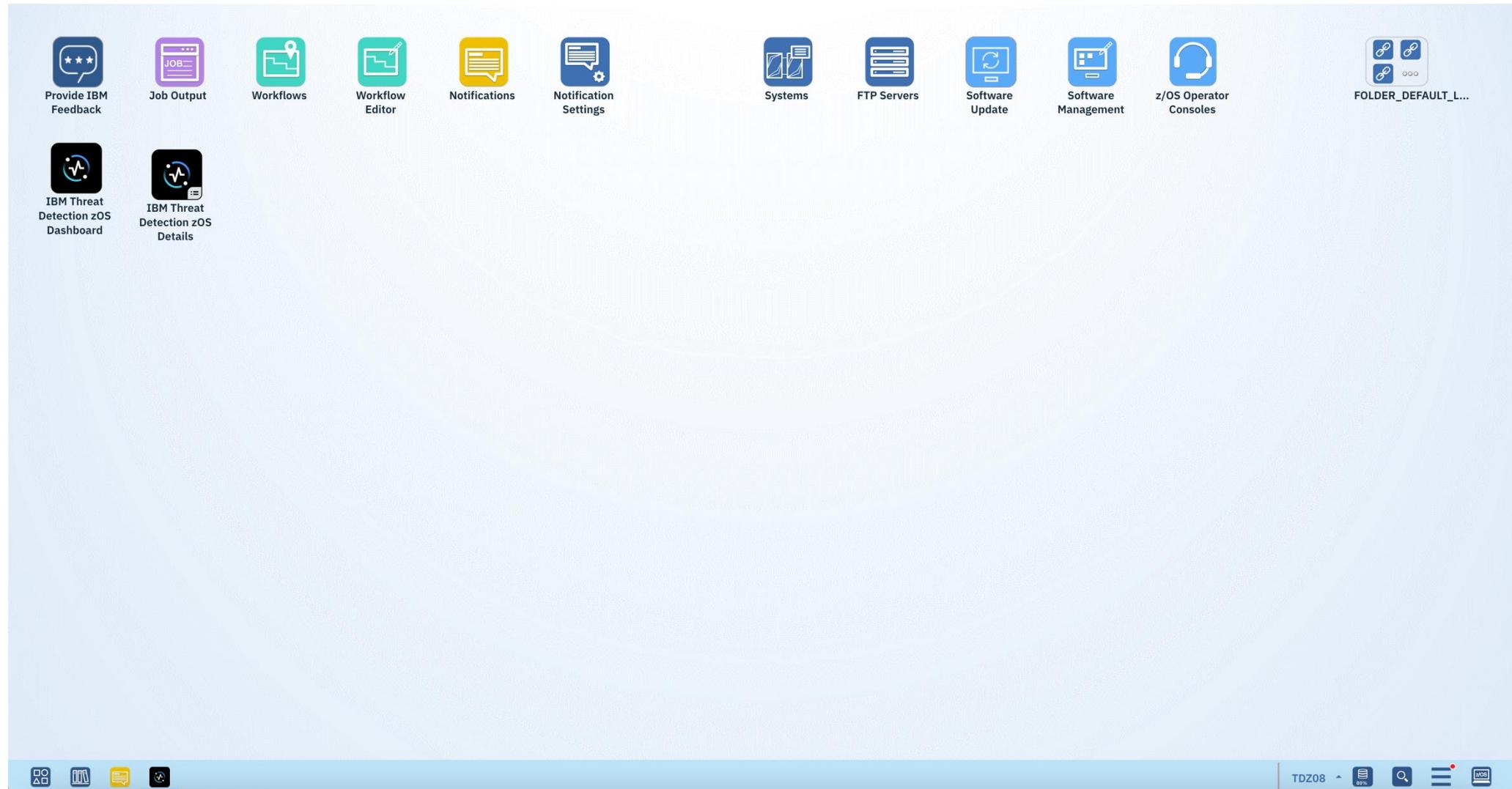


# z/OSMF plug-in for IBM TDz

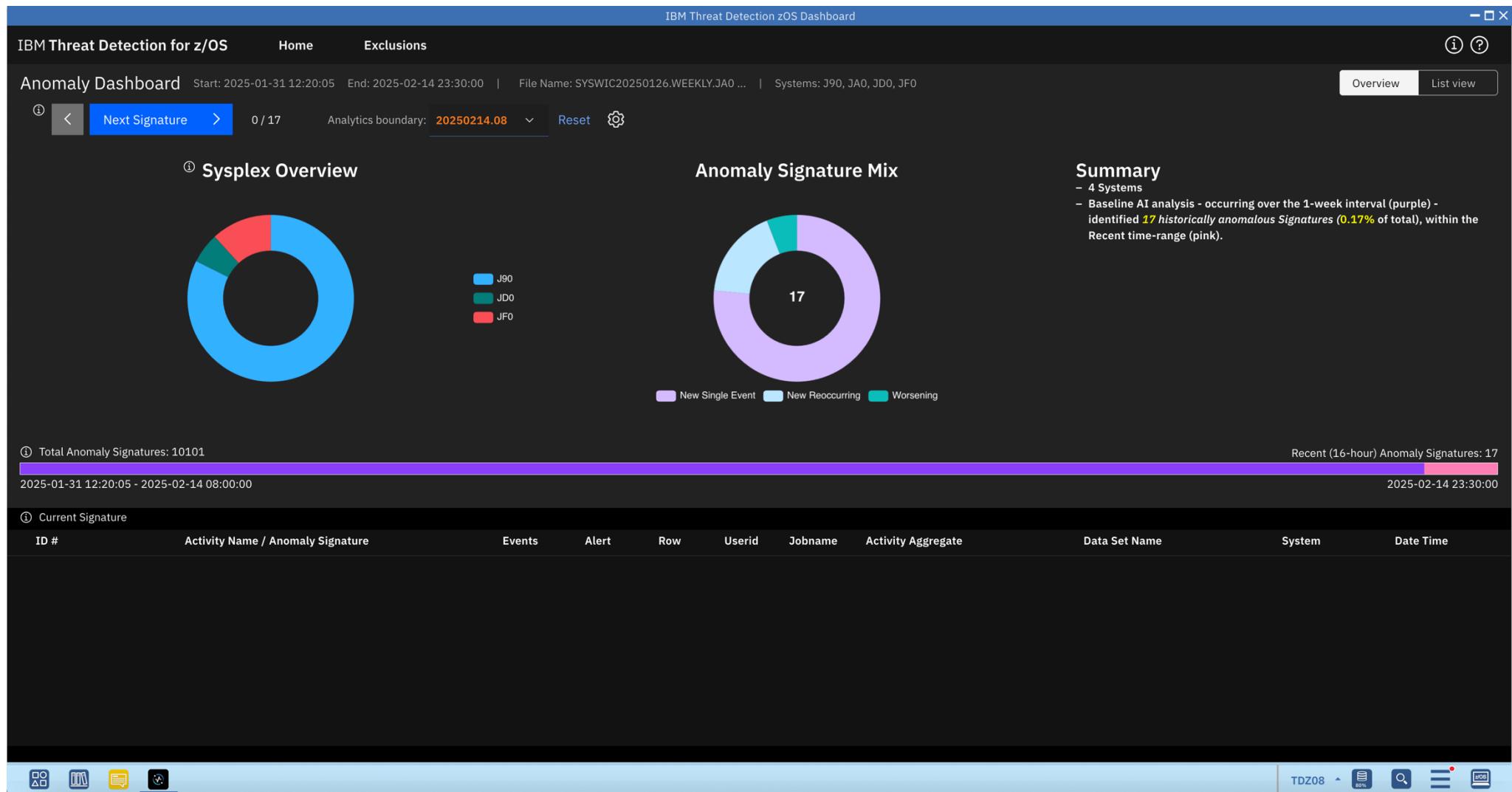
- 2 Icons / Apps for TDz

- Dashboard
- Details



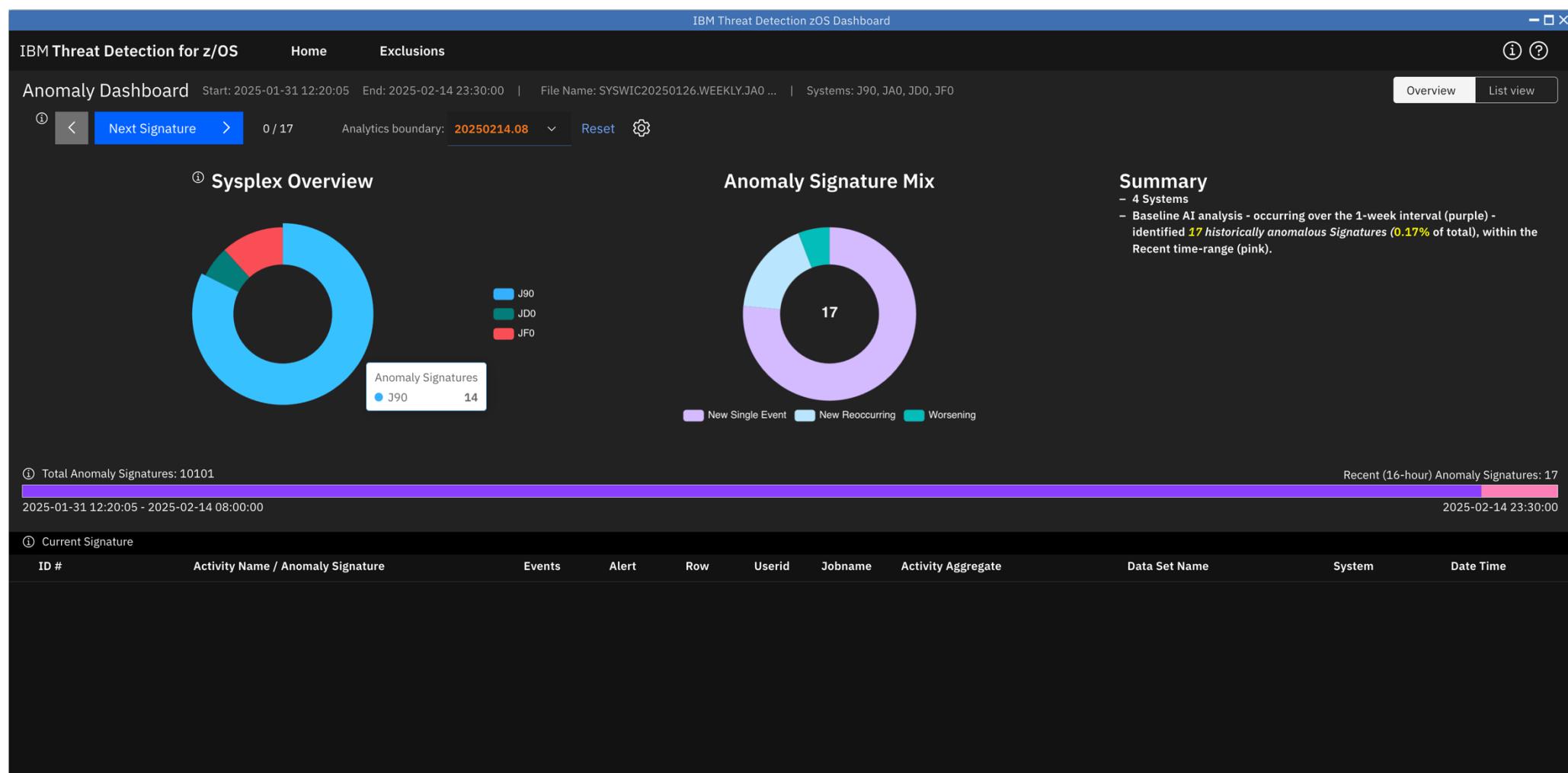
# TDz Dashboard – Overview

- Opens in a new window
- Shows anomaly signatures
  - LPAR view
  - Signature type view
- Summary information
- Boundary Date and Interval Display
- Includes Start and End time including Baseline
- No display of signature as counter is 0/17



