HOW TO CONFIGURE PHYSICAL OBJECT LOCKING FOR PEOPLETOOLS 8.54+

You can configure Stat to physically secure PeopleSoft proprietary objects in their native environment the moment they are locked in a CSR. This ensures that the developer assigned to the object is the only one working on it. In addition, you can set up the Stat Central Agent to run synchronization jobs at specified time intervals to ensure that the Stat Repository and your PeopleSoft environments remain synchronized. By default, the prefix for POL (Physical Object Locking) will be set to STAT. An alternative group name can be change in **Maintenance | General | PeopleSoft Connect | Stat PSOPRID column**.

- Create a unique PSOPRID if you haven't done so by navigating to PeopleTools | Security | User Profiles
- Create a unique Primary Permission List for each user. In this example, I've created a Primary Permission List (PPL) called STAT_NANCIPPL.

← → C ▲ Not secure https://pt856.local.org:8443/psp/ps/EMPLOYEE/HRMS/c/MAIN
Manager Self Service
Permission List Save As
Save Permission List PTPT4800 To STAT_NANCIPPL

C Refresh

Return to Search

Open up the user profile and change the primary to be the unique PPL for the user

$\leftarrow \rightarrow \mathbb{C}$ A Not secure https://pt856.local.	org:8443/psp/ps/EM	PLOYEE/HRMS/c/MAINTAIN_SECURITY.U	SERMAINT.GBL
∢ Perm. List Save As			User Pro
General ID Roles Workflow Audit Lini	ks User ID Queries		
User ID NANCI Description NANCI CHAU		Account Locked Out?	
Logon Information			
Symbolic ID SYSADM1 Change Password?	¥		
Password Expired?			
User ID Alias Edit Email Addresses		Instant Messaging Information	
General Attributes			
Language English Currency US Dollar Default Mobile Page	¥ 	Enable Expert Entry	
Permission Lists			
Navigator Homepage HCSPNAVHP	Q	Primary STAT_NANCIPPL	Q 🕜
Process Profile HCSPPRFL	Q	Row Security HCDPALL	Q
General ID Roles Workflow Audit Links User ID Que	eries	📑 Add 🖉 Update	e/Display

Go to Maintenance | General | Peoplesoft connect and check physical locking option

