AGENCY (EG&G NATIONAL SECURITY AND DEFENSE SEG	12/03/2012			
100024056	DEFENSE CONTRACT MANAGEMENT AGENCY (LM TSS ENGINEERING SERVICES	09/25/2012			
2 100025765	DEFENSE CONTRACT MANAGEMENT AGENCY (SHARED RESOURCES INC	08/18/2013			
21 100025820	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS HEADQUARTERS	09/27/2011			
2 100025854	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS HEADQUARTERS	01/30/2012			
2 100025867	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS INTELLIGENCE SYSTEMS DIVISION (ISD/CID)	02/20/2018			
21 100025872	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS INTELLIGENCE SYSTEMS DIVISION (ISD/CID)	11/18/2014			
I 100025881	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS HOME OFFICE (HA)	01/05/2015			
2 ⁿ □ 100025892	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS DSD/DTD SYSTEMS (HT)	08/03/2015	v		
Rows per page: 100 🗸			< 1	2345]		

14. Click the "Save" button in the top right corner to save to the 'Module' Collaborative Space dashboard.

AS Dashboard Editing New Dashboard	\checkmark	Unsaved changes Options Sh	are Switch to view mode Save
🗈 🗸 Search	KQL	🛗 🗸 Last 15 minutes	Show ates C Refresh
🗐 — + Add filter		CI	ick to save report to
Ø Create visualization	Add from library		ashboard
DCMA Test			ලි 52095 documents
Record ID	Agency	Contractor Name ~	Report Date
2 100023962	DEFENSE CONTRACT MANAGEMENT AGENCY (EG&G NATIONAL SECURITY AND DEFENSE SEG	12/03/2012
2 0100024056	DEFENSE CONTRACT MANAGEMENT AGENCY (LM TSS ENGINEERING SERVICES	09/25/2012
2 0100025765	DEFENSE CONTRACT MANAGEMENT AGENCY (SHARED RESOURCES INC	08/18/2013
2 100025820	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS HEADQUARTERS	09/27/2011
2 100025854	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS HEADQUARTERS	01/30/2012
2 100025867	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS INTELLIGENCE SYSTEMS DIVISION (ISD/CID)	02/20/2018
♪ □ 100025872	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS INTELLIGENCE SYSTEMS DIVISION (ISD/CID)	11/18/2014
♪ □ 100025881	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS HOME OFFICE (HA)	01/05/2015
♪ □ 100025892	DEFENSE CONTRACT MANAGEMENT AGENCY (NGIS DSD/DTD SYSTEMS (HT)	08/03/2015 ~
Rows per page: 100 🗸			< 1 2 3 4 5 <u>}</u>

15. The 'Save Dashboard' pop-up displays. The "Title" field is required ("Description" is optional). Click the "Save" button.

AS Dashboard Editing New Dashboard	~	Unsaved changes	Options SI	hare Switch to view mo	de 🔀 Save
Search		KQI		Show date	es C Refresh
🗇 - + Add filter		Save dashboard			
③ Create visualization (注) All types ∨	🖻 Add fre	Title DCMA Test			
DCMA Test		Description			窗 52095 documents
Record ID	Agency		~	Report Date	~ *
A 🗍 100023962	DEFENSE CO		D DEFENSE SEG	12/03/2012	-
→ □ 100024056	DEFENSE CO		is	09/25/2012	
2 🗍 100025765	DEFENSE CO	Tage		08/18/2013	
2 🔲 100025820	DEFENSE CO	lays		09/27/2011	
⊅ 🔲 100025854	DEFENSE CO	· · · · · · · · · · · · · · · · · · ·		01/30/2012	
2 🔲 100025867	DEFENSE CO	X Store time with dashboard	DIVISION (ISD/CID)	02/20/2018	
2 🗍 100025872	DEFENSE CO	each time this dashboard is loaded.	DIVISION (ISD/CID)	11/18/2014	
2 🔲 100025881	DEFENSE CO	Cancel		01/05/2015	
7 🗍 100025892	DEFENSE COL	Cancer		08/03/2015	
Rows per page: 100 🗸					123452

NOTE: The "Title" entered displays on the 'Module' Collaborative Space dashboard and will be visible to other 'Module' users.