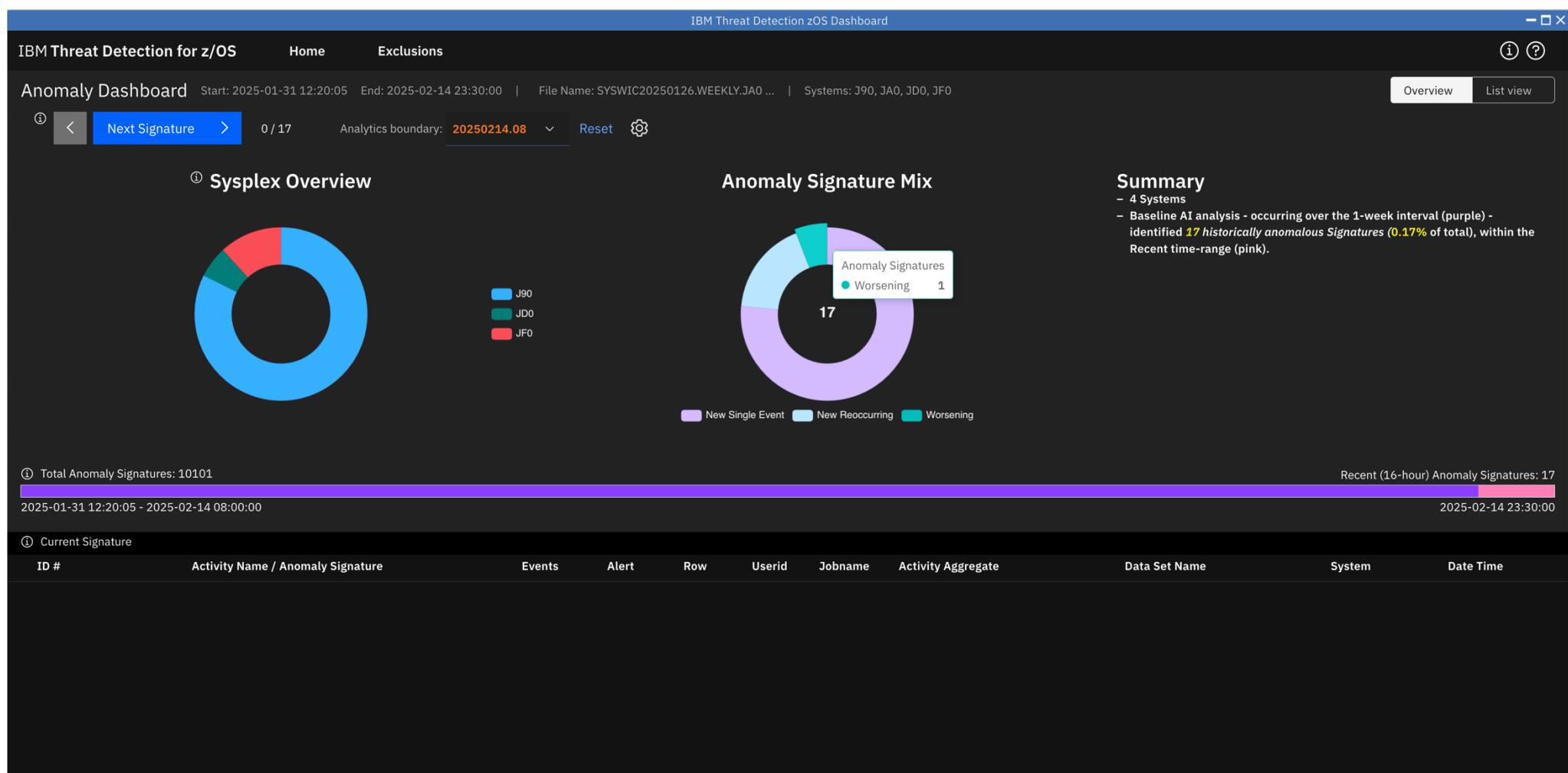
# TDz Dashboard – Overview

- Hovering over Sysplex Overview highlights anomaly signatures per LPAR



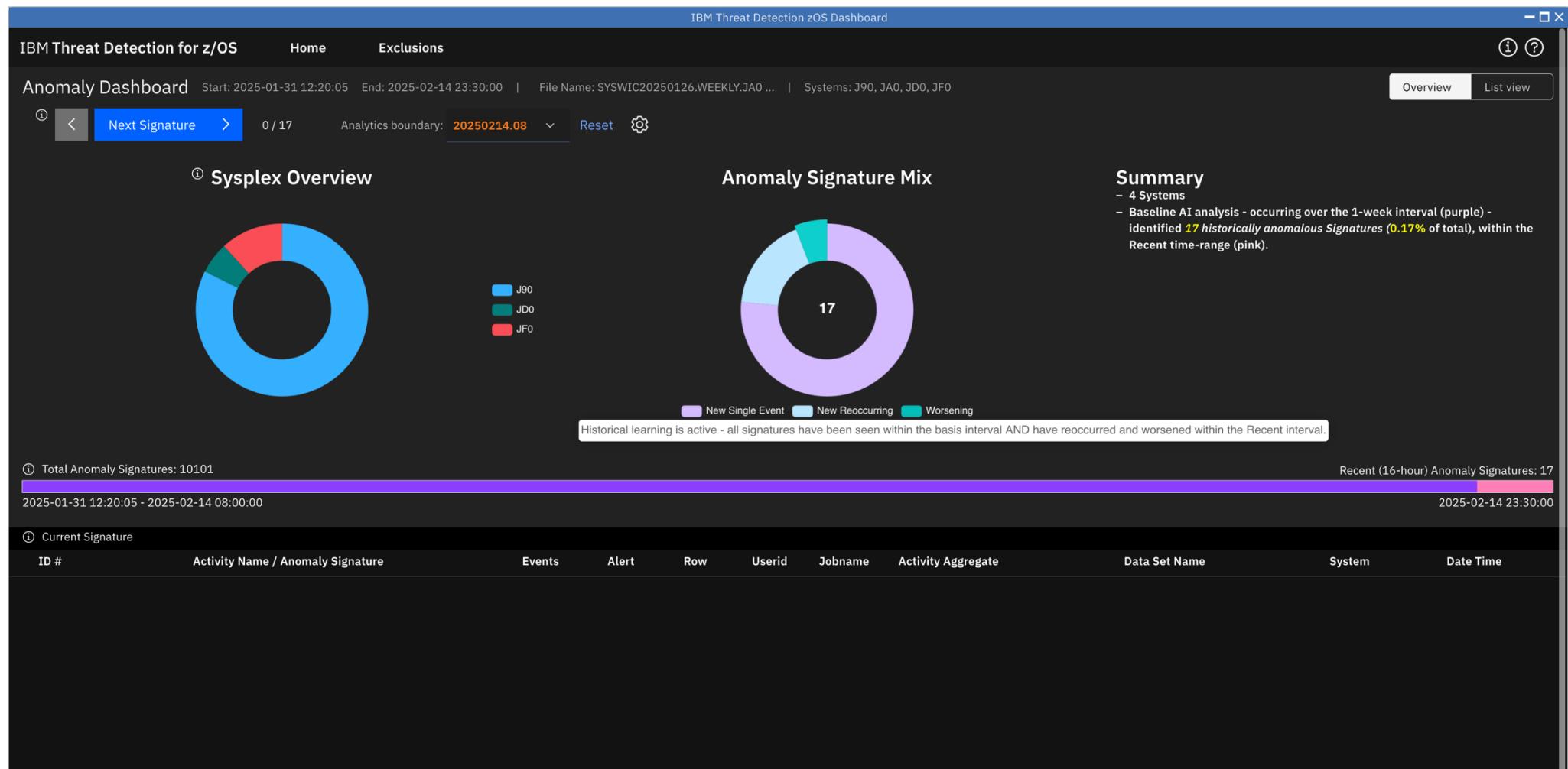
# TDz Dashboard – Overview

- Hovering over Anomaly Signature Mix highlights type of anomaly



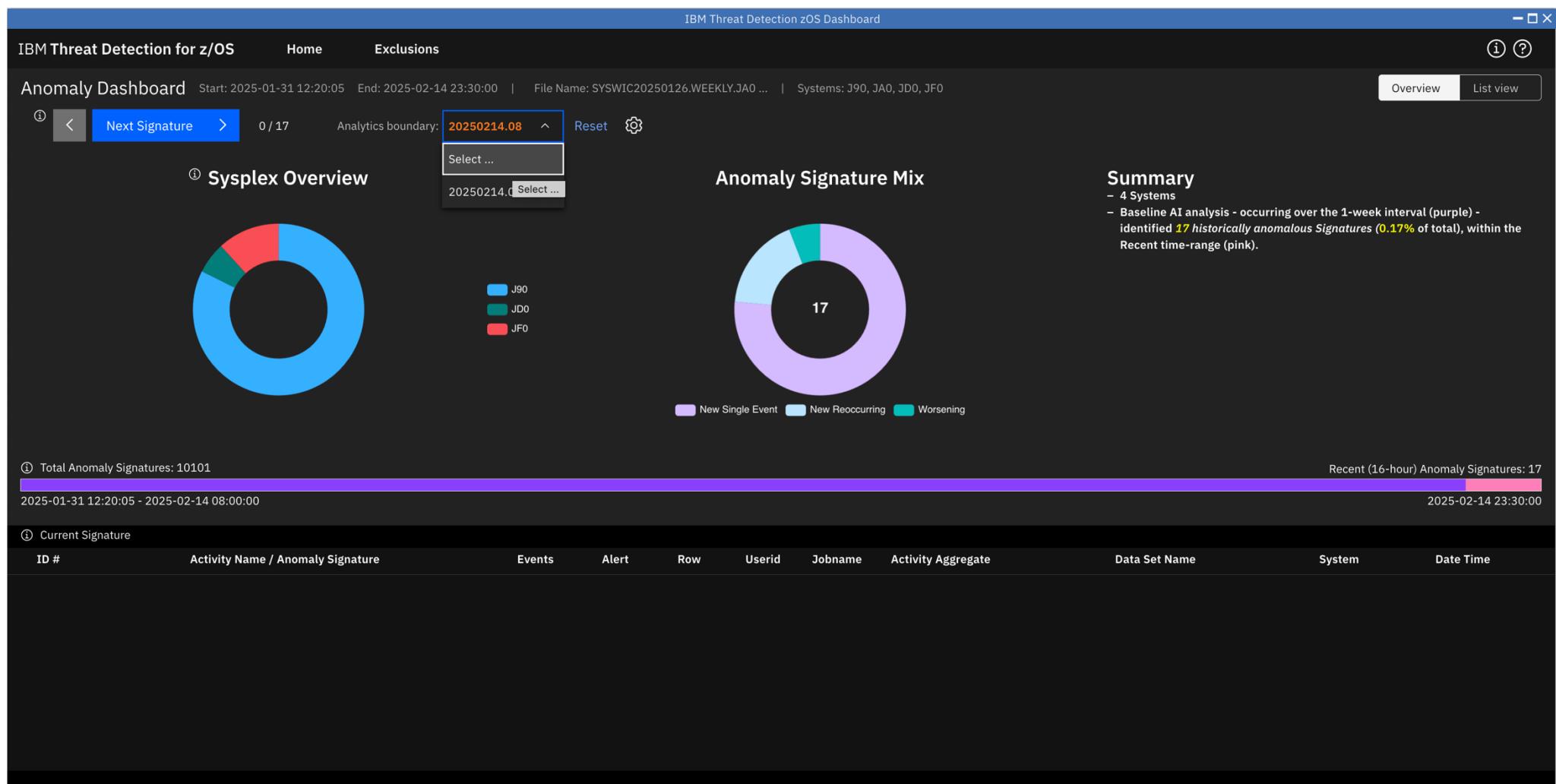
# TDz Dashboard – Overview

- Description of signature types
- New Single Event = have not been seen within the basis interval AND have occurred once in the recent interval
- New Reoccurring Event = have not been seen within the basis interval AND have reoccurred in the recent interval
- Worsening = see screen shot