1.0	F2 C2 (00)			and appendix the											
roe/E.c	SK Hecords														
	Copy	Test Connection Sort Film New	Dalata	File Locations	PS Options										
Artist	Program	ment Cd E Description	Same	DB B DS Version	Data Obi Version	Physical Locking	Rep. Mirr. Americal	DBMS	Suntay Override	ODEC DSN	Database Name	DB Liver ID	DB Password	Database Server	Sty Login I
R.	PRESTMI	Red Text - Mill		0.444			F	Managed SOL Server			P394457101	10	Finter Rassword	18V7L/PWD2	14
R.	P846SDM1	846 Dev - MSS		8.45+			Ē	Microsoft SQL Server			PerfSOM1	SYSADM	Enter Password	IRVSUPW02	SYSADM
V	P0455PM1	045 Prod - MSS	E	8.45+		E	Г	Microsoft SQL Server			P0455PML		Enter Password	IRVSUPW02	
R	P04555M1	845 Staping - MSS	R	8.45+				Microsoft SQL Server			PROTESSING	SYSADM	Enter Password	IRVSUPW02	50
V	P0455TML	045 Test - MSS	E	8.45+			E	Microsoft SQL Server			PB455TML	SYSADM	Enter Password	IRV5UPW02	5.0
R	P84600P15	Dev 8.46 Sol Server		8.16+				Microsoft SQL Server		PRHEDOMS	P8460DMS	50	Enter Password	IRMLNRW02	50
F	P0460PMS	Frod 0.46 Sol Server	E	0.46+		E	E	Microsoft SQL Server		P046DFMS	PREGOPHS	60	Enter Password	IRVAND/WO2	58
R	P846DSMS	Staging 8,46 Sol Server	R.	8.46+			E	Microsoft SOL Server		P046D5M5	P046DSMS	10	Enter Password	IRMLNR/WO2	2.0
V	PRMOTHS	Test 8.46 Sql Server	E	8.46+		E	Г	Microsoft SQL Server		PRHEDTMS	PRHOTMS	50	Enter Rassword	TRYLING WOR	50
R.	PRANCEPTS	DIB Day - MSS		0.404			E	Managed SQL Server			PRODUCTS		Enter Pastword	HEM. NOWCO	
R	PRARDEMS	848 Prod - MSS		8.49+				Microsoft SQL Server			PRHODEMS	50	Friter Ressured	TRM NOW12	50
1	PREPORT	Diff Text - MSS		0.404			E	Mirroroft SOL Server			PRAND TMS		Enter Recovered	18 M ADDAGO2	
R	P8485D01	848 DEVELOPMENT "D"		8.40+				Orade			P0405D01	syspend	Erder Password	PR485DO1	sysprod
R.	P0405F01	040 PRODUCTION "D"		0.40+	1		R.	Oracle			P0405P01	systemed	Enter Password	P0405P01	sysprod
R	P8485501	848 STAGING - OBACLE-1	R	8.404			×	Oracle			P8485501	systemat	< Enter Rassword	00485501	systam
R.	P040ST01	040 TESTING - ORACLE		0.40+	1		×	Oracla			PROSTOL		Friter Bassword	PD405TO1	system
R	P8505D01	PORTAL 850 DVELOPMENT - ORACLE		0.50+	4		E	Oracle			P8505D01		Foter Password	P8505D01.prod.quest.corp	DYSEDM
R.	P8505P01	PORTAL ISSO PRODUCTION - ORACLE		8.50+	4		¥	Oracle			PREOSPO1		Friter Rassword	P8505P01.prod.guest.com	SYSADM
R.	P0707501	FORTAL MID STAGING - OBACLE	R.	0.504				Oracle			P#505501		Finter Password	P0505501 aread mant corp.	SYSACM
×	P8505T01	PORTAL 850 TEST-ORACLE		8.50±			R.	Oracle			P8505P01		Friter Ressured	P8505P01 and guest com	SYSADM
R	P0515001	PM515001		0.514			E	Oracla			P#515D01		Enter Retrand	P0515001	SYSACM
12	P05150017	1 E051500171		0.514				Oracla			P8515001		Enter Password	00515001	SYSADA
100	P0515201	HR 051 RR00		0.51+		12	R.	Orada			00515001		Enter Partnered	00515001	SYSADA
R	P8515501	HR PS1 STAGING	R	8.51+		E	E	Oracle			P8515501		Enter Password	P8515501	SYSACM
R	P0515T01	HB TEST		0.51+			E	Oracla			P0515P01		Friter Bassword	P0515D01	SYSACM
1	PASALDOR	Portal 254 Development		0.744				Oracle			million artest		Enter Recovered	nt Stader	officienc
E.	POCALIDOD	Portal 954 Production		0.544				Orada			n954 por	o@Secul	Lines Farmers	0954-007	contenud
100	BASALISOR	Postal 654 Stanton	1	0.044				Oracle			milling more	poorgeo	Fotos Baccusted	post lapor	poor spro
10	ROSALITOR	Rostal SEA Test	1	0.544				Oracle			pilling tor		Enter Password	officientos	00549-0
100	Patronsia	Particular Contractor	×	0.071		R.	F	Oracia			P8751001		Enter Patroned	PRESSOOL	SYSACM
10	Parssport	Peoplesoft 8.55 Development		0.054		N.		Oracia			1471492		Enter Password	hermone.	SYSACAS
10	POTSSED1	Decriment 0 55 Production		0.054				Oracia			P8555002		Enter Password	PRESSDO2	SYSACAN
10	Departure 1	MR REF Paralisement				E C	E	Oracle			nemosition a		Enter Password	Deserved	ST SHOT
1	205650011	kill 056 Development 11		B.564				Create			1022024		Little Passento	100001024	SYSACM.
1	P/750/5E/01	HR 756 Production		8 504			-	Onerte			PRINCIPO1		Enter Recount	P2545P01	SYSACM
100	P0560501	HP 056 Stacks	F	0.064				Overla			P2545501		Enter Passivoro	P0545501	SVSADA
100	STAGMON	STACING 1		0.124		17		Oracle			0000001		Enter Password	PRI 22501	5754041
17	NOCK OR	THE REPORT OF AD	14	0.441		1.	1.1	oned public	100	00000101	000000	0001044	Line Public		

Optional: Double click the environment to exclude certain object type from POL. In this case, I've excluded ps/query, tree/tree structure and project from POL. This mean that user who have a valid PSOPRID/password can open up the objects in app designer without having to lock the object in Stat.