16. The new report now displays in the list on the 'Dashboards' page. Any changes to this report will reflect for all '*Module*' users – and all '*Module*' users can make changes to the report. This is what makes the collaborative space different than each individual user's personal dashboard.

Dashboards			Create dashboard
Q Search			Tags \
Title	Description	Tags	Action
Strengt Tax			Ø
and the second			

Sharing from a Personal Space to a Collaborative Space

1. Access Kibana (e.g., via AT-AT)



2. Click the 3 lines in the top left of the page and navigate to "Stack Management".



3. The Stack Management page displays. Click the "Saved Objects" link.



4. The Saved Objects page displays. Select "Types" to filter the list of available saved objects (e.g., Dashboard, Search, Lens).

Save	ed Objects		C ⁱ Refresh 신 Im	port 🛆 Export 39 objects
Manage	and share your saved objects. To edit the underlying data of an object, go to i	its associated application.		
Q type	e:(dashboard or search or lens)		S Type 3 V Tags V	🖞 Delete 🛛 Export 🗸
Тур	e Title	Tags	Q	Actions
	ATAT - AUDIT - Semi-Annual Closed		✓ dashboard (18)	
	ATAT - AUDIT - Unresolved Audits over 6 Months Dashboard		✓ lens (4)	000
	ATAT - AUDIT - Audits By Status		Search (17)	
0 3	ATAT - FICR - FICR Negotiation Status		config (2)	
0 3	ATAT - CBS - CBS Determination Status		uri (0)	
	ATAT - AUDIT - Audit List		query (3)	
	ATAT - AUDIT - Semi-Annual Open		tag.(0)	000
			canvas-element (0)	
0 5	ATAT - FORM 1 - DCAA Form 1 Status Report		canvas-workpad (0)	000
0 5	ATAT - FORM 1 - DCMA Form 1 Status Report		connector (0)	
0 .	ATAT - AUDIT - Top Level Dashboard		rule (0)	000
			visualization (4)	
	ATAT - AUDIT - Inquiry by Type of Audit		map (0)	000
	ATAT - AUDIT - Summary by Type of Audit		C3696 (0)	
0 5	ATAT - AUDIT - Individual Contract Inquiry			

5. Click the 3 dots for All Actions and select "Copy to Space" or the "Copy" icon for the saved object to be shared to the Collaborative Space.

3	ATAT - AUDIT - Added/Deleted Dashboard	
5	ATAT - CAS - CAS Initial and Revised DS by Priority Status	
5	ATAT - CAS - CAS Noncompliance Actions by Priority Status	ର୍ <u>Inspect</u> All actions
33	ATAT - CAS - CAS ROI Settled/COFD Cost Impact Amounts	@ Relationships
5	Resolved Records	Copy to space
ø	ATAT - TOP COGNIZANT DCMA/OTHER CONTRACTING OFFICE	0
١	ATAT - FORM 1 - APPROVAL STATUS	00 🗋
١	ATAT - FORM 1 - TYPE, KIND, CATEGORY	0
١	ATAT - TOP REGION/COMMAND	00
Ø	CAS ROI Settled/COFD Cost Impact Amounts	
0	ATAT - AUDIT - Semi-Annual Closed	

- 6. The Copy to space sidebar displays.
 - 1. Click the "Check for existing objects" radio button.
 - 2. Click the "Request action on conflict" sub-radio button.

 - Select the Space to be shared to.
 Click the "Copy to 1 Space" button.

	opy to space	
📅 A1	AT - CAS - CAS ROI Settled/COFD Cost Impact Amounts	
Сору	options	
0	Create new objects with random IDs	٩
0	Check for existing objects	1
2	Automatically overwrite conflicts	
	Request action on conflict	
Relatio	onship	
~	Include related objects	٩
Select	spaces 3	
~	AS AT-AT Collaborative Space	ę
× (AT-AT Collaborative Space	ę
~	AT-AT Collaborative Space	ę
~	AT-AT Collaborative Space	ę
~ (AT-AT Collaborative Space	6

