



Monitoring your Application with new MDBA Dashboard

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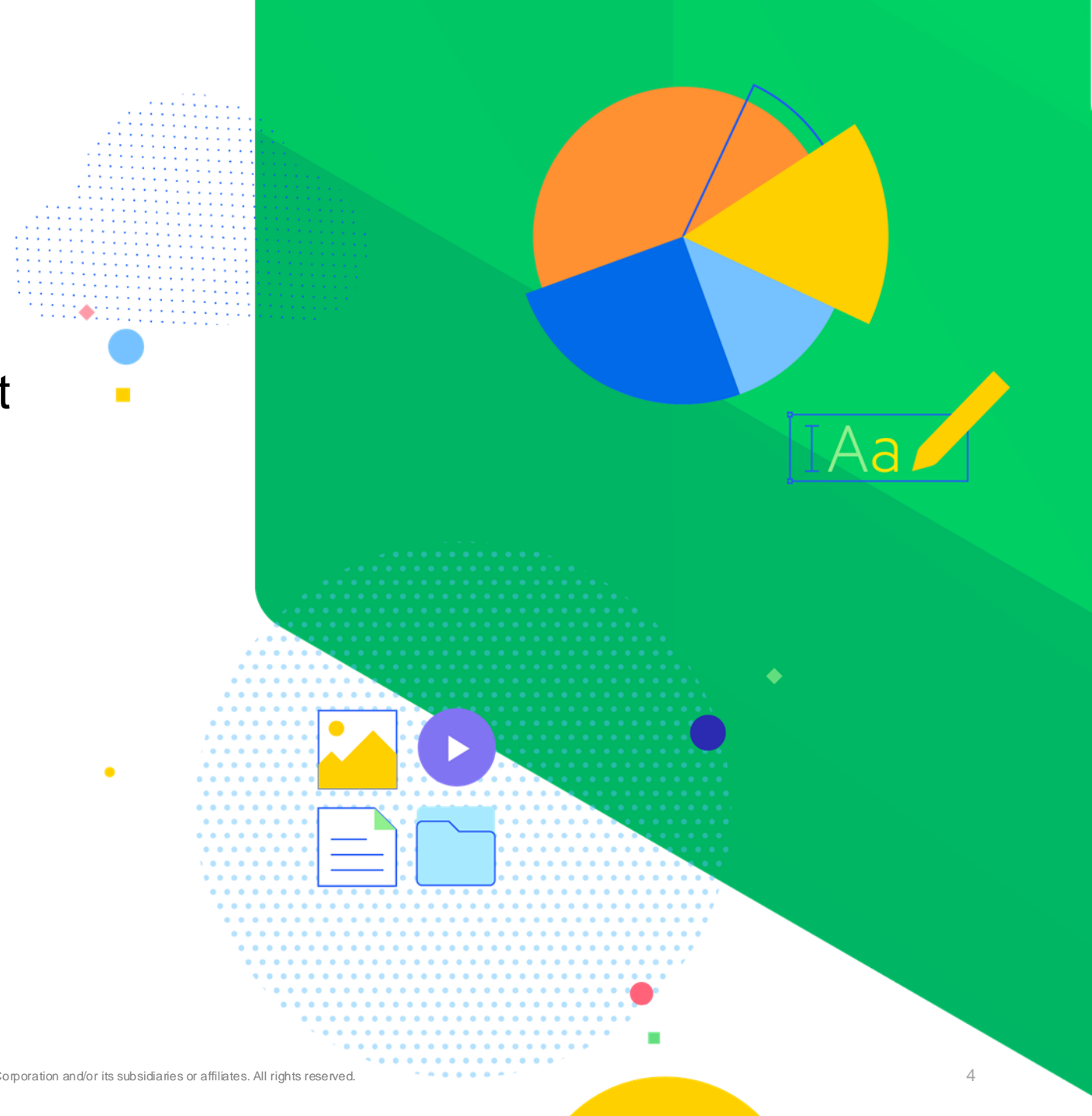
Agenda

- **MDBA**
- **New Dashboard**
- **Walk the menu**
- **Summary**

Managed Database Administration (MDBA) Service

Managed Database Administration (MDBA)

- Team of over 20 DBAs to support your application
- 24x7 Monitoring and Alerting
- Reactive and Proactive
- Data available via web-based dashboard
- Not just databases



The MDBA Team



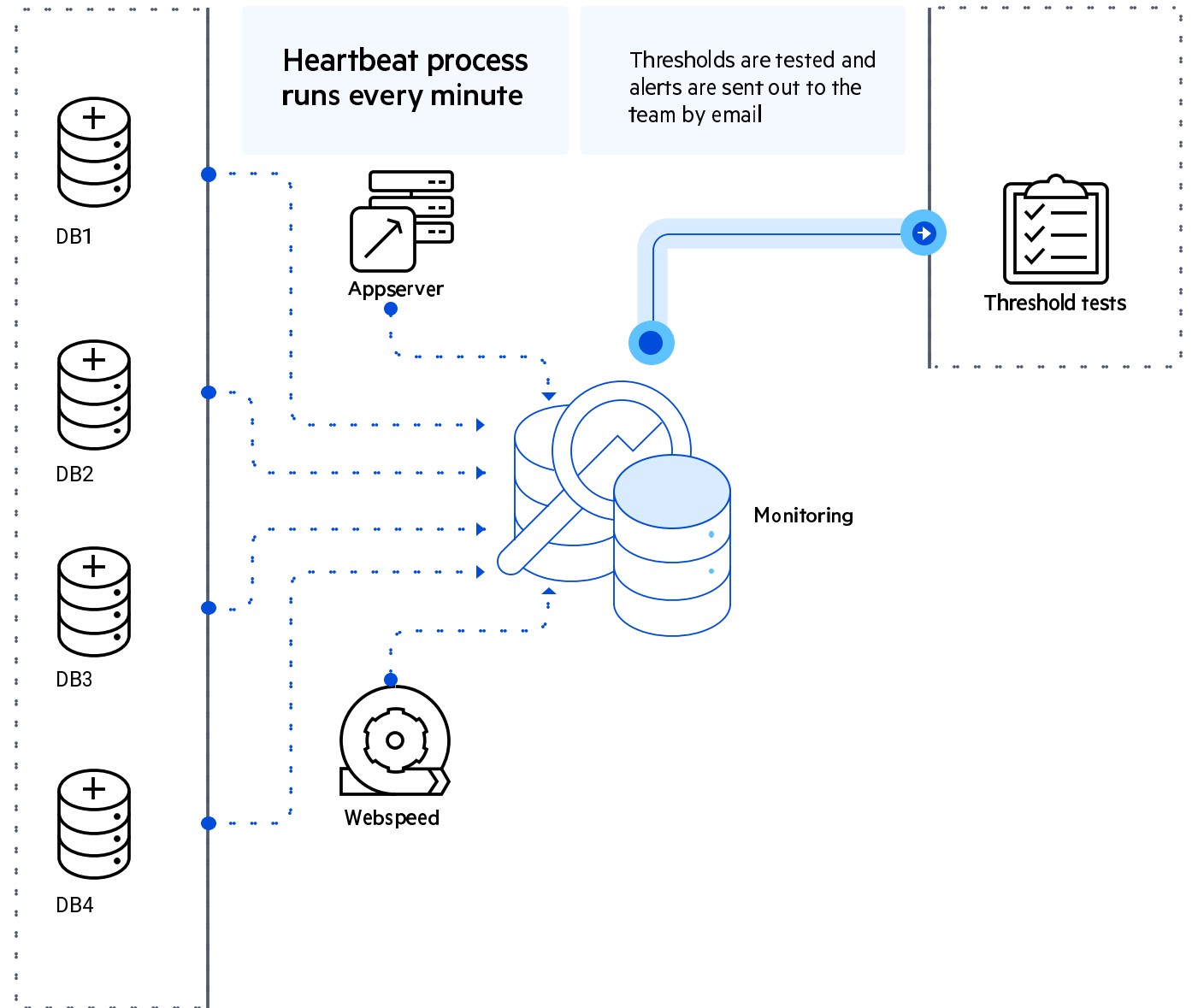
The Progress Managed Database Service (MDBA) helps run your OpenEdge database but it's more than just software.

Database Team members are experts in OpenEdge Technology.

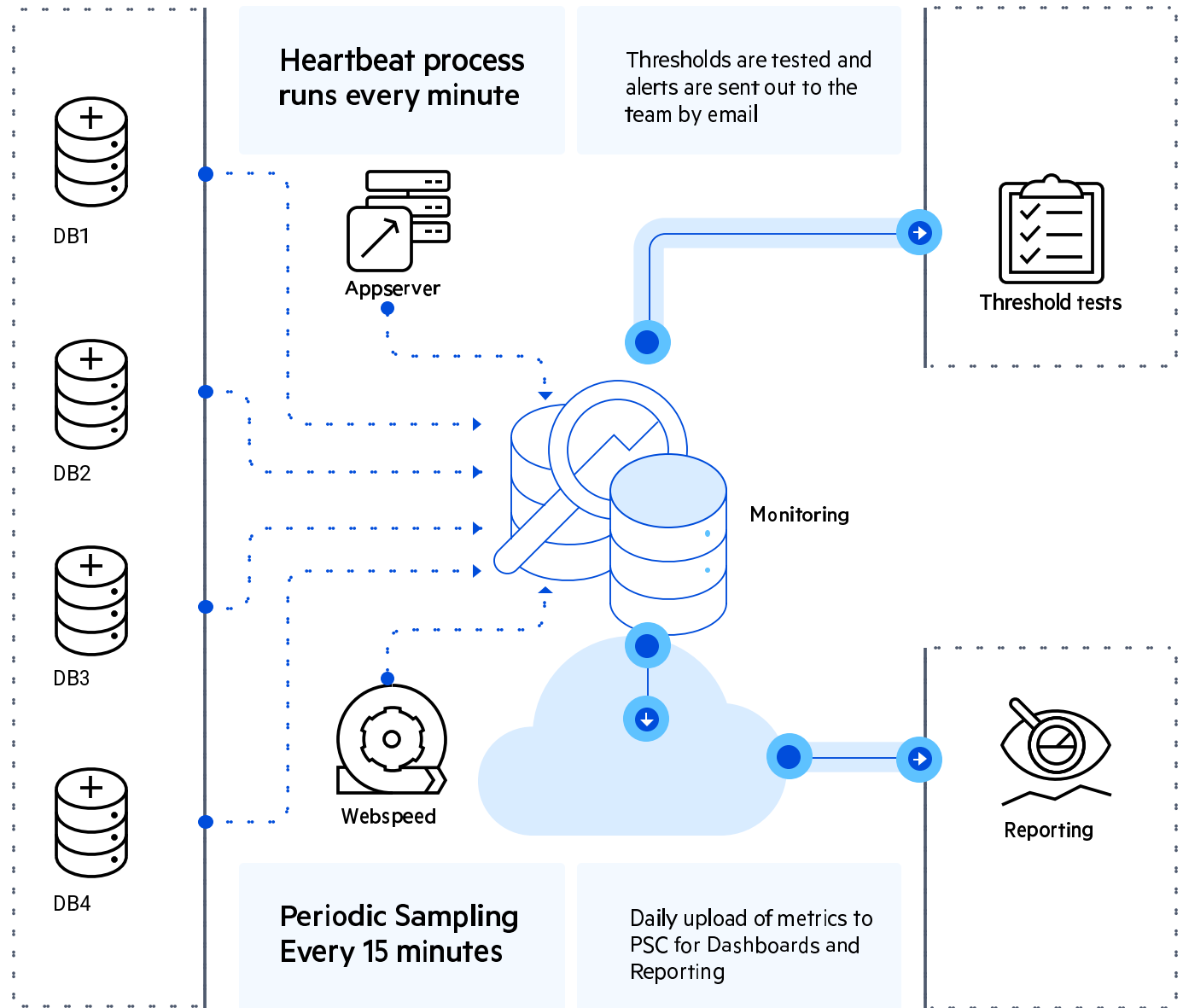
- DBA locations cover 8 time zones in 4 countries
- 21 DBAs – The largest team in the OpenEdge ecosystem
- 20+ years experience each – The most experienced in the world