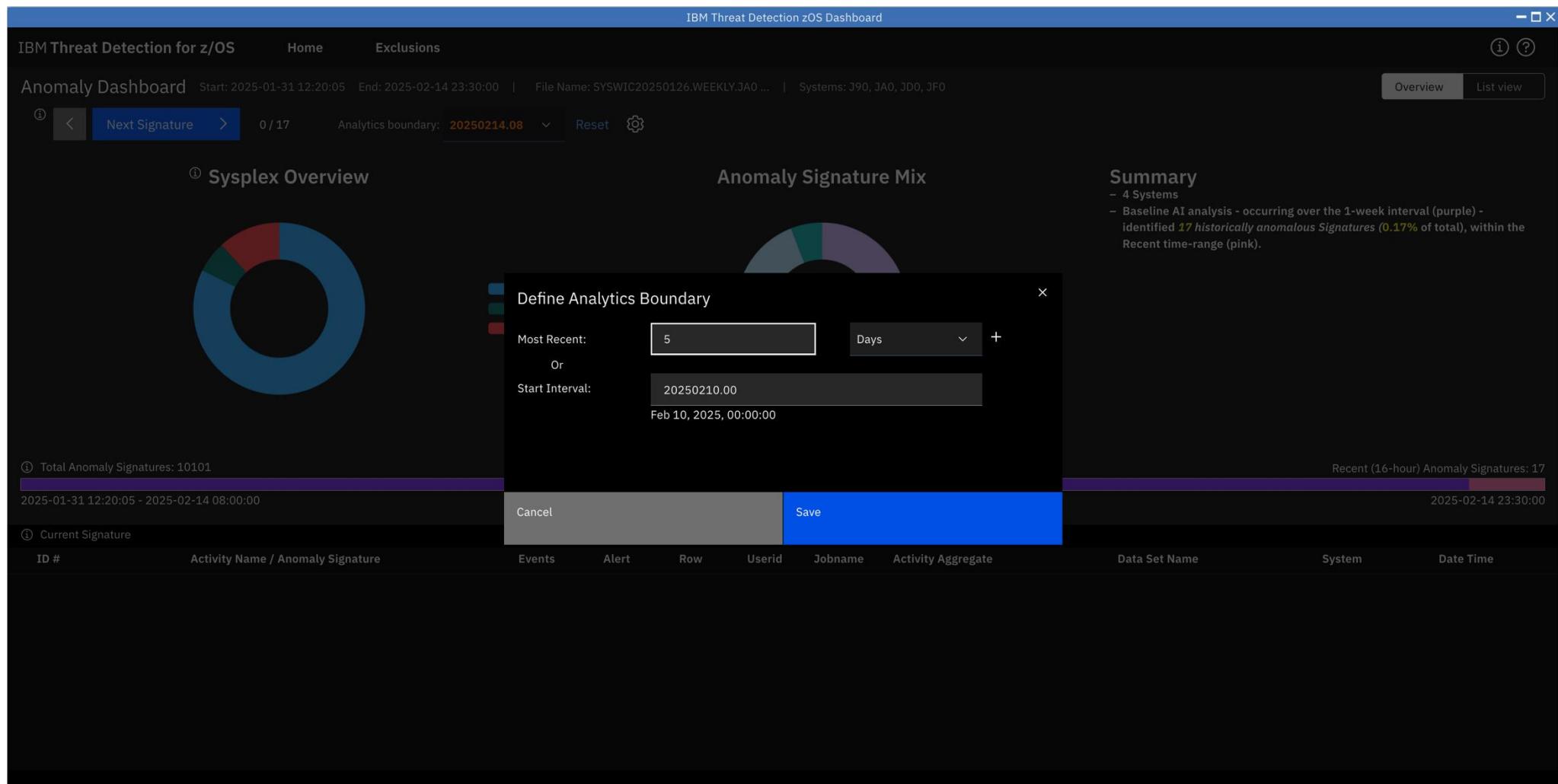
# TDz Dashboard – Overview

- Set Analytics Boundary



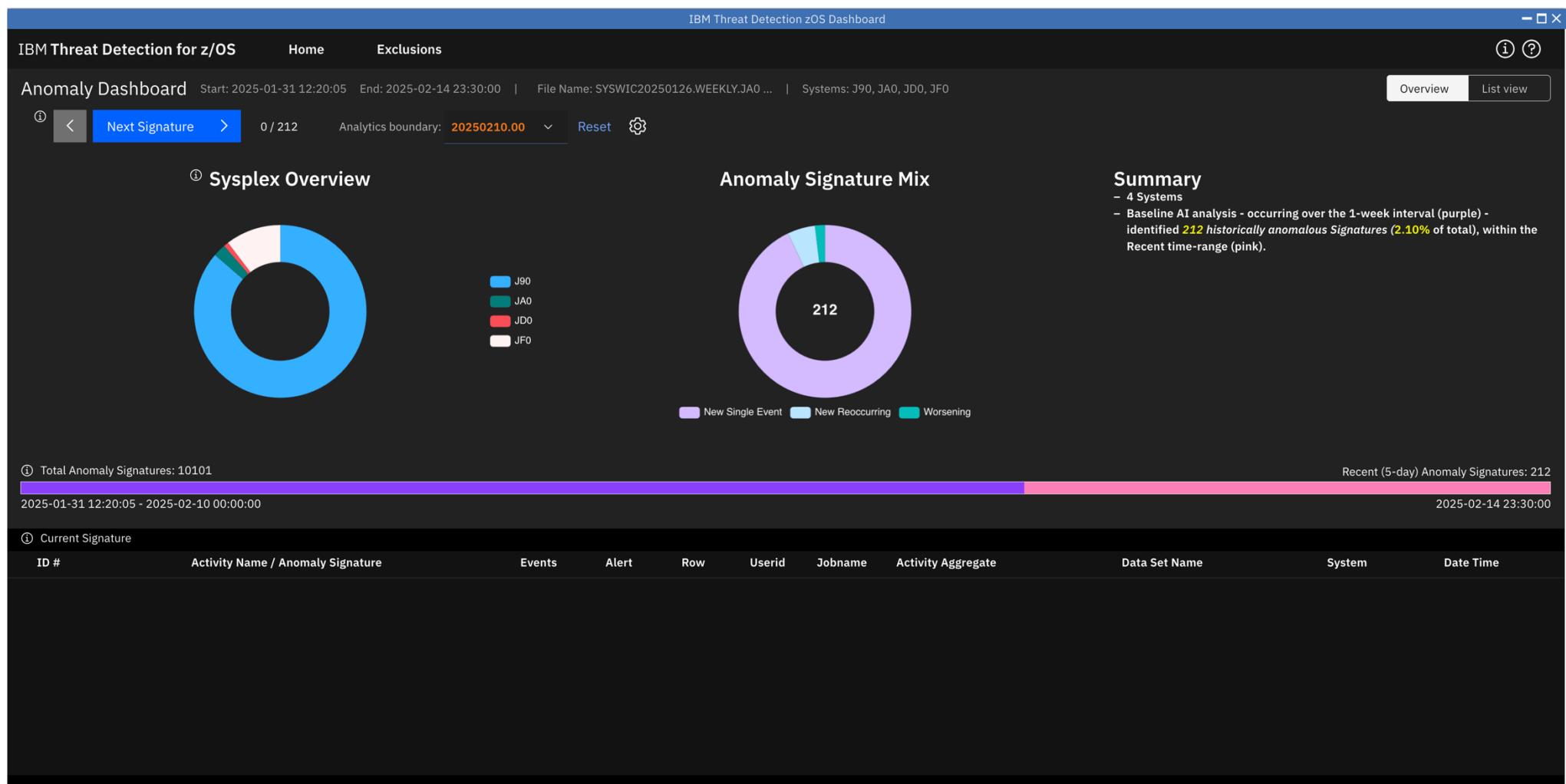
# TDz Dashboard – Overview

- Set Analytics Boundary
- Define most recent Interval



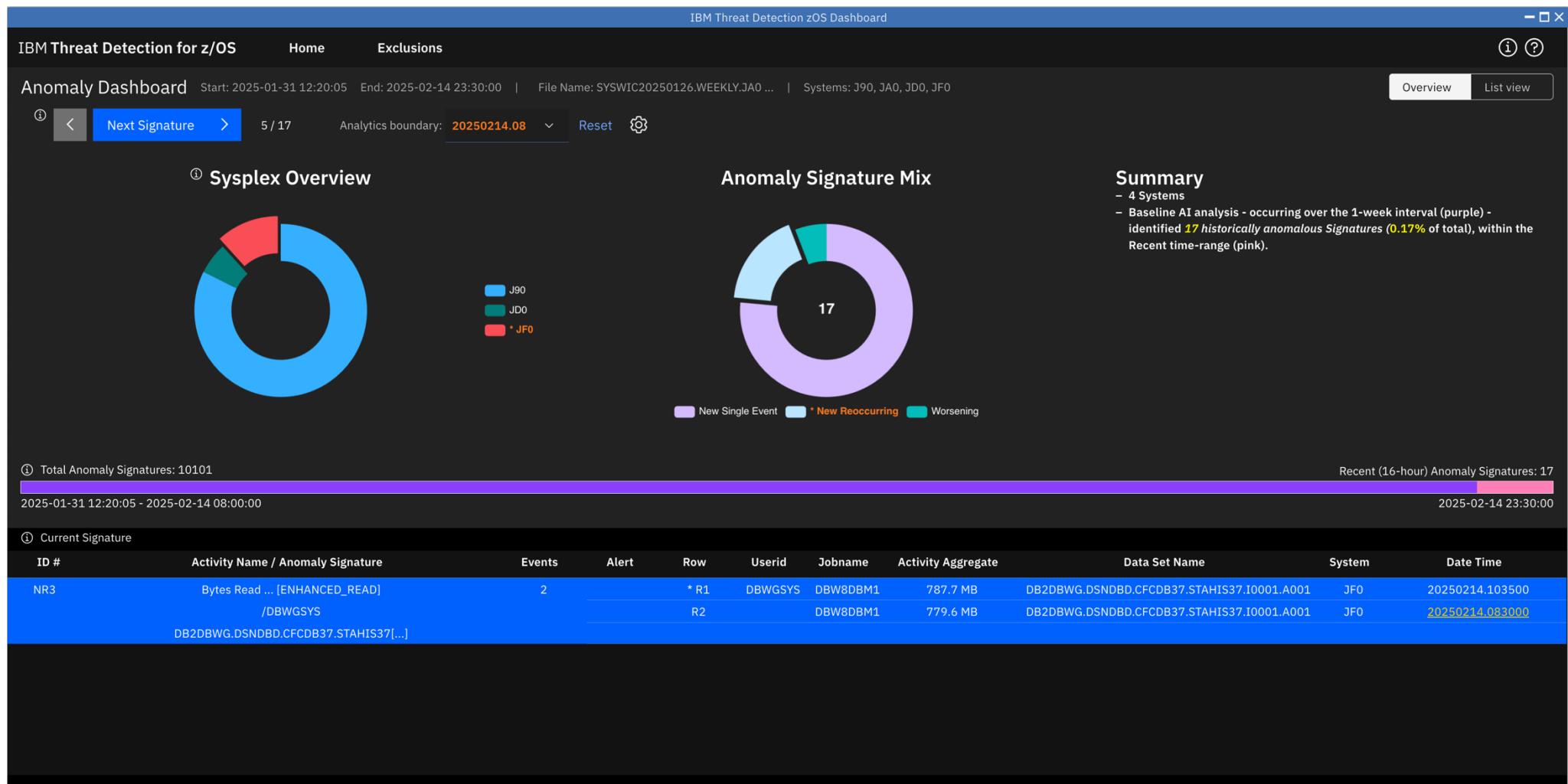
# TDz Dashboard – Overview

- Set Analytics Boundary
- Most Recent Interval enlarged
- Number of Signatures increased
- Additional LPAR JF0 shows up



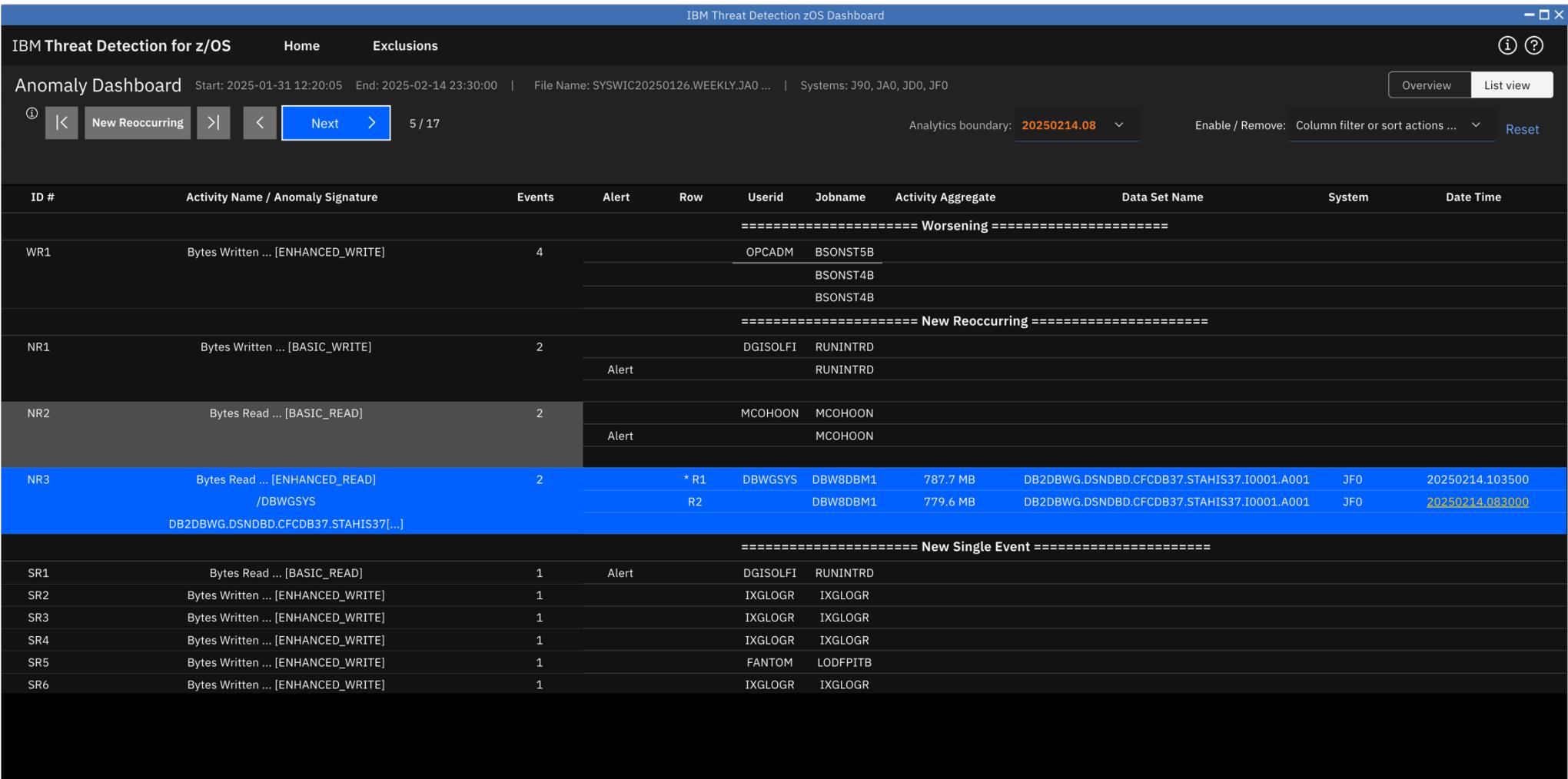
# TDz Dashboard – Overview

- Select a Signature 5 / 17
- Signature is made up of 2 events
- Underlined Date Time entry leads to detailed analysis
- Change to List View



# TDz Dashboard – List View

- Same signature presented on list view



IBM Threat Detection zOS Dashboard

Anomaly Dashboard Start: 2025-01-31 12:20:05 End: 2025-02-14 23:30:00 | File Name: SYSWIC20250126.WEEKLY.JAO ... | Systems: J90, JA0, JD0, JF0

Overview List view

Analytics boundary: 20250214.08

Enable / Remove: Column filter or sort actions ... Reset

ID #	Activity Name / Anomaly Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name	System	Date Time
WR1	Bytes Written ... [ENHANCED_WRITE]	4			OPCADM	BSONST5B				
					BSONST4B					
					BSONST4B					
NR1	Bytes Written ... [BASIC_WRITE]	2			DGISOLFI	RUNINTRD				
			Alert			RUNINTRD				
NR2	Bytes Read ... [BASIC_READ]	2			MCOHOON	MCOHOON				
			Alert			MCOHOON				
NR3	Bytes Read ... [ENHANCED_READ] /DBWGSYS DB2DBWG.DSNDBD.CFCDB37.STAHIS37[...]	2		* R1	DBWGSYS	DBW8DBM1	787.7 MB	DB2DBWG.DSNDBD.CFCDB37.STAHIS37.10001.A001	JF0	20250214.103500
				R2		DBW8DBM1	779.6 MB	DB2DBWG.DSNDBD.CFCDB37.STAHIS37.10001.A001	JF0	20250214.083000
SR1	Bytes Read ... [BASIC_READ]	1	Alert		DGISOLFI	RUNINTRD				