7. The Results of the copy display, expand the section and review and resolve any conflicts. Click the "Finish" button.

Copy to :	space		×					
📅 ATAT - CAS - C	AS ROI Settled/C	OFD Cost Impact	Amounts					
Check for exis	ting objects							
× Automatically	× Automatically overwrite conflicts							
✓ Include related	\checkmark Include related saved objects							
Results								
✓ AS AT-AT Co	llaborative Space		(resolve all) 🛆 6					
🗑 ATAT - CAS - C	AS ROI Settled/COF	D Cost Impact Am	🔿 Overwrite? 🛆					
A atat_records*			🔵 Overwrite? 🛕					
ATAT - TOP REG	GION/COMMAND		🔵 Overwrite? 🛕					
ATAT - TOP CO	GNIZANT DCMA/OT	HER CONTRACTIN	. 🔿 Overwrite? 🔬					
CAS ROI Settle	d/COFD Cost Impact	Amounts	🔵 Overwrite? 🛆					
kî ATAT - CAS - C	ONTROLS		🔿 Overwrite? 📐					
Copied	Pending	Skipped	Errors					
0	0	6	0					
Cancel			Finish					

8. The Saved Objects are now available in the Collaborative Space.

Dashboards			+ Create dashboard
Q Search			Tags ~
Title	Description	Tags	Actions
ATAT - AUDIT - Semi-Annual Closed	ATAT - AUDIT - Semi-Annual Closed		Ø
ATAT - AUDIT - Unresolved Audits over 6 Months Dashboard	ATAT - AUDIT - Unresolved Audits over 6 Months Dashboard	_	Ø
ATAT - CAS - CAS ROI Settled/COFD Cost Impact Amounts	ATAT - CAS - CAS ROI Settled/COFD Cost Impact Amounts		Ø
DCMA Test			Ø
Rows per page: 20 v			< 1 >

Sharing Saved Objects from User to User

How to share Saved Objects from one User to another User

User One (Exporting)

1. Access Kibana (e.g., via AT-AT)

Audit Tracking and Action	<u><</u>
FAVORITES	
命 Dashboard	AI-AI Dashbo
AT-AT	My Work
Create Record	
Create CAS Record	
Upload File	Record ID ↑↓
E Create Form 1 Notice	<i>≈</i> <u>1000000</u> 2
Q Search Record	<i>≈</i> <u>1000000</u>
Q Search CAS Record	A 1000000
終 User Report	A 10000001
ता Kibana Reports	<i>№</i> <u>10000003</u>
TASKS	<i>₽</i> <u>10000161</u>
🗅 Task Download	<

2. Click the 3 lines in the top left of the page and navigate to "Stack Management".



3. The Stack Management page displays. Click the "Saved Objects" link.



- 4. The Saved Objects page displays.
 - 1. Select one to many saved objects for export.
 - 2. Click the Export drop-down.
 - 3. Unselect the "Include related objects" unless otherwise directed.

4. Click the "Export" button.

Save	ed Objects		ි Refresh යා Import 👌 Export 51 objects
Manage	and share your saved objects. To edit the underlying data of an object, go to i	its associated application.	
Q Sea	rch		Type ∨ Tags ∨ 👔 Delete Export ∨
Тур	e Title	Tags	Options
	Advanced Settings [7.17.1]		X Include related objects
	Advanced Settings [7.17.20]		
	ATAT - AUDIT - Added/Deleted Dashboard		
	ATAT - CAS - CAS Initial and Revised DS by Priority Status		.000
0 5	ATAT - CAS - CAS Noncompliance Actions by Priority Status		000
. 3	ATAT - CAS - CAS ROI Settled/COFD Cost Impact Amounts		
	ATAT FORM 1 DOMA Form 1 Status Barnast		

5. An .ndjson file is downloaded to the local machine. Open the folder containing the downloaded export file.



6. Forward the downloaded file to the requesting User (e.g., via email).

	Name	Date modified	Туре	Size
- To	oday			
	🔊 export.ndjson	6/4/2024 11:24 AM	NDJSON File	2 KB
> Ye	esterday			
> La	ast week			
>1	ast month			

User Two (Importing)

- 1. After receiving the exported .ndjson file from the sending User, download the file to the local machine.
- 2. Access Kibana (e.g., via AT-AT)