ProMonitor

The Monitoring Infrastructure



The Monitoring Infrastructure



Service Level Agreements

- We stay reactive!
- Example SLA:
 - 1 hour:** Database down situation – Service Provider will respond to the Client within one hour of being notified of the issue 24x7x365
 - 2 hour:** For questions, technical support, minor issues, Service Provider will respond to the Client within 2 hours during client business hours Monday – Friday, excluding Holidays

New MDBA Dashboard

New Dashboard for Proactive MDBA Service

Site	DB	OS	DE	Size	Used	Utr	AI	Last Backup	Uptime	Act LFT	B Size	DB A/N	APW	BIW	W/OG	AW	Replication	Last Sample
pkwq2db01	LKW_Py2db	11.7	251 GB	14.8 GB	1333	6 hours ago	5:50:44	81 GB	21 minutes ago				Pass	OER Source				
pkwdbk01	LKW_pdb1	11.7	2.6 TB	17 TB	720	6 hours ago	3:07:12	14.8 GB	6 days ago					OER Source				2 hours ago
pkwsmq2db01	LKW_psmq	11.7	919 GB	319 GB	432	4 hours ago	5:50:44	3000 MB	21 minutes ago									
pkwdbk02	LKW_pdb2	11.7	2.6 TB	17 TB	288	8 months ago	5:50:44	14.9 GB	21 minutes ago					OER Target				
Amazon	EDM_Prod	11.7	18 TB	14 TB	161	6 hours ago	5:50:44	5120 MB	6 days ago					Pass	OER Source			21 minutes ago
uedmdbk01	EDM_odb1	11.7	54 GB	54 GB	108	2 years ago	10:19:12	320 MB	21 minutes ago					OER Source				
ukwq2db01	LKW_up2db	11.7	101 GB	17 GB	85	6 months, 21 days		12 GB	21 minutes ago									
ukwdbk01	LKW_odb1	11.7	2621 GB	2110 GB	59	5 months ago	10:19:12	11.2 GB	5 days ago					OER Source				21 minutes ago
ukwdbk02	LKW_odb2	11.7	2611 GB	2100 GB	46	a year ago	10:19:12	10.2 GB	21 minutes ago					OER Target				
ukwsmq2db01	LKW_usmq	11.7	51 GB	34 GB	44	a year ago	10:19:12	2500 MB	21 minutes ago									
pkwdbk03	LKW_pdb3	11.7	2.6 TB	17 TB	32	5 hours ago	5:50:44	14.9 GB	21 minutes ago					OER Target				
pkwq2db01	LKW_sp2dbw	11.7	200 MB	190 MB	31	1 week, 5 days, 7 hours		20 MB	21 minutes ago									
Amazon	pm	11.7	621 GB	616 GB	12	1 month, 6 days		19 GB	21 minutes ago									

EVENTS CONFIGURATION

Alerts by Severity

Alerts by Code

Trend

#	Reported on ↓	Description	Site	Resource	Labels
+	100	1/28/2022 8:50:01 AM	Database Unavailable or Down	pkwbcpsk01	LKW_bcps Database Service Down
+	100	1/28/2022 7:00:01 AM	Database Unavailable or Down	pkwbcpsk01	LKW_bcpw Database Service Down
+	100	1/27/2022 8:50:01 AM	Database Unavailable or Down	pkwbcpsk01	LKW_bcps Database Service Down
+	100	1/27/2022 7:00:01 AM	Database Unavailable or Down	pkwbcpsk01	LKW_bcpw Database Service Down
+	100	1/26/2022 8:50:01 AM	Database Unavailable or Down	pkwbcpsk01	LKW_bcps Database Service Down

Availability

Servers

AIW

BIW

APW

Watchdog

DB Reads

Records activity

Latch Waits

Latch Locks

Making the new MDBA Dashboard

- Pre-the-new-dashboard
 - Tabular, numbers in columns, hard to understand
- New Dashboard
 - Introduces in February 2023
 - Several updates with new features
 - More modern design
 - More graphs
 - Easier to understand
 - Written internally by and for the MDBA Team
 - Mostly Progress products

Walk the Menu



Promonitor Dashboard

Log in with your MDBA account

Username

Password



[I forgot my password](#)

LOG IN

[Create an account](#)

Release: 🗓️ Summer '24 (240620.2)

Home Page

ProMonitor Dashboard DBA: ALL Account: 207 - MDBA Team Site: ALL LAST 24 HOURS

Home | Alerts | System | Overview | Disk I/O UPDATED | **Databases** | Middleware | MDBA

Databases

MDBA TEAM total count: 8 total size: 25.8 TIB total users: 214

Database
AUTHDB-DEV
DWH-DEV
WEBSTATE-D2
PMBE-DR
PMBE
AUTHDB-PROD
DWH-PROD
WEBSTATE-P2

System

Resource
/
/BOOT
/BOOT/EFI
/DB
/DB2
/DB3

Middleware

Resource
NEODASH-DEV:NEODASH
OEAUTH-DEV
PM
NEODASH-PROD:NEODASH

Alert Pages

ProMonitor Dashboard DBA Account Site
 ALL 207 - MDBA Team default LAST 90 DAYS

Home Alerts SYSTEM DATABASES MIDDLEWARE MDBA

EVENTS CONFIGURATION

Alerts by Severity

Severity	Count
critical	1
minor	3

Alerts by Code

Code	Count
100	1
301	3

Trend

Alerts count: 6/9

Legend: Critical (Red), Minor (Yellow)

Alerts

Search:

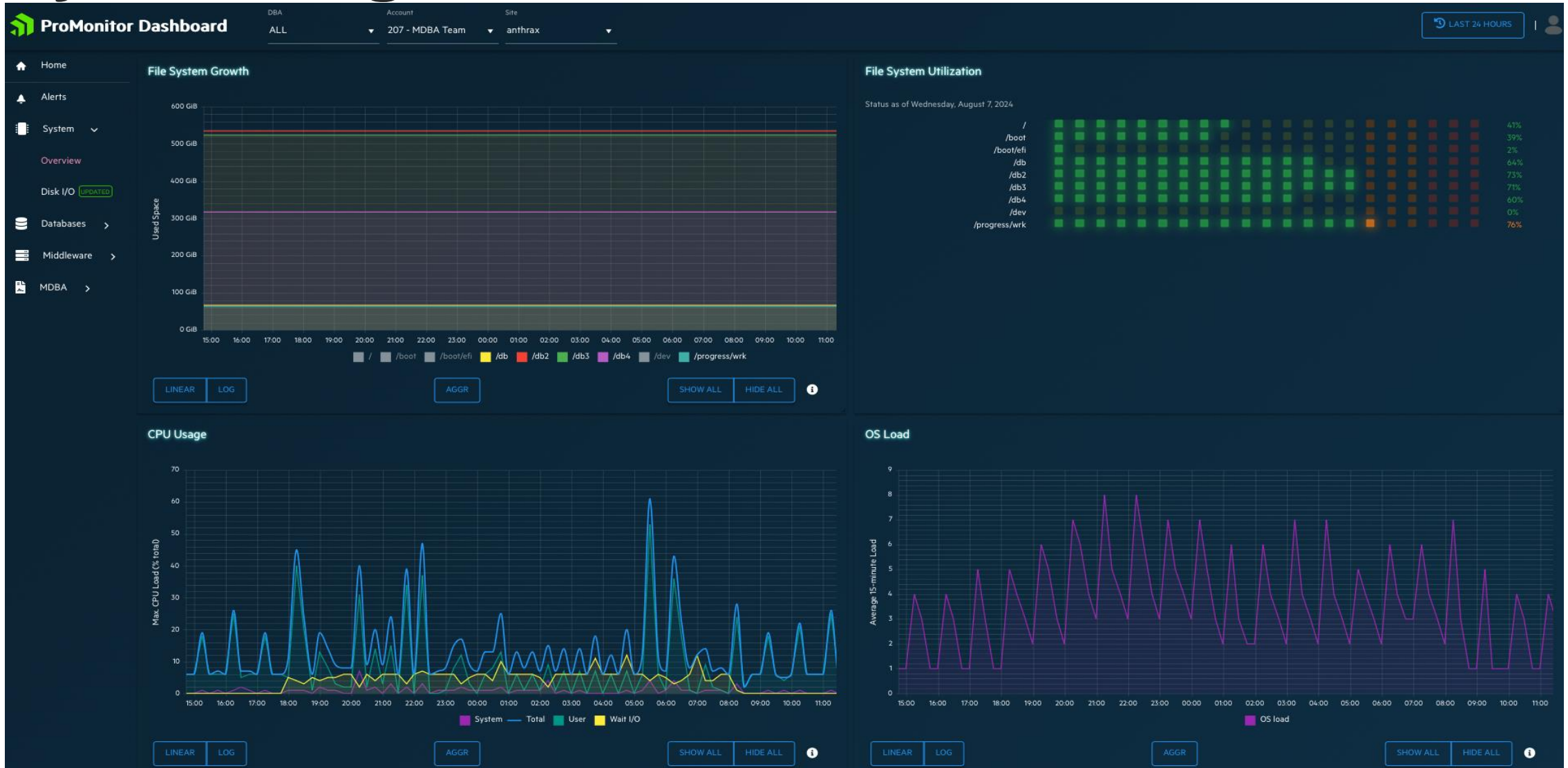
Drag a column header and drop it here to group by that column