SR2	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				
SR3	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				
SR4	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				
SR5	Bytes Written ... [ENHANCED_WRITE]	1			FANTOM	LODFPITB				
SR6	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				

# TDz Dashboard – List View

- Select Date Time field
- Indication of the upcoming processing of a specific file

IBM Threat Detection zOS Dashboard

Anomaly Dashboard Start: 2025-01-31 12:20:05 End: 2025-02-14 23:30:00 | File Name: SYSWIC20250126.WEEKLY.JAO ... | Systems: J90, JAO, JDO, JF0

Overview List view

Analytics boundary: 20250214.08

Enable / Remove: Column filter or sort actions ... Reset

ID #	Activity Name / Anomaly Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name	System	Date Time
WR1	Bytes Written ... [ENHANCED_WRITE]	4			OPCADM	BSONST5B	===== Worsening =====			
					BSONST4B					
					BSONST4B					
NR1	Bytes Written ... [BASIC_WRITE]						===== New Reoccurring =====			
NR2	Bytes Read ... [BASIC_READ]									
NR3	Bytes Read ... [ENHANCED_READ] /DBWGSYS									
	DB2DBWG.DSNDBD.CFCDB37.STAHIS37[...]									
SR1	Bytes Read ... [BASIC_READ]	1	Alert		DGISOLFI	RUNINTRD	===== New Single Event =====			
SR2	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				
SR3	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				
SR4	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				
SR5	Bytes Written ... [ENHANCED_WRITE]	1			FANTOM	LODFPITB				
SR6	Bytes Written ... [ENHANCED_WRITE]	1			IXGLOGR	IXGLOGR				

IBM Threat Detection for z/OS

Launch Anomaly Detail to Analyze SYSWIC20250214.08.024.JF0 in new browser window.