3. Click the 3 lines in the top left of the page and navigate to "Stack Management".



4. The Stack Management page displays. Click the "Saved Objects" link.



5. The Saved Objects page displays. Click the "Import" button.

Saved Objects		C' Refresh 也 Import	1 Export 51 objects
Manage and share your saved objects. To edit the underlying data of an object, go to	its associated application.		
Q Search		Type ∨ Tags ∨ ∄ Del	ete Export ~
Type Title	Tags		Actions
Advanced Settings [7.17.1]			00
Advanced Settings [7.17.20]			0
ATAT - AUDIT - Added/Deleted Dashboard			
ATAT - CAS - CAS Initial and Revised DS by Priority Status			000
TAT - CAS - CAS Noncompliance Actions by Drigity Status			

6. The Import save objects sidebar displays. Click the "Import" button or drag and drop the file on top of the sidebar.

Imp	ort saved objects	×
Select	a file to import	
	لالم) Inport	
Impor	t options	
0	Check for existing objects	(

- 7. The imported file displays in the Select a file to import section.
 - 1. Select "Check for existing objects" under Import options.

1

- 2. Select the sub-option "Request action on conflict" under "Check for existing objects".
- 3. Click the "Import" button.

Select	a file to import
	4
	export.ndjson Remove
nport	options
•1	Check for existing objects
2	Automatically overwrite conflicts
	Request action on conflict
0	Create new objects with random IDs ③
	3

8. A success screen displays the number of objects imported. Click the "Done" button.



9. The imported objects display in the Saved Objects page (e.g., dashboard objects are displayed on the users Dashboard).

Q	ças			8
	Title	Description	Tags	
0	ATAT - CAS - CAS Noncompliance Actions by Priority Status	ATAT - CAS - CAS Noncompliance Actions by Priority Status		
0	ATAT - CAS - CAS ROI Settled/COFD Cost Impact Amounts	ATAT - CAS - CAS ROI Settled/COFD Cost Impact Amounts		
	ATAT - CAS - CAS Initial and Revised DS by Priority Status	ATAT - CAS - CAS Initial and Revised DS by Priority Status		

Viewing Report Data

Navigation

∩ Home ×	
Recently viewed ~	
EDA CLIN ADDR SYN DISA GF	
NAVFAC EDA on GFP Clause	
EDA CONTRACT SYN DISA GF	
EDA CLIN LOA SYN DISA GF	
EDA CLIN LOA REPEAT ELEM	
🖌 Analytics 🗸 🗸	
Overview	
Discover	
Dashboard	
Canvas	Analytics
Visualize Library	Explore, visualize, and analyze your data using a powerful suite of analytical

Navigate to the **Dashboard** tab in the navigation pane.

Dashboards			Create dashboard
Q Search			Tags ~
Title	Description	Tags	Actions
EDA CLIN ADDR SYN DISA GF	This report contains all the addresses found on the Synopsis XML.		Ø
EDA CLIN LOA DELIVERY SYN DISA GF	This report contains delivery data for Synopsis Line Item.		Ø
EDA CLIN LOA REPEAT ELEMENT SYN DISA GF	This report contains data for line of accounting for the Synopsis XML that can exist one or more times within an XML.		Ø
EDA CLIN LOA SYN DISA GF	This report contains data for line of accounting from Synopsis XML.		Ø
EDA CONTRACT SYN DISA GF	This report contains contractual information from Synopsis XML.		Ø
	This report contains data for GFP clauses found		

Select the desired report from the Dashboards menu.

View Report Data



The time filter restricts the search results to a specific time period. The time filter can be specified if the index contains time-based events, and a time field is configured for the selected index pattern. The time filter defaults to the last 15 minutes.

- 1. In the Quick Select menu, arrows or fields may be used to select the desired time filter. Select the Apply button to save changes.
- 2. Commonly used settings may be selected to apply the time filter.
- 3. A refresh interval may be specified.

Kibana Reports are displayed on the Kibana Dashboard. Select the menu expander to the left of a document to view detailed data for that item.

Select the **Table** tab to view data in table format. In table view, the user will be able to view all the data within the index record. This includes more data than is displayed on the report.

Select the **JSON** tab to view data in JSON format.

Filtering Report Data

Navigation



Navigate to the **Dashboard** tab in the navigation pane.