#	Reported on ↓	Description	Site	Resource	Labels
+ 301	6/10/2024 6:15:08 AM	File System Free Space % Left	default	/aiarchive	SEV: MINOR System Resources
+ 301	6/10/2024 5:15:07 AM	File System Free Space % Left	default	/aiarchive	SEV: MINOR System Resources
+ 100	6/9/2024 2:00:05 AM	Database Unavailable or Down	default	pmbe	SEV: CRIT Database Service Down
+ 301	6/9/2024 2:00:05 AM	File System Free Space % Left	default	/db	SEV: MINOR System Resources

Alert Pages

#	Reported on ↓	Description	Site	Resource	Labels
-	6/10/2024 6:15:08 AM	File System Free Space % Left	default	/aiarchive	SEV: MINOR System Resources
<p>Alert</p> <p>#301 - File System Free Space % Left</p> <p>Reported on: Mon Jun 10 2024 06:15:08 GMT-0400 (Eastern Daylight Time)</p> <p>Site: default Resource: /aiarchive Alert value / Alert threshold: 12 / 15 Sequence: 3 Type: SYS</p> <p>LABELS: SEV: MINOR System Resources</p> <p>DETAILS: Mount: /aiarchive</p>					
+	6/10/2024 5:15:07 AM	File System Free Space % Left	default	/aiarchive	SEV: MINOR System Resources
+	6/9/2024 2:00:05 AM	Database Unavailable or Down	default	pmbe	SEV: CRIT Database Service Down
+	6/9/2024 2:00:05 AM	File System Free Space % Left	default	/db	SEV: MINOR System Resources

System Pages – Overview



System Pages – Disk I/O (UPDATED)



Database Pages – Overview

ProMonitor Dashboard DBA Account Site
 ALL 207 - MDBA Team ALL

LAST 24 HOURS

Home Alerts System Overview Disk I/O Databases Activity Areas Backups Latch/Res./TXE Transactions Before-Image OE Replication Pro2 Table I/O

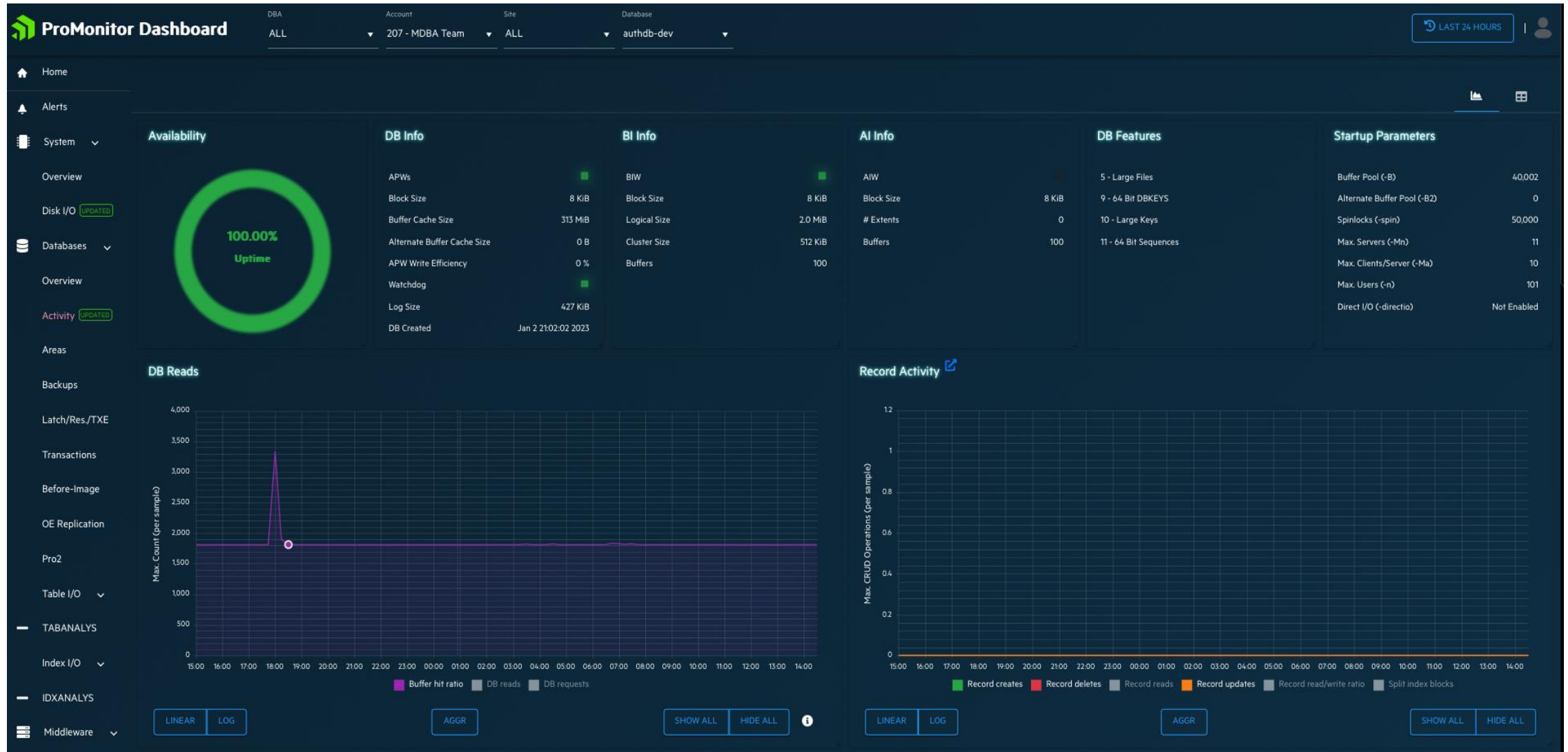
Databases

MDBA TEAM

total count: 8 total size: 25.9 TIB total users: 215

Site	DB	OS	OE	Size	Used	Usr ↓	AI	Last Backup	Uptime	Act LRT	BI size	DB Anl	APW	BIW	WDG	AIW	Replication	Last sample
ppmint	dwh-prod	🔥	12.2.16	2.3 TIB	2.3 TIB	61	🟢	2 years ago	1 month, 10 days		128.0 MIB	4 days ago	🟢	🟢	🟢	🟢		20 minutes ago
ppmint	authdb-prod	🔥	12.2.16	13.0 MIB	12.0 MIB	53	🟢	19 hours ago	1 month, 10 days		2.0 MIB		🟢	🟢	🟢	🟢		20 minutes ago
default	pmbe	🔥	11.7	11.9 TIB	10.8 TIB	36	🟢	2 years ago	1 month, 30 days		512.0 MIB	4 days ago	🟢	🟢	🟢	🟢	Pro2 OER Source	20 minutes ago
anthrax	dwh-dev	🔥	12.2.16	1.4 TIB	1.4 TIB	29	🟢	2 years ago	4 weeks, 1 day, 6 hours		224.0 MIB		🟢	🟢	🟢	🟢		20 minutes ago
anthrax	authdb-dev	🔥	12.2.16	14.0 MIB	12.0 MIB	28	🟢	21 hours ago	4 weeks, 1 day, 6 hours		2.0 MIB		🟢	🟢	🟢	🟢		20 minutes ago
anthrax	webstate-d2	🔥	12.2.16	412.0 MIB	411.0 MIB	8	🟢	21 hours ago	4 weeks, 1 day, 6 hours		64.0 MIB		🟢	🟢	🟢	🟢		20 minutes ago
backend-dr	pmbe-dr	🔥	11.7	10.9 TIB	10.8 TIB	0	🟢	2 years ago	9 months, 11 days		512.0 MIB		🟢	🟢	🟢	🟢	OER Target	4 hours ago
ppmint	webstate-p2	🔥	12.2.16	412.0 MIB	411.0 MIB	0	🟢	19 hours ago	1 month, 10 days		64.0 MIB	4 days ago	🟢	🟢	🟢	🟢		20 minutes ago