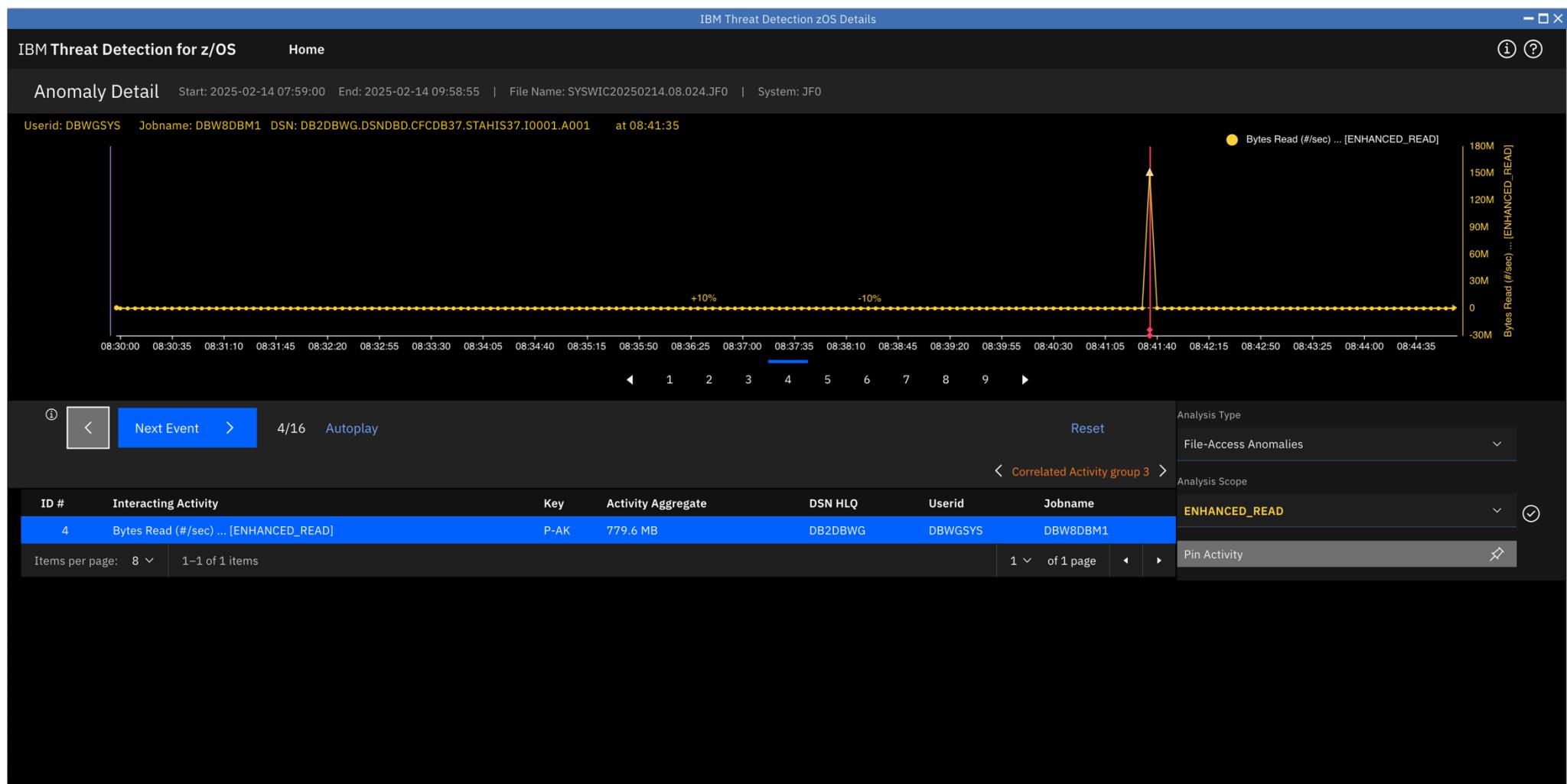
Cancel OK

VG.DSNDBD.CFCDB37.STAHIS37.I0001.A001 JF0 20250214.103500

DB2DBWG.DSNDBD.CFCDB37.STAHIS37.I0001.A001 JF0 20250214.083000

# TDz Detail View

- Event ID = 4
- Belongs to Correlated Activity Group 3
- Red mark points to anomaly
- But no alert connected with this anomaly



# TDz Dashboard – List View

- Back to List View
- Filter on Alerts
- Alert Radio  
Button appears

# TDz Dashboard – List View

- Select Alert Radio Button
- Only Signatures which generated an alert

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS Home Exclusions

Anomaly Dashboard Start: 2025-01-31 12:20:05 End: 2025-02-14 23:30:00 | File Name: SYSWIC20250126.WEEKLY.JAO ... | Systems: J90, JAO, JDO, JFO

Analytics boundary: 20250214.08 🔒 Enable / Remove: Column filter or sort actions ... Reset

Overview List view

Alert:  Only the signatures with alert are included in the Inspector progression, when checked.

ID #	Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name	System	Date Time
===== Worsening =====										
===== New Reoccurring =====										
NR1	Bytes Written ... [BASIC_WRITE] /DGISOLFI BPTEST[...]	2	* R1 Alert	R1 R2	DGISOLFI RUNINTRD	RUNINTRD	11.3 GB 5.9 GB	BPTEST.APP.SOR4.DATA BPTEST.APP.SOR3.DATA	J90 J90	20250214.121500 20250214.121000
NR2	Bytes Read ... [BASIC_READ]	2			MCOHOON	MCOHOON				
===== New Single Event =====										
SR1	Bytes Read ... [BASIC_READ]	1	Alert		DGISOLFI	RUNINTRD				

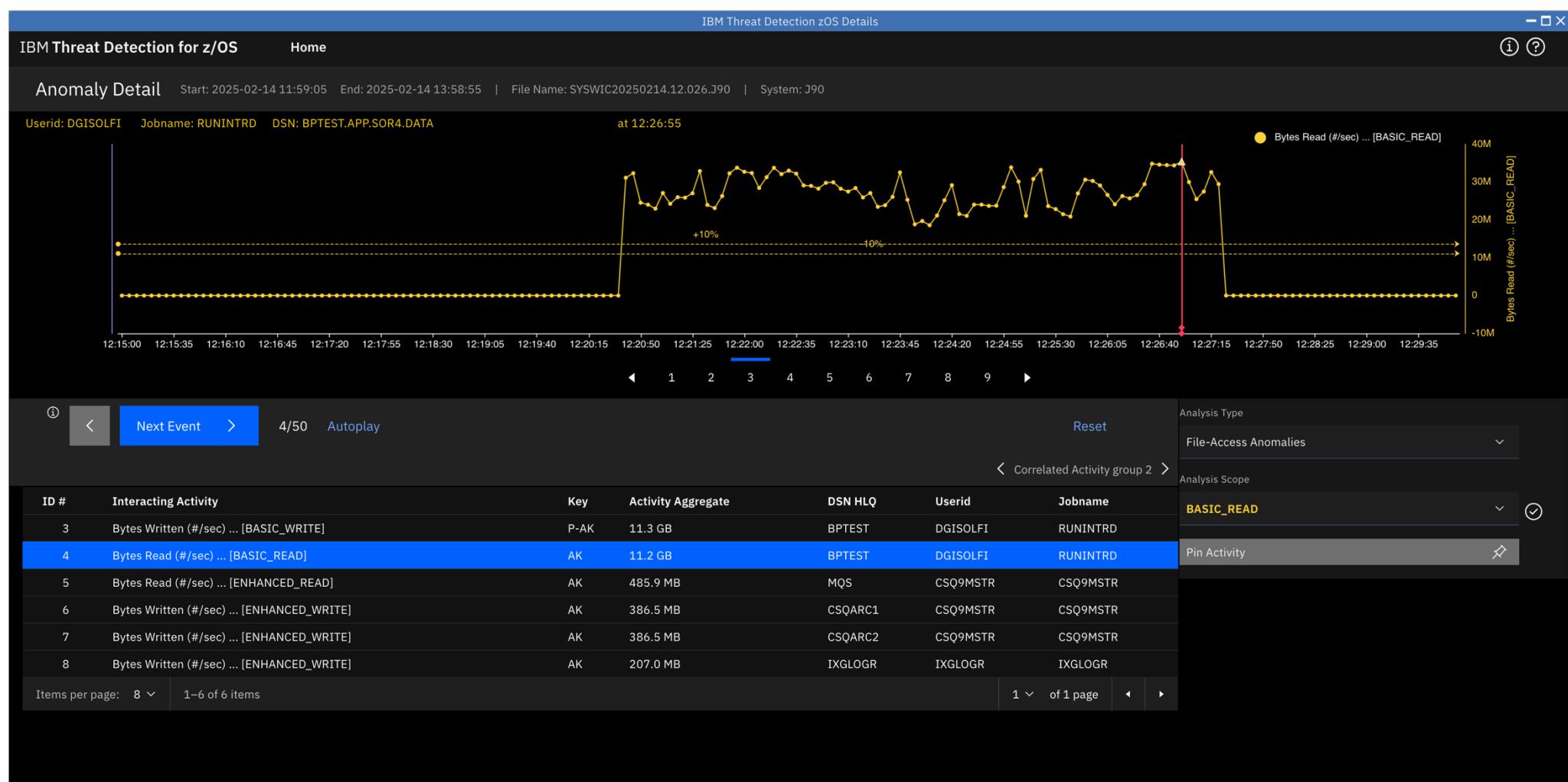
# TDz Detail View

- 50 individual events have resulted in an alert
- All events belong to Correlated Activity Group 2
- Look at the 6 events in this list