Dashboards			Create dashboard
Q Search			Tags 🗸
Title	Description	Tags	Actions
EDA CLIN ADDR SYN DISA GF	This report contains all the addresses found on the Synopsis XML.		Ø
EDA CLIN LOA DELIVERY SYN DISA GF	This report contains delivery data for Synopsis Line Item.		Ø
EDA CLIN LOA REPEAT ELEMENT SYN DISA GF	This report contains data for line of accounting for the Synopsis XML that can exist one or more times within an XML.		Ø
EDA CLIN LOA SYN DISA GF	This report contains data for line of accounting from Synopsis XML.		Ø
EDA CONTRACT SYN DISA GF	This report contains contractual information from Synopsis XML.		Ø
NAVFAC EDA on GEP Clause	This report contains data for GFP clauses found		li li

Select the desired report from the Dashboard menu.

Filter Report Data

Users may utilize filters to return specific data in the report.

Option 1: Lucene Queries

1. Manually enter one or more filter queries in the free text **Search** field. The query must be in the format of field:data (no spaces). As data is entered, matching fields may be displayed in the dropdown menu. The user's search history will also populate in the dropdown menu.

Examples:

clin:0001

parent_record_key:12345 AND clin:0001

For information regarding building Lucene queries, please visit https://www.elastic.co/guide/en/elasticsearch/reference/7.2/query-dsl-query-stringquery.html#query-string-syntax.

2. Select the Refresh button to apply the filter.

Option 2: Guided Filtering

- 1. To select filters from the Add a Filter menu, select the Add Filter button below the Search field.
- 2. The Edit filter modal will be displayed. The user may select the desired field from the **Field** dropdown menu or enter the field name manually. As data is entered into the field, the dropdown menu will display only matching items.
- 3. The Operator field will now be displayed. Select a search modifier from the **Operator** dropdown menu to apply to the search criteria entered in the Fields field.

The operators are defined as follows:

- o Is: Filter where the value for the field matches the given value.
- \circ $\;$ Is not: Filter where the value for the field does not match the given value.
- o Is one of: Filter where the value for the field matches one of the specified values.

- o Is not one of: Filter where the value for the field does not match any of the specified values.
- o Exists: Filter where any value is present for the field.
- Does not exist: Filter where no value is present for the field.
- 4. The Value field will now be displayed. The user may select an item from the **Value** dropdown menu or enter a value manually. As data is entered into the field, the dropdown menu will display only matching items.

Note: To search for a NULL value for a string field, select the 'Is' operator and enter 'ZZZULL' in the Values field. For non-string fields, such as dates and numbers, use the 'Exists'/'Does not exist' operators.

5. Select the **Save** button on the Edit filter modal.



- 1. The report results are filtered by the user's requested criteria.
- 2. Multiple filters may be applied simultaneously by selecting the **Add Filter** button and repeating the previous steps.

For more information regarding filtering in Kibana, please visit <u>https://www.elastic.co/guide/en/kibana/7.17/discover.html</u>.

Option 3: Query DSL

×	+ Add filter		
EDA CLIN ADDR SYN	Edit filter		Edit as Query DSL
	Field		Operator
	Select a field first	\checkmark	Waiting \checkmark
	Create custom label?		
		Ca	ncel Save
		Ca	ncel Save

1. To use advanced queries, select the **Edit as Query DSL** link on the Add a Filter menu.

```
Example: Starts With and Wildcard queries
```

```
---- Starts with query ----- {
    "query": {
        "prefix": {
            "contract_number": "S0"
        }
    }
} ---- Wildcard query -----
{
    "query": {
        "wildcard": {
            "contract_number": "S*"
    }
}
```

}

Additional filters may be added using the Edit as Query DSL link. All entered queries will be chained together to return the desired results.

For more information regarding querying of DSL, please visit https://www.elastic.co/guide/en/elasticsearch/reference/7.17/query-dsl.html.

Exporting Report Data

Users may export report data from Kibana in CSV format.

ne Home	
Recently viewed V	
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👗 Analytics 🗸	
Overview	
Discover	
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Canvas	Analytics
Visualize Library	

- 1. Navigate to the **Discover** tab in the navigation pane.
- 2. Select the **Open** link in the menu bar.
- 3. In the Open search modal, select a **Search** from the list of reports.
- 4. Select the **Share** link in the menu bar.
- 5. Select CSV Reports from the Share This Search dropdown menu.