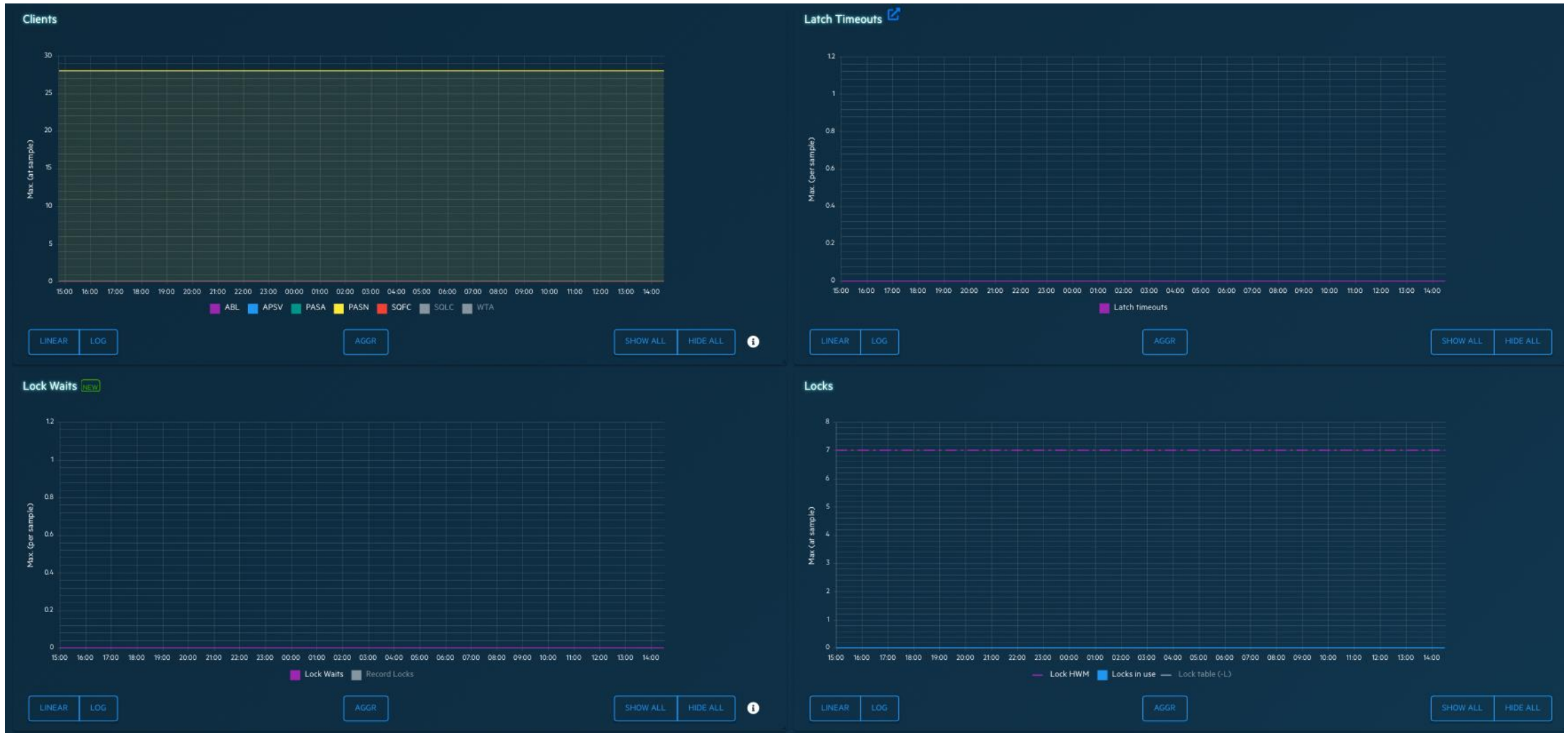
Database Pages – Activity (UPDATED)



Database Pages – Activity (UPDATED)



Database Pages – Activity (UPDATED)



Database Pages – Areas

ProMonitor Dashboard DBA Account: 207 - MDBA Team Site: default Database: pmbe LAST 24 HOURS

Home **Alerts** **System** **Overview** **Disk I/O** **Databases** **Activity** **Areas** **Backups** **Latch/Res./TXE** **Transactions** **Before-Image** **OE Replication** **Pro2** **Table I/O** **TABANALYS** **Index I/O** **IDXANALYS** **Middleware** **UBrokers** **PASOE** **MDBA** **Billing History**

Areas Growth

Areas Capacity

Status as of Wednesday, August 7, 2024

Area	Used (HWM)	Free (pre-formatted extents)	Total	Percentage
Control Area	717 KiB	634.9 KiB	1.3 GiB	11%
Primary Recovery Area	512.0 MiB	1000.0 MiB	1.5 TiB	51%
Schema Area	4.9 MiB	4.9 MiB	9.8 MiB	100%
Static Data	2.5 GiB	2.6 GiB	5.1 GiB	100%
Static Index	77 GiB	20.5 GiB	97.5 GiB	38%
Trend	2.7 TiB	31 TiB	33.7 TiB	87%
Trend Index	2.7 TiB	31 TiB	33.7 TiB	100%
TabIO	2.6 GiB	368.6 KiB	2.6 GiB	100%
TabIO Index	77 GiB	20.5 GiB	97.5 GiB	77%
IxIO Data	717 KiB	634.9 KiB	1.3 GiB	100%
IxIO Index	717 KiB	634.9 KiB	1.3 GiB	99%
Latch Data	512.0 MiB	1000.0 MiB	1.5 TiB	88%
Latch Index	512.0 MiB	1000.0 MiB	1.5 TiB	47%
uTabIO Data	2.5 GiB	2.6 GiB	5.1 GiB	100%
Stats Data	2.5 GiB	2.6 GiB	5.1 GiB	36%
Stats Index	77 GiB	20.5 GiB	97.5 GiB	100%
Sys Data	4.9 MiB	4.9 MiB	9.8 MiB	62%
Sys Index	4.9 MiB	4.9 MiB	9.8 MiB	71%
Sys Data	4.9 MiB	4.9 MiB	9.8 MiB	50%
Area Data	4.9 MiB	4.9 MiB	9.8 MiB	63%
Area Index	4.9 MiB	4.9 MiB	9.8 MiB	75%
dblog Data	717 KiB	634.9 KiB	1.3 GiB	81%
dblog Index	717 KiB	634.9 KiB	1.3 GiB	69%
Anal Data	717 KiB	634.9 KiB	1.3 GiB	98%
Anal Index	717 KiB	634.9 KiB	1.3 GiB	44%
Aux Data	717 KiB	634.9 KiB	1.3 GiB	100%
Aux Index	717 KiB	634.9 KiB	1.3 GiB	100%
Clear Data	717 KiB	634.9 KiB	1.3 GiB	100%

Area Stats

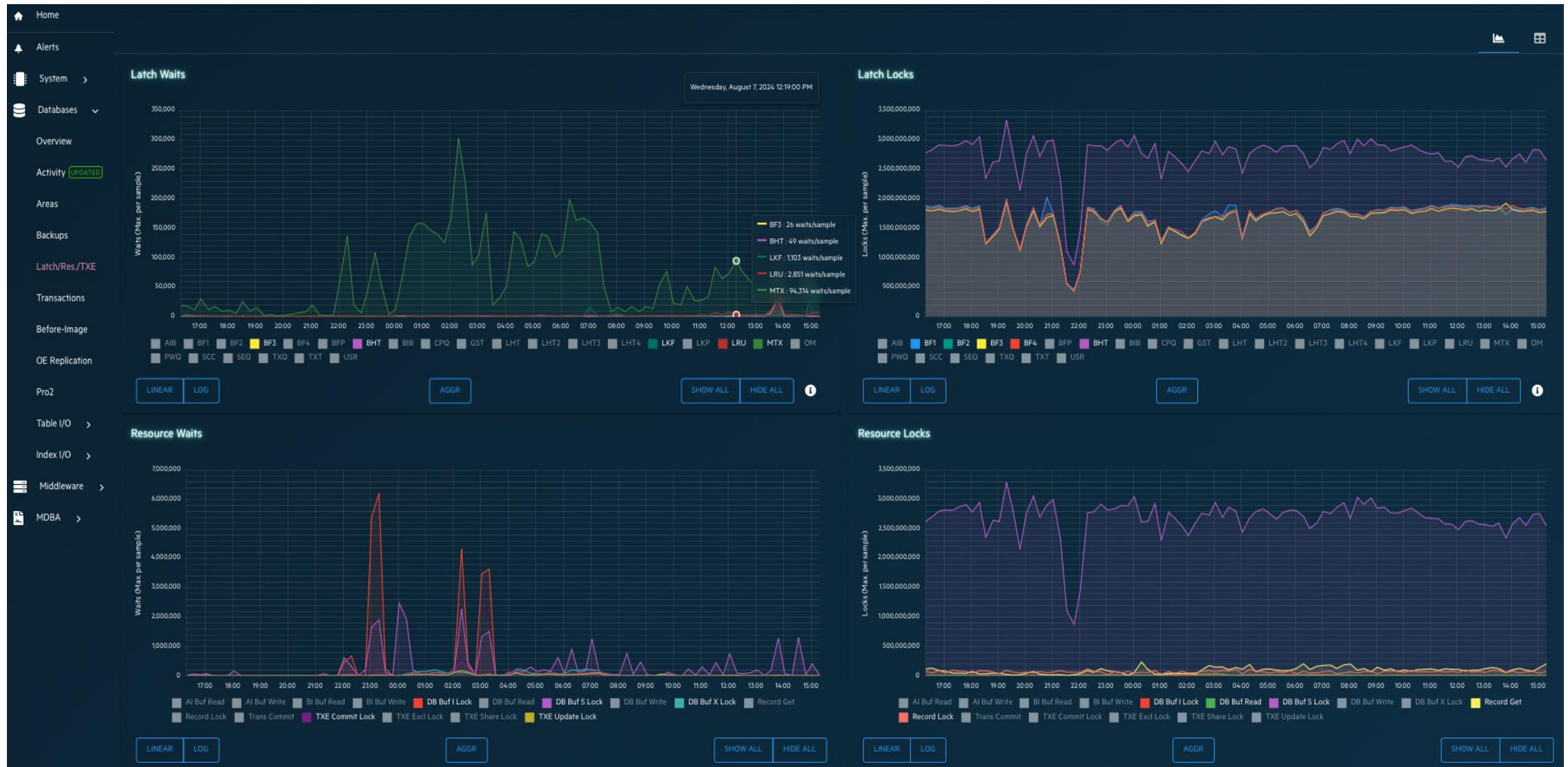
Date	#	Name	HWM	Tot. Size	BPC	BPB	Extents	Type	Version	Cur. Extent	In -B2
8/7/2024	1	Control Area	717 KiB	634.9 KiB	1	64	1	DATA/SCHEMA	TYPE I	/db/pm/pm.db	NO
8/7/2024	3	Primary Recovery Area	512.0 MiB	1000.0 MiB	1	1	2	BEFORE-IMAGE	TYPE I	/b/pm/pm.b1	NO
8/7/2024	6	Schema Area	4.9 MiB	4.9 MiB	1	64	1	DATA/SCHEMA	TYPE I	/db/pm/pm.d1	NO
8/7/2024	100	Static Data	2.5 GiB	2.6 GiB	8	128	3	DATA/SCHEMA	TYPE B	/db/pm/pm_100.d3	NO
8/7/2024	101	Static Index	77 GiB	20.5 GiB	8	256	3	DATA/SCHEMA	TYPE B	/db/pm/pm_101.d2	NO
8/7/2024	110	Trend Data	2.7 TiB	31 TiB	8	128	8	DATA/SCHEMA	TYPE B	/db/pm/pm_110.d7	NO

Database Pages – Backups

The screenshot shows the ProMonitor Dashboard interface. At the top, there are navigation tabs for DBA, Account (207 - MDBA Team), Site (ALL), and Database (authdb-dev). A 'LAST 30 DAYS' button is visible in the top right. The left sidebar contains navigation options: Home, Alerts, System, Databases, Overview, Activity (UPDATED), Areas, Backups, Latch/Res./TXE, Transactions, Before-Image, OE Replication, Middleware, and MDBA. The main content area is titled 'Backup History' and features a search bar and a table of backup records. A calendar widget for August 2024 is also present, highlighting the current date (August 1st) and the next three days (2nd, 3rd, 4th).