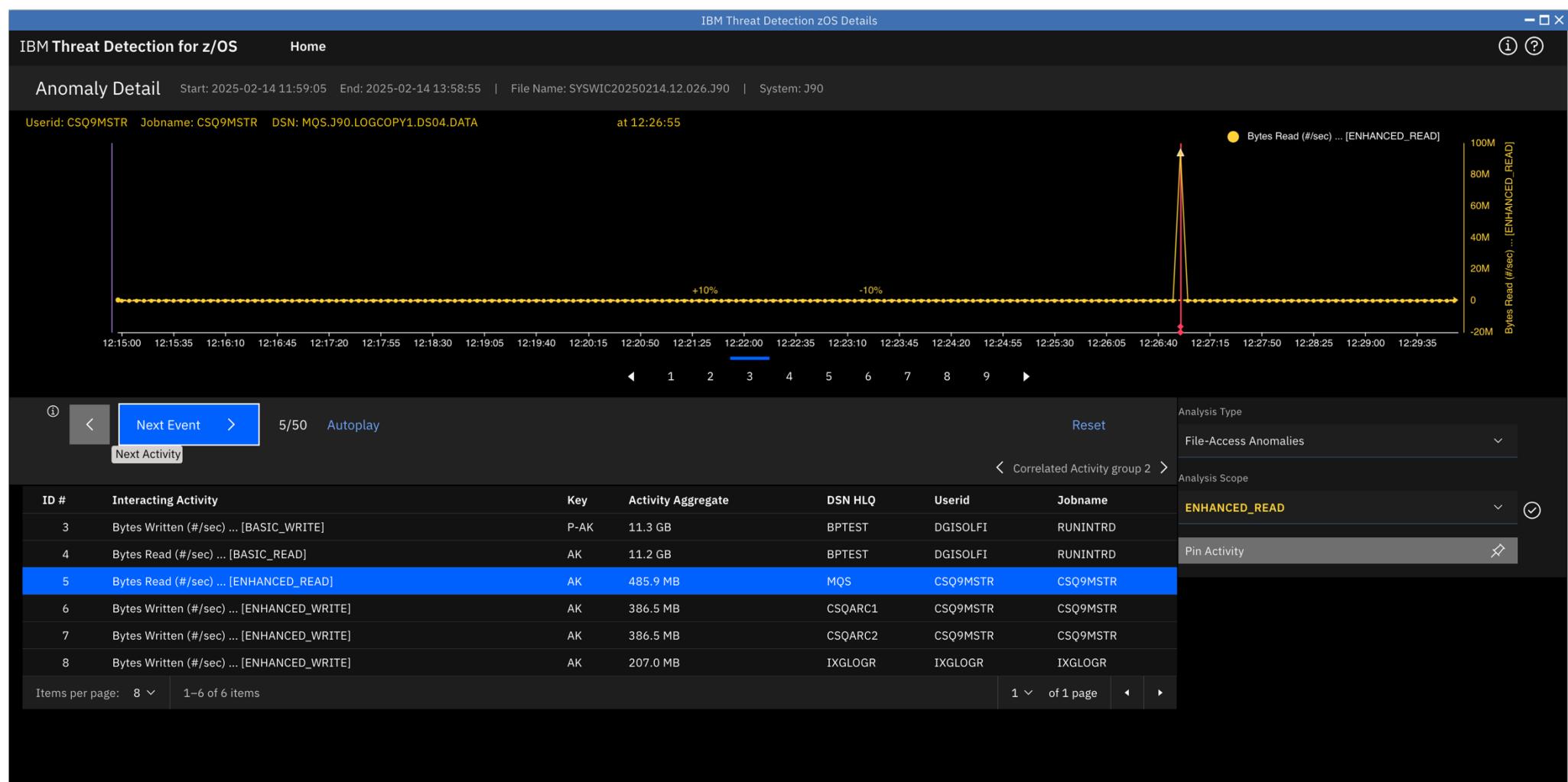
# TDz Detail View

## ■ View next Event



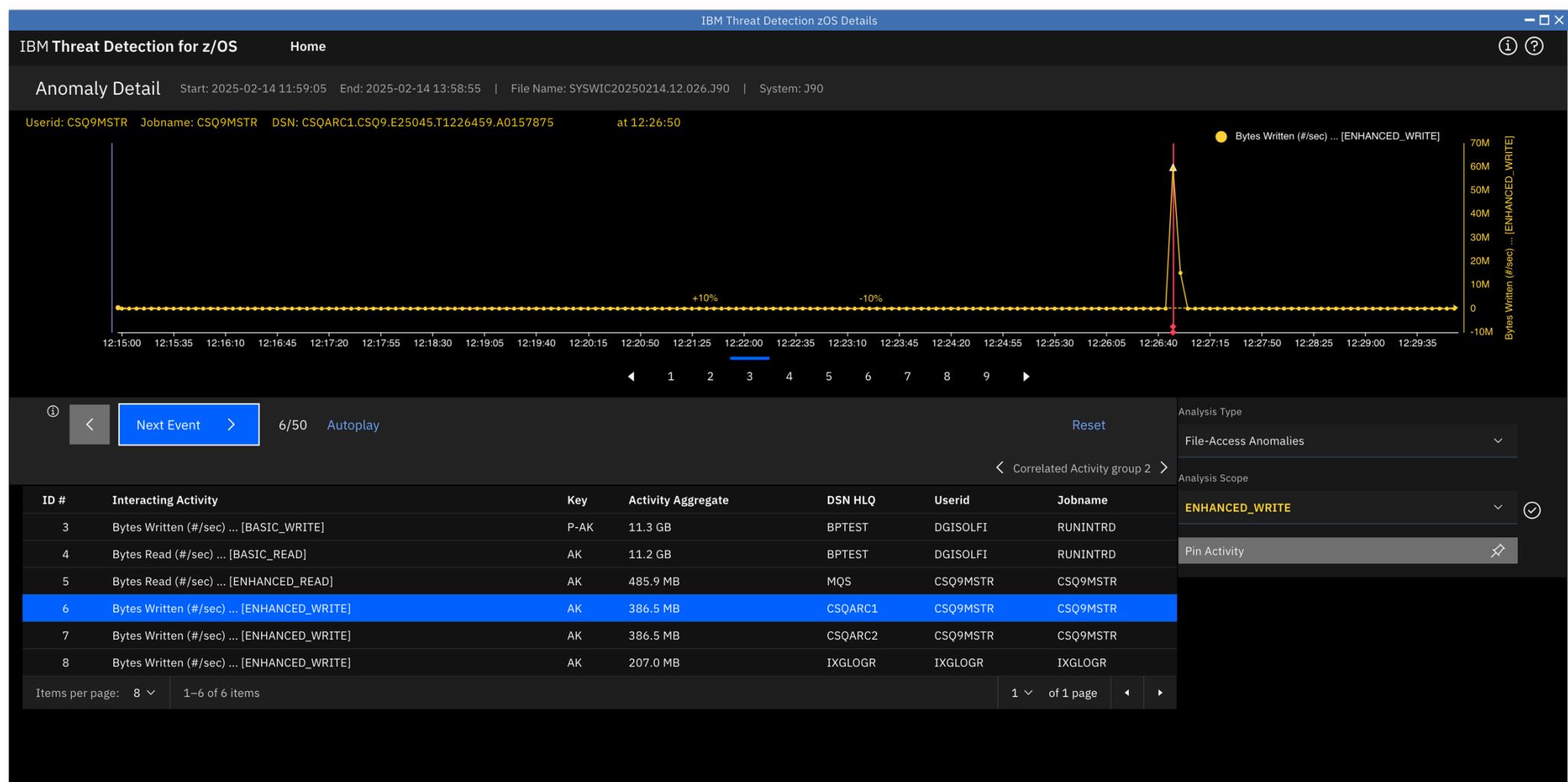
# TDz Detail View

- View next Event
- Different pattern but red marker at the same time



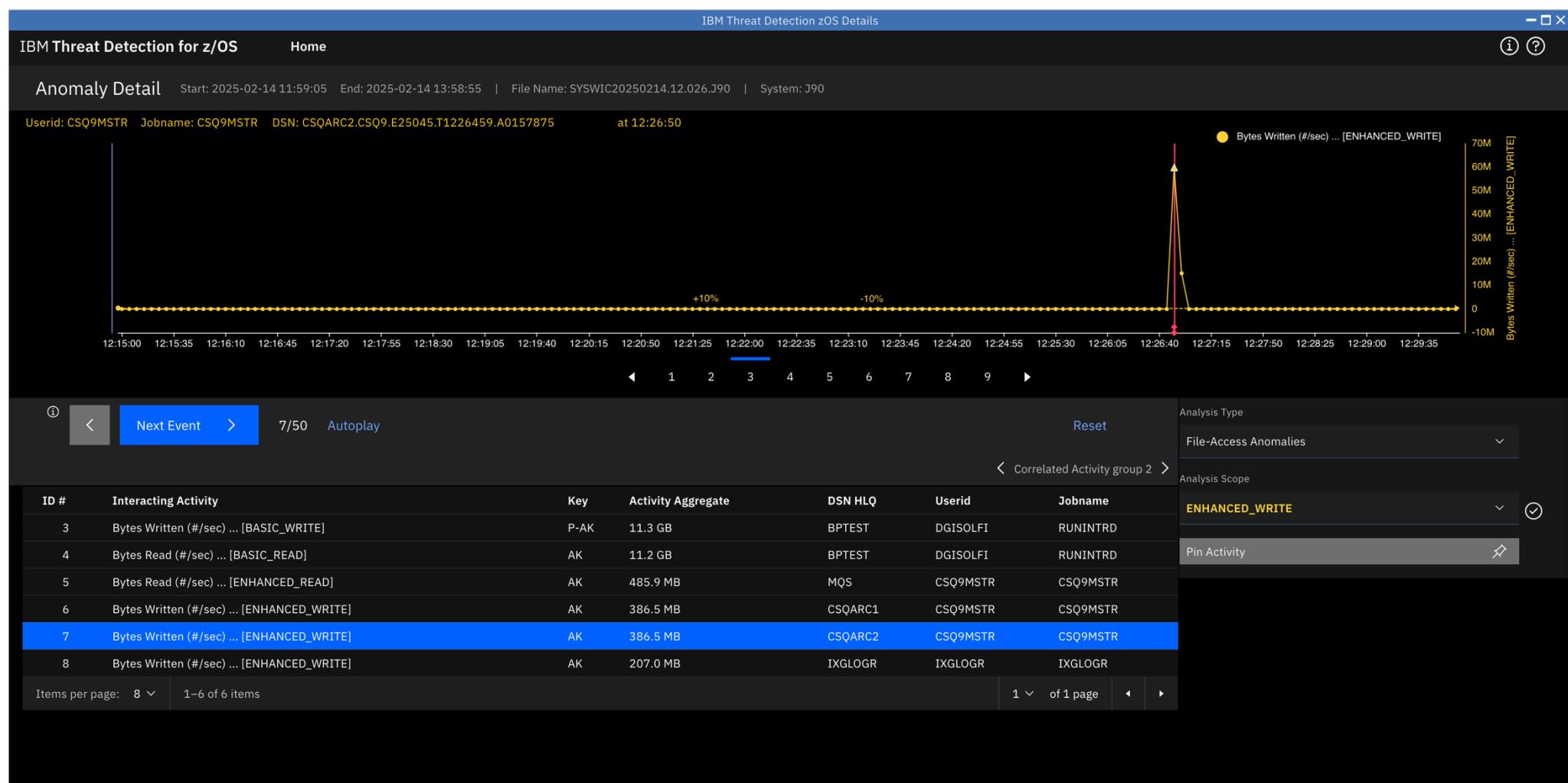
# TDz Detail View

## ■ View next Event



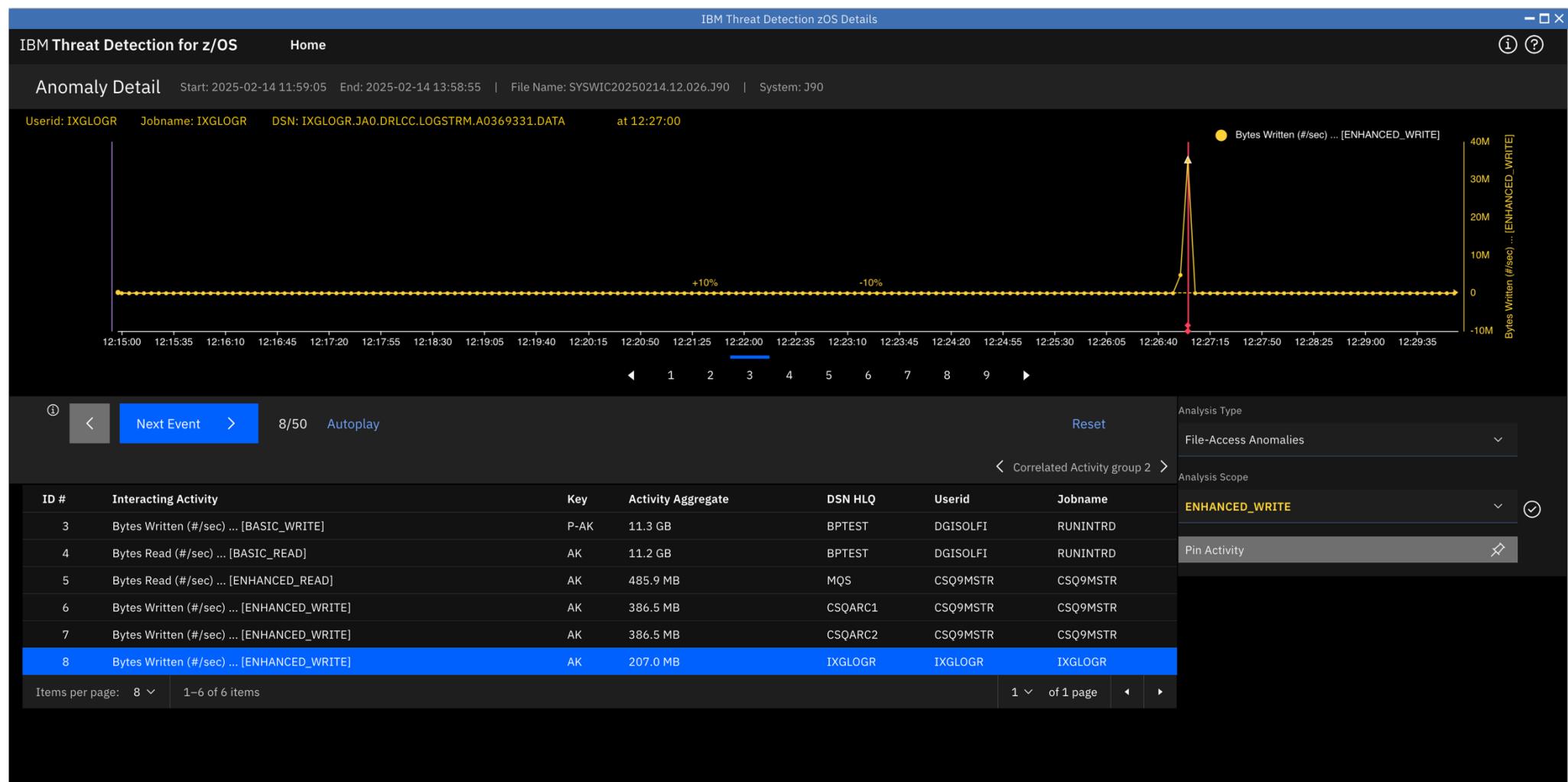
# TDz Detail View

## ■ View next Event



# TDz Detail View

- View last Event
- Different
  - Patterns
  - Files
  - UserIds
  - Jobnames
- At almost the same time
- But may be a false positive?
- However event #3 and #4 are highly suspicious
- Let's look at another alert



# TDz Dashboard – List View

- Back to List View
- Another alert for the same user and the same job name
- But accessed another dataset
- Go to details

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS      Home      Exclusions

Anomaly Dashboard   Start: 2025-01-31 12:20:05   End: 2025-02-14 23:30:00   File Name: SYSWIC20250126.WEEKLY.JAO ...   Systems: J90, JAO, JDO, JFO

Analytics boundary: 20250214.08   Enable / Remove: Column filter or sort actions ...   Reset

Alert:

ID #	Activity Name / Anomaly Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name	System	Date Time
							===== Worsening =====			
							===== New Reoccurring =====			
NR1	Bytes Written ... [BASIC_WRITE]	2			DGISOLFI	RUNINTRD				
			Alert				RUNINTRD			
NR2	Bytes Read ... [BASIC_READ]	2			MCOHOON	MCOHOON				
			Alert				MCOHOON			
							===== New Single Event =====			
SR1	Bytes Read ... [BASIC_READ] /DGISOLFI BPTEST[...]	1	Alert	*	DGISOLFI	RUNINTRD	19.0 GB	BPTEST.APP.SOR.DATA	J90	20250214.120000

# TDz Dashboard – List View

- Further filtering on UserId to see all signatures for this specific UserId could be useful

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS Home Exclusions

Anomaly Dashboard Start: 2025-01-31 12:20:05 End: 2025-02-14 23:30:00 | File Name: SYSWIC20250126.WEEKLY.JAO ... | Systems: J90, JAO, JDO, JFO

Analytics boundary: 20250214.08  Enable / Remove:

Alert:  UserId: **DGIS**  2 / 2

ID #	Activity Name / Anomaly Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name
===== Worsening =====								
===== New Reoccurring =====								
NR1	Bytes Written ... [BASIC_WRITE] /DGISOLFI BPTEST[...]	2	Alert	* R1 R2	DGISOLFI	RUNINTRD	11.3 GB 5.9 GB	BPTEST.APP.SOR4.DATA BPTEST.APP.SOR3.DATA
===== New Single Event =====								
SR1	Bytes Read ... [BASIC_READ]	1	Alert		DGISOLFI	RUNINTRD		

Column filter or sort actions ...

\* Activity Name

Activity Aggregate

Alert

Date Time

Jobname

Systems

Userid

Userid

# TDz Dashboard – List View

- Now select SR1

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS    Home    Exclusions    ⓘ ⓘ

Anomaly Dashboard    Start: 2025-01-31 12:20:05    End: 2025-02-14 23:30:00    File Name: SYSWIC20250126.WEEKLY.JAO ...    Systems: J90, JA0, JD0, JFO    Overview    List view

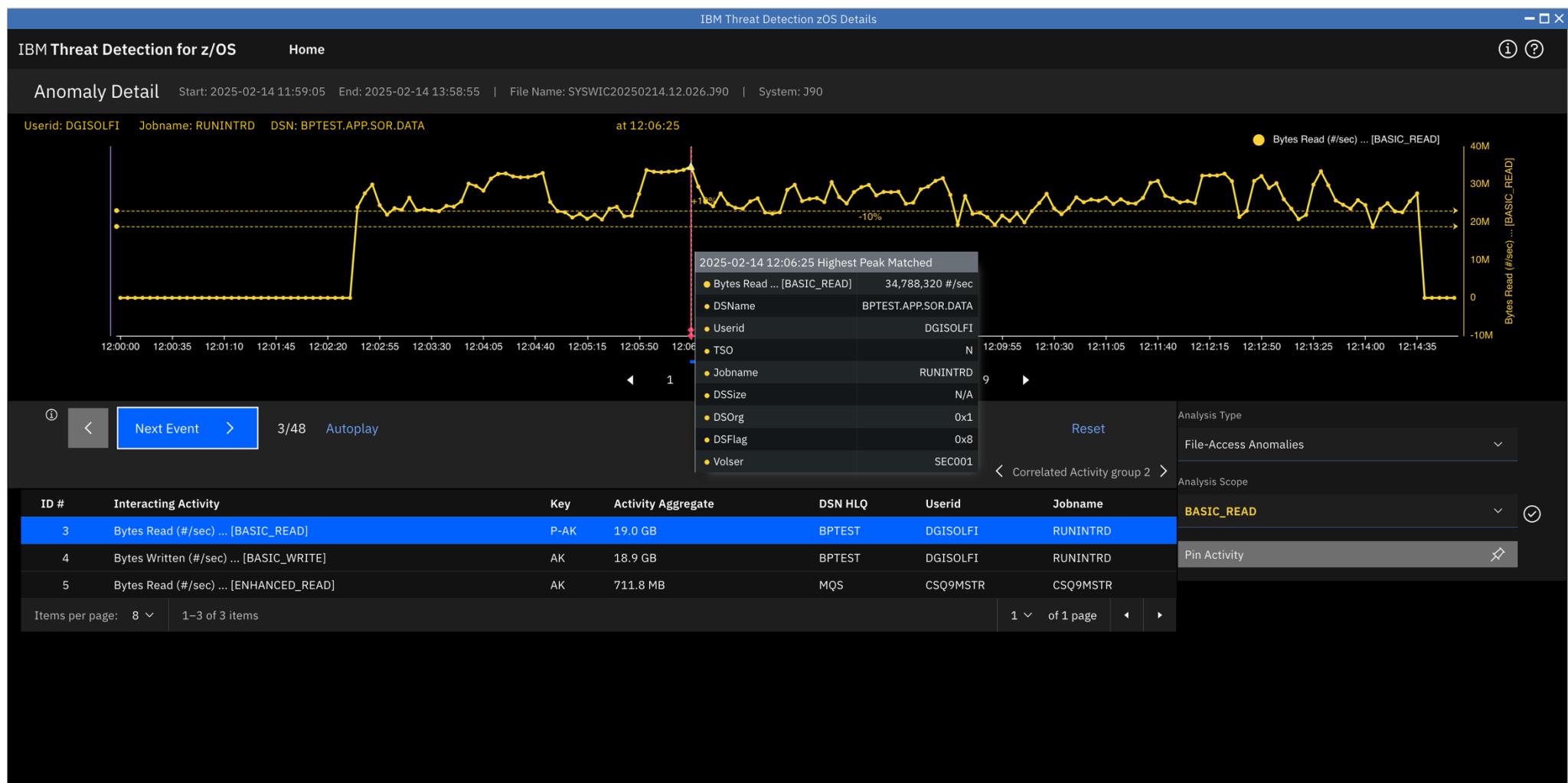
① K New Single Event > < Next > 1 / 2    Analytics boundary: 20250214.08    Enable / Remove: Column filter or sort actions ...    Reset

Alert:  Userid: **DGIS**    ▾

ID #	Activity Name / Anomaly Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name	System	Date Time
							===== Worsening =====			
							===== New Reoccurring =====			
NR1	Bytes Written ... [BASIC_WRITE]	2			DGISOLFI	RUNINTRD				
			Alert			RUNINTRD				
							===== New Single Event =====			
SR1	Bytes Read ... [BASIC_READ] /DGISOLFI BPTEST[...]	1	Alert	*	DGISOLFI	RUNINTRD	19.0 GB	BPTEST.APP.SOR.DATA	J90	20250214.120000

# TDz Detail View

- Similar event occurred 20 minutes earlier already
- Hover over red marker for more information
- Investigate user and job
- Probably take immediate action



# TDz Dashboard – Exclusions

- Reducing false positives with exclusions

IBM Threat Detection zOS Dashboard

Anomaly Dashboard Start: 2025-01-31 12:20:05 End: 2025-02-14 23:30:00 | File Name: SYSWIC20250126.WEEKLY.JAO ... | Systems: J90, JA0, JDO, JFO

Analytics boundary: 20250214.08

Enable / Remove: Column filter or sort actions ...