- 6. Select the **Generate CSV** button to queue the CSV file for download. The user may select the download link in the popup that will display on the screen, or on the Reports page.
- 7. To download the CSV file from the Reports page, navigate to the **Stack Management** tab in the Management section of the navigation pane.
- 8. Select the **Reporting** link under Alerts and Insights in the navigation pane.

et	et reports generated in Kibana applications.						
	Report	Created at	Status	Action			
D	EDA CLIN ADDR SYN DISA GF search	2022-03-04 @ 05:24 PM	Completed at	2 3			
			2022-03-04 @ 05:24 PM	ch 🛆			
			See report info for warnings.	-			
	EDA CLIN LOA SYN DISA GF	2019-07-12 @ 03:19 PM	Completed at				
			2019-07-12 @ 03:19 PM	da 🛆			
			See report info for warnings.				
E	EDA CLIN LOA SYN DISA GF	2019-07-10 @ 01:26 PM	Completed at				
			2019-07-10 @ 01:26 PM	da 🛆			
			See report info for warnings.				
	EDA CLIN LOA SYN DISA GF	2019-07-10 @ 01:05 PM	Completed at				
			2019-07-10 @ 01:06 PM	da 🛆			
			See report info for warnings.				

- 1. Select the **checkbox** of the report to be downloaded.
- 2. The **Download** button will allow the user to download the report with any warnings.
- 3. The Warnings button will display report info and any warnings.

Searches

Navigation

Recently viewed \checkmark	
EDA CLIN ADDR SYN DISA GF	
EDA CLIN ADDR SYN DISA GF	
NAVFAC EDA on GFP Clause	
EDA CONTRACT SYN DISA GF	
EDA CLIN LOA SYN DISA GF	
🖌 Analytics 🗸	
Overview	
Discover	
Dashboard	
Canvas	Analytics
Visualize Library	Explore, visualize, and analyze your data using a powerful su
🖏 Management 🗸	and applications.

Navigate to the **Discover** tab in the navigation pane.

Save Search

To save a new search, select **Save** in the Kibana toolbar.





2. Select the **Save** button.

Open Saved Search

To load a saved search, select **Open** in the Kibana toolbar.



- 1. The list may be filtered using the **Search** field.
- 2. Saved searches will be populated in the Open Search menu. Select the desired **search**.
- 3. A new search may be created using the **New Saved Search** option.

Index Patterns

Navigation



Navigate to the Stack Management tab in the navigation pane.

Management	
Alerts and Insights \oslash	
Reporting	
Kibana ®	Ę
Advanced Settings	Welcome to Sta
	7.
	Manage your indices, index
	settings

Navigate to the Index Patterns link on the Management page.

Viewing Index Patterns

muer pattern	5	
Create and manage the inde	patterns that help you retrieve your data fr	rom
Elasticsearch.		
Q Search		
Pattern 个		
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Existing index patterns are listed. Select the desired pattern to view.

Creating An Index Pattern

Users may create index patterns to specify which Elasticsearch indices to explore in Kibana. For more information on creating index patterns, please visit https://www.elastic.co/guide/en/kibana/7.17/index-patterns.html.



Select the **Create index pattern** button to begin creating a new index pattern.

In the Change Index Pattern dropdown, enter the index name in the **Filter options** field. An index pattern can match the name of a single index or include a wildcard (*) to match multiple indices. The following characters are prohibited: \, /, ?, ", <, >, |.

If no existing index patterns are available, the Create Index Pattern page will be displayed upon selecting the Create Index Pattern button.

Create index pattern	No data streams, indices, or index aliases match your index pattern.
ic Use an asterisk (*) to match multiple characters. Spaces and the characters , /, ?, ", <, >, are not allowed. Timestamp field Select a timestamp field]
Hide advanced settings	
a. Custom index pattern ID a. Kibana provides a unique identifier for each index pattern, or you can create your own.]
x Close Create index pattern	1

- 1. Enter a name for the index pattern in the **Name** field. The name must match one or more data streams, indices, or index aliases.
- 2. A timestamp may be selected from the **Timestamp field** dropdown menu.
- 3. A unique identifier will be populated in the Custom index pattern ID field. This field may be edited to create a custom index pattern ID.
- 4. Select the **Create index pattern** button.