Create Time	Backup Type	Duration	Time Since Previous Backup
Tuesday, August 6, 2024 5:55:07 PM	FULL		1 day
Monday, August 5, 2024 5:55:07 PM	FULL		1 day
Sunday, August 4, 2024 5:55:06 PM	FULL		23:59:59
Saturday, August 3, 2024 5:55:07 PM	FULL		1 day
Friday, August 2, 2024 5:55:07 PM	FULL		1 day
Thursday, August 1, 2024 5:55:06 PM	FULL		23:59:59
Wednesday, July 31, 2024 5:55:07 PM	FULL		1 day
Tuesday, July 30, 2024 5:55:07 PM	FULL		1 day
Monday, July 29, 2024 5:55:06 PM	FULL		23:59:59
Sunday, July 28, 2024 5:55:07 PM	FULL		1 day
Saturday, July 27, 2024 5:55:07 PM	FULL		1 day
Friday, July 26, 2024 5:55:07 PM	FULL		1 day
Thursday, July 25, 2024 5:55:07 PM	FULL		1 day

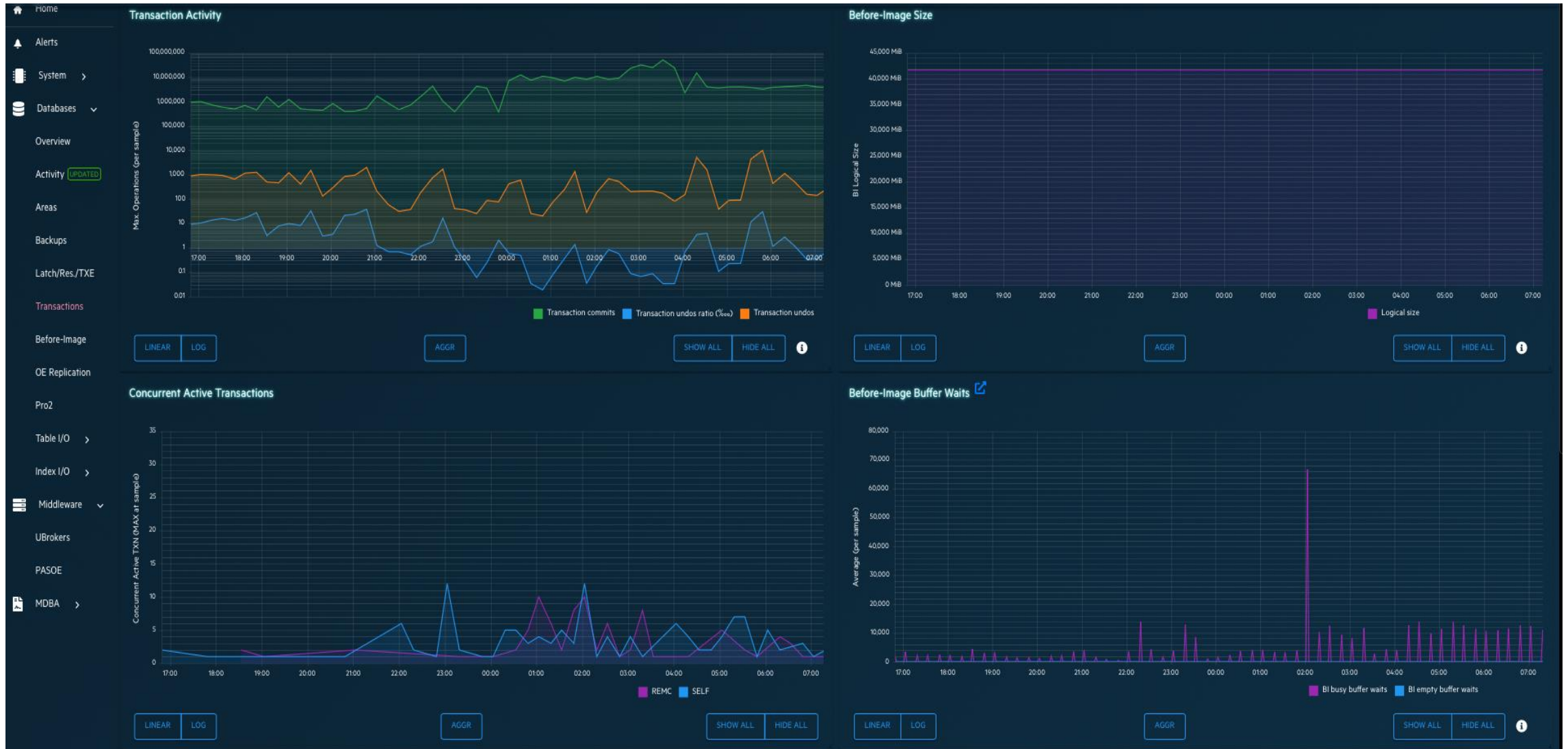
Database Pages – Latch/Res./TXE



Database Pages – Latch/Res./TXE



Database Pages – *Transactions*



Database Pages – Transactions



Database Pages – *Before Image*



Database Pages – *OpenEdge Replication*

ProMonitor Dashboard DBA: ALL Account: 207 - MDBA Team Site: default Source database: pmbe LAST 24 HOURS

Home Alerts System Databases Overview Activity **UPDATED** Areas Backups Latch/Res./TXE Transactions Before-Image OE Replication Pro2 Table I/O Index I/O Middleware MDBA

SOURCE TARGET PICA Filled

Count (once per RPLS startup)

09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00

LINEAR LOG AGGR SHOW ALL HIDE ALL

OE Replication Stats

Search: [] [] [] [] []

Date: []

Date	Time	PICA	Locking User #	Used Msg
8/8/2024	12:00 AM	0	0	0
8/8/2024	12:15 AM	0	0	0
8/8/2024	12:30 AM	0	0	10
8/8/2024	12:45 AM	0	0	3
8/8/2024	1:00 AM	0	0	0
8/8/2024	1:15 AM	0	0	0
8/8/2024	1:30 AM	0	0	0
8/8/2024	1:45 AM	0	0	519
8/8/2024	2:00 AM	0	0	0
8/8/2024	2:15 AM	0	0	185
8/8/2024	2:30 AM	0	0	17
8/8/2024	2:45 AM	0	0	0
8/8/2024	3:00 AM	0	0	0
8/8/2024	3:15 AM	0	0	124
8/8/2024	3:30 AM	0	0	0
8/8/2024	3:45 AM	0	0	0
8/8/2024	4:00 AM	0	0	0
8/8/2024	4:15 AM	0	0	2
8/8/2024	4:30 AM	0	0	0
8/8/2024	4:45 AM	0	0	0
8/8/2024	5:00 AM	0	0	0
8/8/2024	5:15 AM	0	0	0
8/8/2024	5:30 AM	0	0	47
8/8/2024	5:45 AM	0	0	0
8/8/2024	6:00 AM	0	0	0
8/8/2024	6:15 AM	0	0	0
8/8/2024	6:30 AM	0	0	0
8/8/2024	6:45 AM	0	0	0
8/8/2024	7:00 AM	0	0	19
8/8/2024	7:15 AM	0	0	0

1 - 95 of 95 items

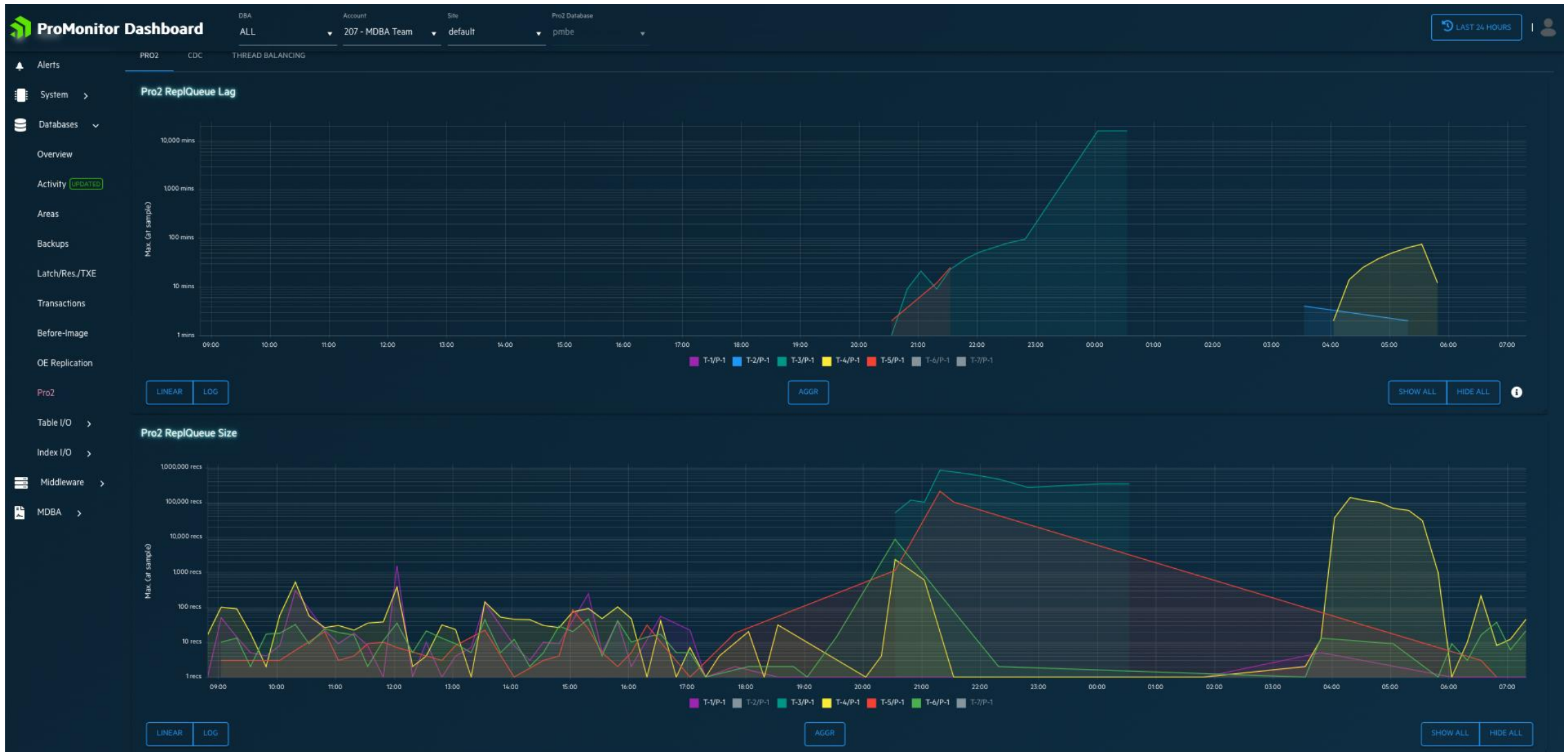
PICA Queue Messages

Max count (of sample)