Overview List view

Reset

ID #	Activity Name / Anomaly Signature	Events	Alert	Row	Userid	Jobname	Activity Aggregate	Data Set Name	System	Date Time
NR1	Bytes Written ... [BASIC_WRITE]	2	Alert		DGISOLFI	RUNINTRD	==== Worsening =====			
SR1	Bytes Read ... [BASIC_READ]	1	Alert	*	DGISOLFI	RUNINTRD	19.0 GB	BPTEST.APP.SOR.DATA	J90	20250214.120000

# TDz Dashboard – Exclusions

- Opens exclusions tab
- Suggestion list organized in 2 groups
  - userid.jobname
  - HLQ + userid.jobname
- Signatures Column shows the total number of unique signatures matched with the entry
- Scroll down to a high number of signatures

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS Home Exclusions

Exclusions You can help to improve the quality of the IBM TDz analytics with the exclusion list. Consider adding the following suggested exclusions to your list by using the check box on each row. Or you can edit the list directly by clicking Edit Exclusion List.

Edit exclusion list

	Exclusion Value	Signatures	Activity Type	Jobname	UserID	Data Set Name	Activity Aggregate
<hr/> <b>===== userID.jobname =====</b>							
<hr/> <b>===== HLQ + userID.jobname =====</b>							
▼ <input type="checkbox"/>	HLQ + userID.jobname: IMSVS.MPR8TN00.*.ENHANCED_WRITE	22	[ENHANCED_WRITE]	AS123400	MPR8TN00	IMSVS.IMSA.D2025031.T1232142.V7ATRCS	2.27 GB
			[ENHANCED_WRITE]	AS135941	MPR8TN00	IMSVS.IMS8.D2025031.T1358214.V3ETRCS	3.07 GB
			[ENHANCED_WRITE]	AS151438	MPR8TN00	IMSVS.IMS8.D2025034.T1512538.V92TRCS	3.23 GB
▼ <input type="checkbox"/>	HLQ + userID.jobname: CANDLE.OMEGADM.*.ENHANCED_READ	23	[ENHANCED_READ]	JA56TMS	OMEGADM	CANDLE.PLEX1.JA56RT.HPD20002.D	259.94 MB
			[ENHANCED_READ]	JA56TMS	OMEGADM	CANDLE.PLEX1.JA56RT.HPD20001.D	199.01 MB
			[ENHANCED_READ]	JA56TMS	OMEGADM	CANDLE.PLEX1.JA56RT.HPD20003.D	536.89 MB
^ <input type="checkbox"/>	HLQ + userID.jobname: CSQARC1.CSQ9MSTR.*.ENHANCED_WRITE	6	[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC1.CSQ9.E25032.T0723581.A0154710	370.83 MB
			[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC1.CSQ9.E25032.T0801092.A0154717	392.83 MB
			[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC1.CSQ9.E25032.T0805337.A0154718	542.59 MB
			[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC1.CSQ9.E25032.T0904248.A0154729	574.40 MB
			[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC1.CSQ9.E25032.T1805192.A0154829	614.60 MB
			[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC1.CSQ9.E25037.T0101031.A0155723	887.19 MB
▼ <input type="checkbox"/>	HLQ + userID.jobname: CSQARC2.CSQ9MSTR.*.ENHANCED_WRITE	6	[ENHANCED_WRITE]	CSQ9MSTR	CSQ9MSTR	CSQARC2.CSQ9.E25032.T0723581.A0154710	370.83 MB

# TDz Dashboard – Exclusions

- 2 different approaches
- Select an entry
- Press „add to exclusion list“ button in the blue line
- Confirm your selection
- Exclusion policy file is updated automatically

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS Home Exclusions

Exclusions You can help to improve the quality of the IBM TDz analytics with the exclusion list. Consider adding the following suggested exclusions to your list by using the check box on each row. Or you can edit the list directly by clicking Edit Exclusion List.

Edit exclusion list 

1 item selected Add to exclusion list  | Cancel

	Exclusion Value	Signatures	Activity Type	Jobname	UserID	Data Set Name	Activity Aggregate
▼ <input type="checkbox"/>	HLQ + userID.jobname: DBS8.MPR8TN00.*.ENHANCED_READ	6	[ENHANCED_READ]	AS123501	MPR8TN00	DBS8.IMS8.OLP20	2.32 GB
			[ENHANCED_READ]	AS124008	MPR8TN00	DBS8.IMS8.OLP23	2.60 GB
			[ENHANCED_READ]	AS135941	MPR8TN00	DBS8.IMS8.OLP29	3.64 GB
▼ <input type="checkbox"/>	HLQ + userID.jobname: CQSOFF.IXGLOGR.*.ENHANCED_WRITE	884	[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	CQSOFF.CQS.FF.LOGSTRM.A0059244.DATA	500.06 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	CQSOFF.CQS.FF.LOGSTRM.A0059243.DATA	499.22 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	CQSOFF.CQS.FF.LOGSTRM.A0059246.DATA	497.59 MB
▼ <input checked="" type="checkbox"/>	HLQ + userID.jobname: IXGLOGR.IXGLOGR.*.ENHANCED_WRITE	6035	[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	IXGLOGR.IFASMF.SMF101T.JA0.A0003672.DATA	211.34 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	IXGLOGR.JA0.DRL.LOGSTRM.A0216681.DATA	210.71 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	IXGLOGR.IFASMF.SMF110T.JA0.A0013072.DATA	650.94 MB
▼ <input type="checkbox"/>	HLQ + userID.jobname: DBS9.MPR8TN00.*.BASIC_READ	4	[BASIC_READ]	AS124426	MPR8TN00	DBS9.IMS9.OLP6	1.24 GB
			[BASIC_READ]	AS130601	MPR8TN00	DBS9.IMS9.OLP3	2.42 GB
			[BASIC_READ]	AS134046	MPR8TN00	DBS9.IMS9.OLP5	2.61 GB
▼ <input type="checkbox"/>	HLQ + userID.jobname: IMSVS.MPR8TN00.*.BASIC_WRITE	7	[BASIC_WRITE]	AS124426	MPR8TN00	IMSVS.IMS9.D2025031.T1241510.VFDTRCS	1019.24 MB
			[BASIC_WRITE]	AS125100	MPR8TN00	IMSVS.IMS9.D2025031.T1248023.V18TRCS	1.98 GB
			[BASIC_WRITE]	AS081437	MPR8TN00	IMSVS.IMS9.D2025041.T0812300.VEBTRCS	3.17 GB

# TDz Dashboard – Exclusions

- Manually change the exclusion list
- Press the Edit exclusion list button

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS Home Exclusions

Exclusions You can help to improve the quality of the IBM TDz analytics with the exclusion list. Consider adding the following suggested exclusions to your list by using the check box on each row. Or you can edit the list directly by clicking Edit Exclusion List.

Edit exclusion list 

1 item selected Add to exclusion list  | Cancel

	Exclusion Value	Signatures	Activity Type	Jobname	UserID	Data Set Name	Activity Aggregate
▼ <input type="checkbox"/>	HLQ + userID.jobname: DBS8.MPR8TN00.*.ENHANCED_READ	6	[ENHANCED_READ]	AS123501	MPR8TN00	DBS8.IMS8.OLP20	2.32 GB
			[ENHANCED_READ]	AS124008	MPR8TN00	DBS8.IMS8.OLP23	2.60 GB
			[ENHANCED_READ]	AS135941	MPR8TN00	DBS8.IMS8.OLP29	3.64 GB
▼ <input type="checkbox"/>	HLQ + userID.jobname: CQSOFF.IXGLOGR.*.ENHANCED_WRITE	884	[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	CQSOFF.CQS.FF.LOGSTRM.A0059244.DATA	500.06 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	CQSOFF.CQS.FF.LOGSTRM.A0059243.DATA	499.22 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	CQSOFF.CQS.FF.LOGSTRM.A0059246.DATA	497.59 MB
▼ <input checked="" type="checkbox"/>	HLQ + userID.jobname: IXGLOGR.IXGLOGR.*.ENHANCED_WRITE	6035	[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	IXGLOGR.IFASMF.SMF101T.JA0.A0003672.DATA	211.34 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	IXGLOGR.JA0.DRL.LOGSTRM.A0216681.DATA	210.71 MB
			[ENHANCED_WRITE]	IXGLOGR	IXGLOGR	IXGLOGR.IFASMF.SMF110T.JA0.A0013072.DATA	650.94 MB
▼ <input type="checkbox"/>	HLQ + userID.jobname: DBS9.MPR8TN00.*.BASIC_READ	4	[BASIC_READ]	AS124426	MPR8TN00	DBS9.IMS9.OLP6	1.24 GB
			[BASIC_READ]	AS130601	MPR8TN00	DBS9.IMS9.OLP3	2.42 GB
			[BASIC_READ]	AS134046	MPR8TN00	DBS9.IMS9.OLP5	2.61 GB
▼ <input type="checkbox"/>	HLQ + userID.jobname: IMSVS.MPR8TN00.*.BASIC_WRITE	7	[BASIC_WRITE]	AS124426	MPR8TN00	IMSVS.IMS9.D2025031.T1241510.VFDTRCS	1019.24 MB
			[BASIC_WRITE]	AS125100	MPR8TN00	IMSVS.IMS9.D2025031.T1248023.V18TRCS	1.98 GB
			[BASIC_WRITE]	AS081437	MPR8TN00	IMSVS.IMS9.D2025041.T0812300.VEBTRCS	3.17 GB

# TDz Dashboard – Exclusions

- Manually add your entry to the exclusion list

The screenshot shows the IBM Threat Detection zOS Dashboard interface. The main window displays a list of data sets and their activity aggregates. A modal window titled "Exclusion List" is open, showing a JSON object with exclusion rules. The modal has "Cancel" and "Save" buttons at the bottom. The background shows the main dashboard with various data sets listed.

IBM Threat Detection zOS Dashboard

IBM Threat Detection for z/OS Home Exclusions

Exclusions You can help to improve the quality of the threat detection by using the check box on each row to exclude specific activity from the dashboard.

Exclusion List

```
{  
  "hlq": [],  
  "useridAndJobname": [],  
  "hlqUserIdAndJobname": [  
    "RLSADSW.CICSPS.*.ENHANCED_WRITE",  
    "RLSADSW.CICSPS.*.ENHANCED_READ",  
    "IXGLOGR.IXGLOGR.*.ENHANCED_WRITE"  
  ]  
}
```

Cancel Save

Data Set Name	Activity Aggregate
DBS8.IMS8.OLP20	2.32 GB
DBS8.IMS8.OLP23	2.60 GB
DBS8.IMS8.OLP29	3.64 GB
.CQS.FF.LOGSTRM.A0059244.DATA	500.06 MB
.CQS.FF.LOGSTRM.A0059243.DATA	499.22 MB
.CQS.FF.LOGSTRM.A0059246.DATA	497.59 MB
FASMF.SMF101T.JA0.A0003672.DATA	211.34 MB
.JA0.DRL.LOGSTRM.A021681.DATA	210.71 MB
FASMF.SMF110T.JA0.A0013072.DATA	650.94 MB
DBS9.IMS9.OLP6	1.24 GB
DBS9.IMS9.OLP3	2.42 GB
DBS9.IMS9.OLP5	2.61 GB
DBS9.IMS9.OLP2	1019.24 MB
IMSVS.IMSB.D2025031.T1241510.VFDTRCS	1.98 GB
IMSVS.IMSB.D2025031.T1248023.V18TRCS	3.17 GB