09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00

LINEAR LOG AGGR SHOW ALL HIDE ALL

Database Pages – Pro2



Database Pages – Pro2

Search:

↓ Date

Status	Date	Time	T-#/P-# (# Tab.)	Oldest rec.	Q. count	Q. lag	Thread #	Pass
▼ 8/8/2024								
■	8/8/2024	12:04 AM	T-1/P-1 (0)		0	0	1	1
■	8/8/2024	12:04 AM	T-2/P-1 (0)		0	0	2	1
■	8/8/2024	12:04 AM	T-3/P-1 (0)	platte, inventory_value_fact; 0x00000000640ef091: 07-27-2024, 21:18:13	339,736	16,005	3	1
■	8/8/2024	12:04 AM	T-4/P-1 (0)		0	0	4	1
■	8/8/2024	12:04 AM	T-5/P-1 (0)		0	0	5	1
■	8/8/2024	12:04 AM	T-6/P-1 (0)		0	0	6	1
■	8/8/2024	12:04 AM	T-7/P-1 (0)		0	0	7	1
■	8/8/2024	12:19 AM	T-1/P-1 (0)		0	0	1	1
■	8/8/2024	12:19 AM	T-2/P-1 (0)		0	0	2	1
■	8/8/2024	12:19 AM	T-3/P-1 (0)	platte, inventory_value_fact; 0x00000000640ef091: 07-27-2024, 21:18:13	339,736	16,020	3	1
■	8/8/2024	12:19 AM	T-4/P-1 (0)		0	0	4	1
■	8/8/2024	12:19 AM	T-5/P-1 (0)		0	0	5	1
■	8/8/2024	12:19 AM	T-6/P-1 (0)		0	0	6	1
■	8/8/2024	12:19 AM	T-7/P-1 (0)		0	0	7	1
■	8/8/2024	12:34 AM	T-1/P-1 (0)		0	0	1	1
■	8/8/2024	12:34 AM	T-2/P-1 (0)		0	0	2	1
■	8/8/2024	12:34 AM	T-3/P-1 (0)	platte, inventory_value_fact; 0x00000000640ef091: 07-27-2024, 21:18:13	339,736	16,035	3	1
■	8/8/2024	12:34 AM	T-4/P-1 (0)		0	0	4	1
■	8/8/2024	12:34 AM	T-5/P-1 (0)		0	0	5	1
■	8/8/2024	12:34 AM	T-6/P-1 (0)		0	0	6	1
■	8/8/2024	12:34 AM	T-7/P-1 (0)		0	0	7	1
■	8/8/2024	12:49 AM	T-1/P-1 (148)		0	0	1	1
■	8/8/2024	12:49 AM	T-2/P-1 (27)		0	0	2	1
■	8/8/2024	12:49 AM	T-3/P-1 (1)		0	0	3	1
■	8/8/2024	12:49 AM	T-4/P-1 (411)		0	0	4	1
■	8/8/2024	12:49 AM	T-5/P-1 (13)		0	0	5	1
■	8/8/2024	12:49 AM	T-6/P-1 (8)		0	0	6	1

1 2 3 4 200 items per page

1 - 200 of 609 items

Database Pages – Table I/O



Database Pages – *Table I/O*

I/O by Table

Search:

Drag a column header and drop it here to group by that column

Area	Table	Table size	Records count	Reads	Creates	Updates	Deletes	R/W ratio	OS Reads	In -B2
Static Data	beaddress	0 B	0	25,738	0	0	0		28	NO
Static Data	beagentConfig	0 B	0	25,738	0	0	0		28	NO
Static Data	bealert	533.7 MiB	3,237,325	308,606,575	573	0	0	538.580	3,570,461	NO
Static Data	beAlertControl	3.3 MiB	51,622	2,255,370	142,866	3,572	0	15	21,797	NO
Static Data	beAlertMaster	2.7 MiB	19,969	25,946	7,478	0	0	3	52	NO
Static Data	beAlertStatus	1.4 MiB	13,212	33,618	1	0	0	33.618	269	NO
Trend Data	BEAreaExtent	35.0 GiB	354,785,428	48,256	191,751	0	0	0	3,341	NO
Area Data	beAreaStats	44.2 GiB	408,531,994	130,273,341	117,851	0	0	1105	147,675	NO
Static Data	beauthentication	0 B	0	25,738	0	0	0		28	NO
Aux Data	beAuxHeader	25.7 GiB	284,360,721	55,905,260	177,500	0	0	315	400,498	NO
Static Data	beauxLog	0 B	0	25,738	0	0	0		28	NO
Aux Data	beAuxMaster	353.6 KiB	3,505	440,213	0	2,081	0	212	3,333	NO
Aux Data	beAuxNotAvailable	8.0 GiB	169,100,770	25,738	139,194	0	0	0	1,076	NO
Aux Data	beauxsample	7.7 GiB	175,721,588	50,940	86,914	0	0	1	2,910	NO
Aux Data	beAuxStats	107.9 GiB	1,069,690,898	110,466	648,904	0	0	0	12,105	NO
Trend Data	bebigrow	38.3 GiB	686,969,354	53,054,950	652,500	0	0	81	116,709	NO
Static Data	bechainInfo	0 B	0	25,738	0	0	0		28	NO
Static Data	beCheckPoint	0 B	0	25,738	0	0	0		28	NO
Static Data	beclientmon	0 B	0	25,738	0	0	0		28	NO
Static Data	herconfn	108.6 KiB	796	1,666,176	0	344	0	4.844	0	NO

200 items per page

1 - 85 of 85 items

Database Pages – *Table Analysis*

Home Alerts System Databases Overview Activity UPDATED Areas Backups Latch/Res./TXE Transactions Before-Image OE Replication Pro2 Table I/O **TABANALYS** Index I/O IDXANALYS Middleware MDBA

2024-08-03

Search: []

Drag a column header and drop it here to group by that column

Area	Table	Recs per Block	Records	Fragments	Size	Min	Max	Avg	Frag Factor	Fragmented	Scatter
icswu	icswu	128	55,687,788	61,286,166	84.6 GiB	682	7,366	1,709	11	10.1%	1.0
glet	glet	128	384,955,373	386,576,333	58.5 GiB	130	398	171	1.0	0.4%	1.0
oeel	oeel	128	101,251,697	163,714,408	55.0 GiB	445	1,343	612	1.6	61.7%	1.0
default	icil	128	156,302,051	188,926,785	42.2 GiB	256	410	303	1.2	20.9%	1.0
icsw	icsw	128	57,249,047	63,579,555	27.8 GiB	304	1,656	545	11	11.1%	1.0
oeeh	oeeh	128	32,845,442	47,825,792	26.8 GiB	521	1,739	917	1.5	45.6%	1.0
reports	sapbo	128	204,220,548	204,221,317	21.6 GiB	86	2,756	119	1.0	0.0%	1.0
aret	aret	128	68,785,984	123,856,114	21.6 GiB	255	859	352	1.8	80.1%	1.0
custom	icce	128	57,236,507	65,019,469	21.4 GiB	350	800	420	11	13.6%	1.0
notes	notes	32	100,381,913	101,609,728	21.1 GiB	113	1,129	236	1.0	1.2%	1.5
apet	apet	32	61,276,984	98,744,764	18.2 GiB	244	519	334	1.6	61.1%	1.0
icet	icet	128	99,407,616	99,673,276	17.5 GiB	116	280	198	1.0	0.3%	1.0
default	wiel	128	49,891,711	50,301,772	17.1 GiB	132	1,020	385	1.0	0.8%	1.0
rebates	pdsr	128	89,703,485	91,165,106	14.1 GiB	139	248	176	1.0	1.6%	1.0
default	transactions	128	47,728,304	47,925,772	13.5 GiB	184	521	320	1.0	0.4%	1.0
addon	addon	128	133,802,630	133,802,781	13.4 GiB	92	178	112	1.0	0.0%	1.0
poel	poel	128	23,960,912	39,206,486	9.7 GiB	346	2,096	457	1.6	63.6%	1.0
default	wieh	128	22,267,728	22,353,289	8.3 GiB	152	1,092	421	1.0	0.4%	1.0
com	com	64	27,786,491	28,215,921	8.2 GiB	102	1,094	331	1.0	1.5%	1.0
default	wlem	128	25,356,305	25,360,746	7.9 GiB	210	998	350	1.0	0.0%	1.0
events	event_trani_sub	64	50,021,779	50,021,783	7.5 GiB	126	728	170	1.0	0.0%	1.0
oeel	oeelectra	128	55,530,718	56,473,906	7.0 GiB	111	240	141	1.0	1.7%	1.0
wfel	wfel	32	21,227,476	27,060,802	6.8 GiB	298	568	358	1.3	27.5%	1.0
custom	zzelcrls	128	115,467,204	115,467,204	6.8 GiB	51	94	66	1.0	0.0%	1.0
poeh	poeh	128	10,060,897	16,719,263	5.7 GiB	400	968	641	1.7	66.2%	1.0
custom	zapeie	128	35,834,483	35,834,483	5.3 GiB	129	239	167	1.0	0.0%	1.0
default	oerbt	128	28,791,506	28,791,506	5.2 GiB	195	224	206	1.0	0.0%	1.0
default	audit	128	41,507,092	41,507,095	5.1 GiB	86	1,058	137	1.0	0.0%	1.6

Database Pages – *Index I/O*



Database Pages – Index Analysis

Home Alerts System Databases Overview Activity UPDATED Areas Backups Latch/Res./TXE Transactions Before-Image OE Replication Pro2 Table I/O TABANALYS Index I/O **IDXANALYS** Middleware MDBA

TABLES INDEXES AREAS

2024-08-03

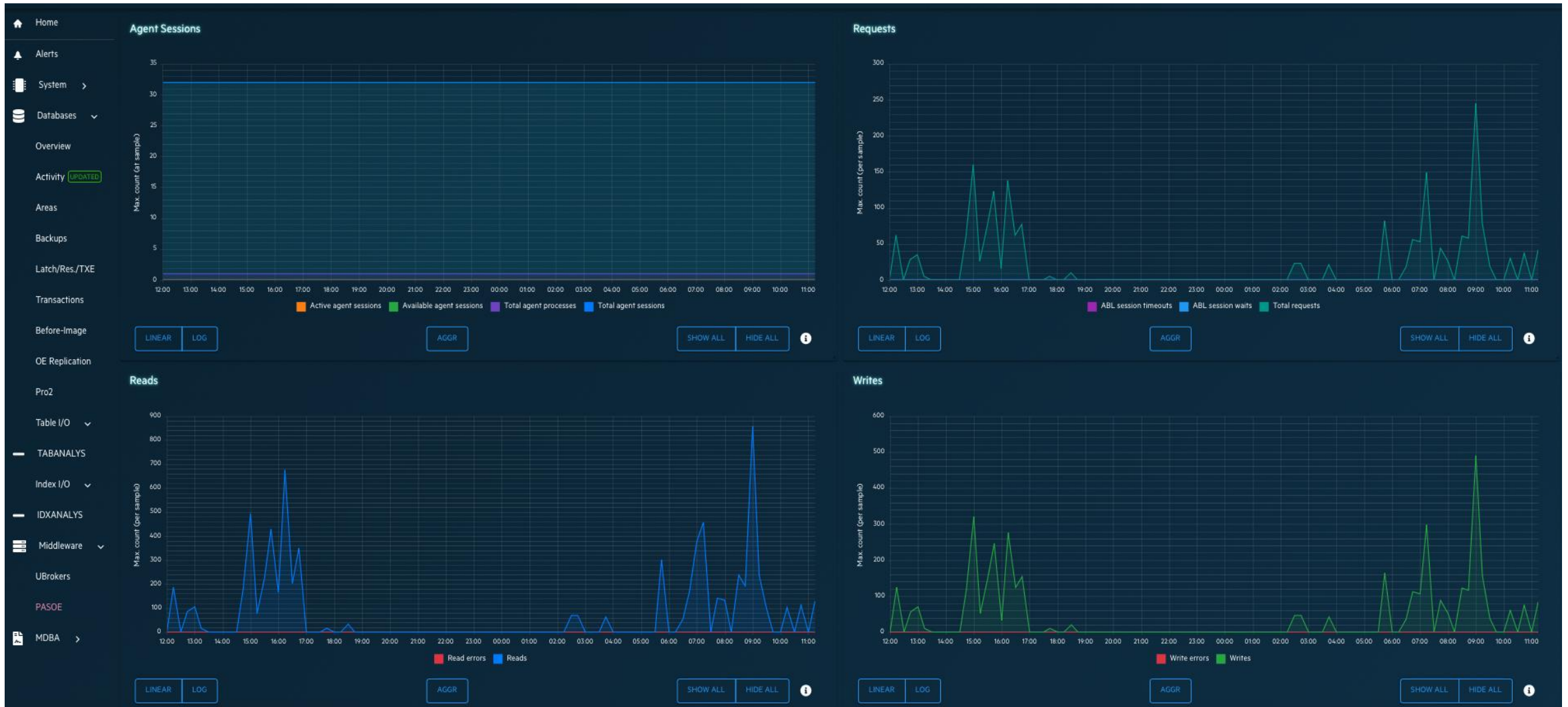
Search

Drag a column header and drop it here to group by that column

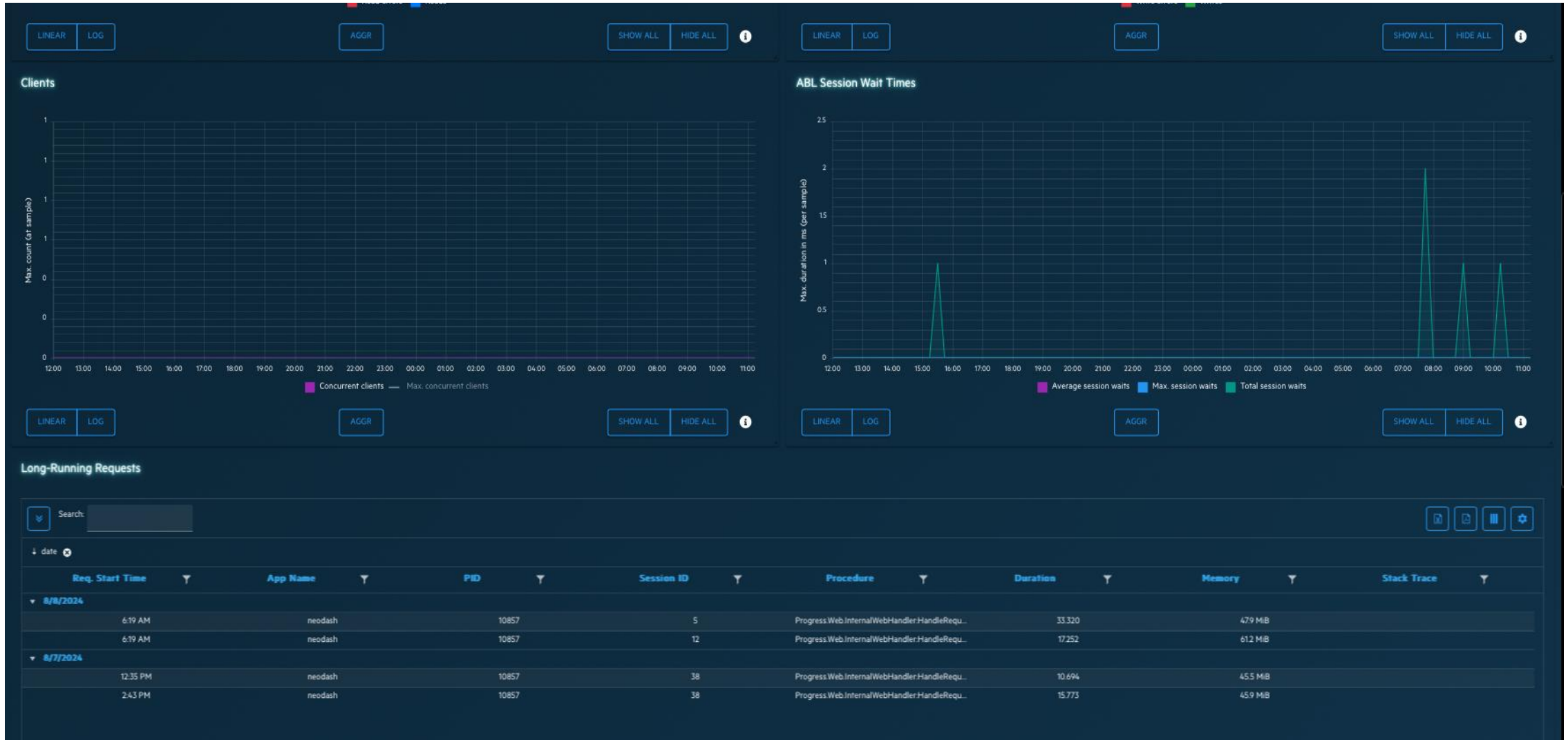
Area	Table	Index	Recs/Block	Fields	Levels	Blocks	Size	Utilization	
	default_idx	pdsc	k-pdprod	1	2	3	8,406	42.6 MIB	66.6%
	custom_idx	iccc	k-iccc	1	5	3	6,044	42.1 MIB	91.7%
	default_idx	glisa	k-rowpointer	1	1	3	6,167	41.2 MIB	88.0%
	default_idx	icseu	k-rowpointer	1	1	3	7,040	40.7 MIB	76.1%
	default_idx	wlicsw	k-wlicsw	1	3	3	6,463	40.7 MIB	82.8%
	apet_idx	apet	k-pidgrl	1	4	3	6,573	40.6 MIB	81.4%
	custom_idx	oeeh	zzk-rma	1	2	3	7,109	40.5 MIB	75.0%
	default_idx	audit	k-createdt	1	2	3	9,153	40.0 MIB	57.5%
	default_idx	icsp	k-rowpointer	1	1	3	7,677	39.7 MIB	70.0%
	default_idx	icseu	k-icseu	1	3	3	6,334	39.3 MIB	81.5%
	rebates_idx	pdsr	k-enddt	1	3	3	7,920	38.9 MIB	64.6%
	custom_idx	zzpdwithem	k-keyindex	1	1	3	8,239	38.6 MIB	61.5%
	smanager_idx	smsep	k-prodcat	1	6	3	6,567	38.4 MIB	76.8%
	default_idx	sasj	k-proc	1	3	3	6,085	38.3 MIB	82.8%
	rebates_idx	pder	k-rebrecno	1	3	3	6,226	38.2 MIB	80.7%
	arett_idx	arett	k-paiddt	1	8	3	6,764	38.1 MIB	74.1%
	rebates_idx	pdsr	k-contractno	1	3	3	6,753	38.1 MIB	74.2%
	smanager_idx	smsep	k-smsep	1	6	3	6,544	37.8 MIB	75.9%
	default_idx	oeeha	k-oeeha	1	7	3	5,482	37.7 MIB	90.4%
	default_idx	icsep	k-prod	1	4	3	8,551	37.0 MIB	56.9%
	default_idx	pick	co_wh_o_s_l_s_status	1	7	3	8,263	36.9 MIB	58.7%
	default_idx	pick	o_s_l_s_status	1	5	3	8,257	36.8 MIB	58.7%
	default_idx	audit	k-proc	1	2	3	5,281	36.6 MIB	91.2%
	default_idx	glisa	k-glisa	1	6	3	5,780	36.6 MIB	83.4%
	rebates_idx	pder	k-transdtmz	1	1	3	12,304	36.5 MIB	39.1%
	default_idx	sasos	k-sasos	1	3	3	7,714	36.5 MIB	62.3%
	custom_idx	zzpdep	k-contract	1	8	3	7,154	36.2 MIB	66.5%
	custom_idx	zzpdep	k-dep2	1	7	3	7,489	36.2 MIB	63.7%

153 / 420 of 3748 items

Middleware Page - PASOE



Middleware Page - PASOE



Middleware Page - PASOE

Long-Running Requests

Search:

↓ date

Req. Start Time	App Name
8/8/2024	
6:19 AM	
6:19 AM	
8/7/2024	
7:44 AM	
7:54 AM	
12:35 PM	
2:43 PM	
8/6/2024	
7:53 AM	
12:13 PM	
12:12 PM	
7:44 AM	
7:53 AM	
7:44 AM	
9:27 AM	
8/5/2024	
7:59 AM	
7:59 AM	
6:19 AM	
7:59 AM	
8/4/2024	
1:05 AM	
1:05 AM	
8/2/2024	
7:35 AM	
1:56 AM	

SESSION INFORMATION

Agent Session ID: 27

Broker Session ID: SnuTgWdyQPO-H7ofEQ3Jqg

Startup params: -pf /apps/dlc/startup.pf;-cpinternal ISO8859-1;-cpstream ISO8859-1;-cpcoll Basic;-cpcase Basic;-d mdy;-numsep 44;-numdec 46;(end .pf);-logginglevel 2;-logfile /apps/wrk/needash/logs/needash.agent.(yyyy-mm-dd).log;-uburl AppServerDC://0.0.0.0:43577/;-logname needash;-logentrytypes ASPlumbing.DB.Connects;-ubpropfile /apps/wrk/needash/conf/openedge.properties;-ASID 1;-ipver IPV4;-sectok XXXXXXXXXXXXXXXXXXXX;-T /apps/wrk/needash/temp;-db /db/dwh;-db /db/authdb;-Bt 32768;-q;-reusableObjects 0

PROPATH: /apps/wrk/needash/webapps/ROOT/WEB-INF/openedge;/apps/wrk/needash/ablapps/needash/openedge;/apps/wrk/needash/webapps/ssoprod/WEB-INF/openedge;/apps/wrk/needash/webapps/ROOT/WEB-INF/openedge;/apps/wrk/needash/webapps/ROOT/WEB-INF/openedge/util/email/templates;/apps/wrk/needash/openedge;/apps/dlc/tty;/apps/dlc/tty/OpenEdge.Core.pl;/apps/dlc/tty/adecomm.pl;/apps/dlc/tty/adeshar.pl;/apps/dlc/tty/adeedit.pl;/apps/dlc/tty/adecomp.pl;/apps/dlc/tty/dataadmin.pl;/apps/dlc/tty/product.pl;/apps/dlc/tty/OpenEdge.BusinessLogic.pl;/apps/dlc/tty/OpenEdge.ServerAdmin.pl;/apps/dlc/tty/ablunit.pl;/apps/dlc/tty/netlib/OpenEdge.Net.pl;/apps/dlc;/apps/dlc/bin

DATABASES

Logical Name	Type	Name
dwh	PROGRESS	/db/dwh
authdb	PROGRESS	/db/authdb

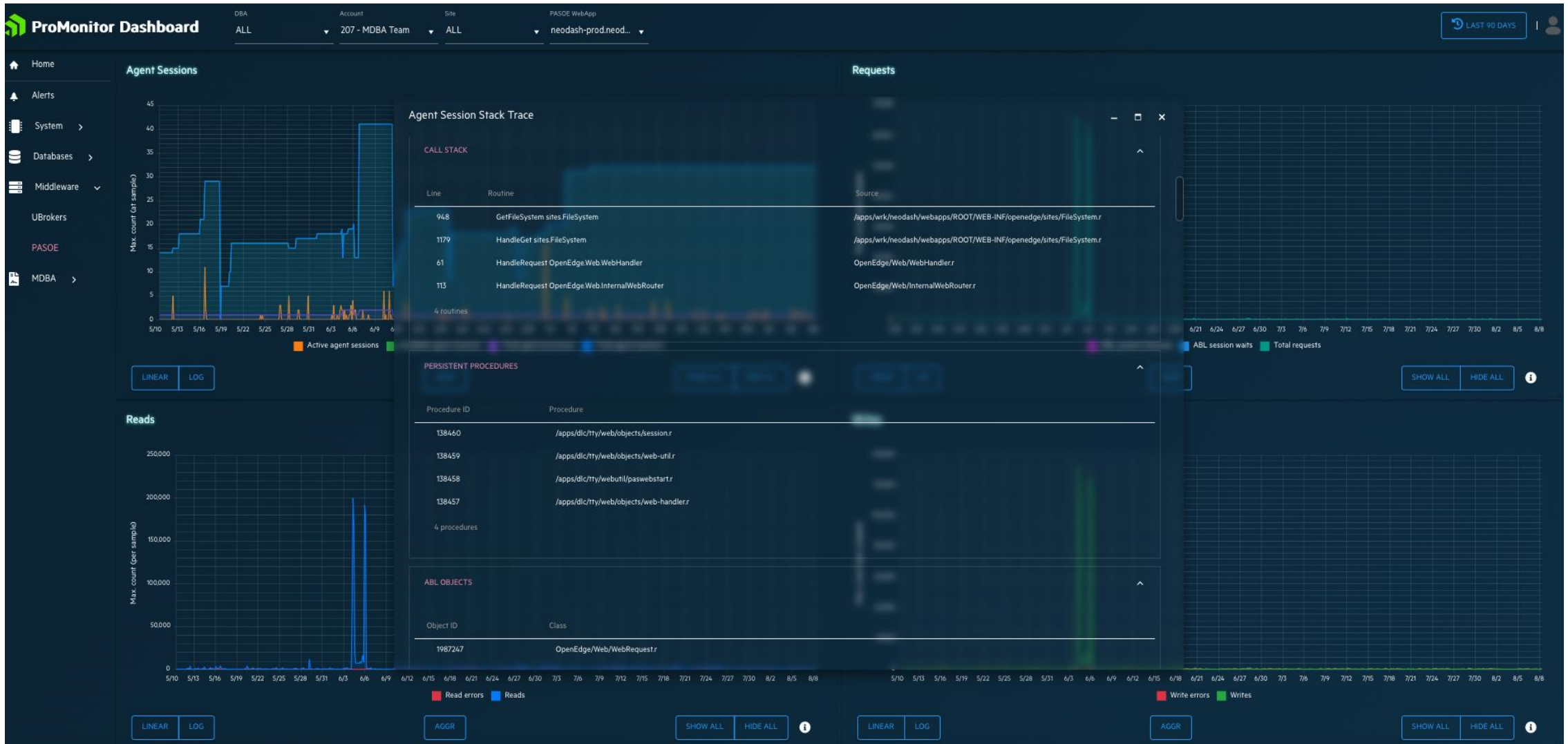
2 databases

CALL STACK

Line	Routine	Source
10857		Progress.Web.InternalWebHandler.HandleReq...
38		Progress.Web.InternalWebHandler.HandleReq...
10857		Progress.Web.InternalWebHandler.HandleReq...
4		Progress.Web.InternalWebHandler.HandleReq...
10857		Progress.Web.InternalWebHandler.HandleReq...

Memory	Stack Trace
479 MB	
612 MB	
465 MB	
467 MB	
455 MB	
459 MB	
580 MB	
577 MB	
450 MB	
340 MB	HIDE STACK
341 MB	Click to hide the stack trace
412 MB	SHOW STACK
419 MB	
414 MB	
529 MB	
312 MB	
468 MB	
439 MB	
384 MB	
392 MB	
388 MB	

Middleware Page - PASOE



Proactive

Proactive


Onboarding includes mini-database health check

Monthly reports

- Primary DBA can review with meeting
- Includes preventative recommendations
- Review of alerts and actions for the month

Progress[®]
Managed Database
Administration Services

Company
July 2023

 **PRIMARY DBA MESSAGE**

Server:
=====

1) Extent Maintenance: At this time there is no maintenance required.

2) Index Compactions: At this time, there are 23 indexes within the nxt.db and 16 indexes within the nxtwi.db that would benefit from index compactions. This activity can be performed on-line without any downtime, but would be best performed during non-peak hours. Index compactions improve the index utilization as frequently updated indexes degrade over

Proactive

Summary includes

- Unused Indexes
- Buffer Hit Ratio
 - DB requests and reads
- Database Growth
- Area Growth
- Alert trend and type
- Indexes needing compaction
- Fragmentation and scatter

Month	Database Requests	Database Reads	Buffer-Hit Ratio
Jul	5,985,127,795	34,137,755	175
Jun	5,577,441,150	37,137,762	150
May	5,216,637,109	32,368,396	161

Previous Size	Current Size	Growth	6 Months Size (est)
154,493	156,332	1,839	167,366
25,333	25,788	455	28,518

Area	Growth	Total Size	% Full	Proj Size	Proj % Full
event	5	9,150	100	9,185	100
transient	16	21,583	99	21,695	99

Alert Type	Severity	Jul	Jun	May	Apr	Mar	Feb
Database Backup Time Limit Exceeded	Critical	0	0	1	153	0	0
Database Unavailable or Down	Critical	30	6	120	0	0	0
Transaction Duration in Minutes	Critical	8	6	0	0	0	0
BI Size in Megabytes	Critical	2	0	0	0	0	0

More!

More than just Monitoring

- Install and configure products / features
- OpenEdge Replication (for HA and DR)
- OpenEdge Pro2 (for BI reporting)
- TDE
- Reorganize your data for best performance
- Dump and Load
- Pro2Pro
- Updates and upgrades
- Platform migration

Available MDBA Plans

Plan	Includes
MDBA	Everything in previous slides Including 1-hour critical SLA
MDBA Plus	Everything in MDBA + a block of highly discounted hours
MDBA for Partners	Everything in previous slides Partner is first line response on alerts MDBA available on request Including 1-hour critical SLA

MDBA Summary

- 24/7 monitoring and support with guaranteed response time
- Preventive and proactive maintenance
- Monthly reports
- Web-based dashboard
- DBA experts handle your database management tasks

95% of surveyed businesses using Progress Managed DBA describe the knowledge and experience of their Progress consultants as “really great” or “off the charts amazing!”