ds															
w Te	st Connection		File Locations	.	PS Options	1									
al Elo I	(ainton anco	Concolor Doporte Tools Migrati	on Maret Object Mare	· 12	or Options - We	odow	Halo								
 		🔾 📣 🗖 🖓 📩 😁 🖼 🛶 🗖	B -2	. 05	ei opdons wi	i dow	nep								
V L E		< œ ≡® ⊡⊡⊡⊨ u													
Browse/Edit	Records														
	Copy	Test Connection Sort Filter	New Delete	E F	le Locations	P P	S Options - P856S	D011					×		
						PC	Options by Databa	Direct Lock Exclu	sions Microtion	Annroval List			_		
Active	 Environm 	ent Cd 🌞 Description	Sta	ging Di	8 * PS Version		options by bacaba	~ L	Ingradori				1	Database Name	DB User 1
M	P844STM1	844 Test - MSS			8.44+	[E Business P	Incess			 Select All 	1		P8445TM1	sa
	P8455DM1	845 Dev - MS5		<u> </u>	8.45+		SQL	00000		C C	C.L. IN	1		P8455DM1	SYSADM
V	P8455PM1	845 Prod - MSS		<u> </u>	8.45+		Menu				Select None			P8455PM1	sa
	P84555M1	845 Staging - MSS		V	8.45+		Page							P84555M1	SYSADM
	P845STM1	845 Test - MSS		<u> </u>	8.45+		Component							P8455TM1	SYSADM
M	P846DDMS	Dev 8.46 Sql Server		-	8.46+		PS/Query				=			P846DDM5	sa
×	P846DPMS	Prod 8.46 Sql Server		<u> </u>	8.46+		Record							P846DPM5	sa
×	P846DSMS	Staging 8.46 Sql Server		V	8.46+		Frecon XitalTranslate ✓ Tree ✓ Tree Structure					P846DSM5	sa		
¥	P846DTMS	Test 8.46 Sql Server		-	8.46+							P846DTMS	sa		
M	P848DDMS	848 Dev - M55		-	8.48+							P848DDM5	sa		
M	P848DPMS	848 Prod - MSS		<u> </u>	8.48+		Project							P848DPM5	sa
×	P848DTMS	848 Test - MSS		<u> </u>	8.48+									P848DTM5	sa
V	P8485D01	848 DEVELOPMENT "D"			8.48+		C Ann Engine	Program						P8485D01	sysprod
¥	P8485P01	848 PRODUCTION "D"		<u> </u>	8.48+		Eield	riogiani						P8485P01	sysprod
M	P8485501	848 STAGING - ORACLE-1		¥	8.48+		Activity							P8485501	sysprod
~	P8485T01	848 TESTING - ORACLE			8.48+		- · · · -				.			P848ST01	
V	P8505D01	PORTAL 850 DVELOPMENT - C	ORACLE		8.50+		1							P8505D01	
¥	P8505P01	PORTAL 850 PRODUCTION - 0	ORACLE		8.50+	Τe	st Connection					OK	Apply Cancel	P8505P01	
V	P8505501	PORTAL 850 STAGING - ORAC	DLE .	M	8.50+	L		_						P850S501	
v	P8505T01	PORTAL 850 TEST-ORACLE		<u> </u>	8.50+	4			V	Oracle				P8505P01	
4	P8515D01	P8515D01			8.51+					Oracle				P8515D01	
M	P8515D01T1	P8515D01T1		<u> </u>	8.51+					Oracle				P8515D01	
¥	P8515P01	HR 851 PROD			8.51+			V	V	Oracle				P8515P01	
~	P8515501	HR 851 STAGING		v	8.51+					Oracle				P8515501	
¥	P8515T01	HR TEST			8.51+					Oracle				P8515P01	
M	P854UDOR	Portal 854 Development		<u> </u>	8.54+					Oracle				p854udor	
2	P854UPOR	Portal 854 Production		<u> </u>	8.54+					Oracle				p854upor	p854prd
2	P854USOR	Portal 854 Staging		M	8.54+					Oracle				p854usor	
V	P854UTOR	Portal 854 Test			8.54+					Oracle				p854utor	
×	P85555501	Peoplesoft 8.55 Staging		2	8.55+			×		Oracle				P8555D01	
	P8555D01	Peoplesoft 8.55 Development		<u> </u>	8.55+			×		Oracle				HCM92	
	P8555P01	Peoplesoft 8.55 Production		<u> </u>	8.55+					Oracle				P8555D02	
	P8565D01	HR 856 Development			8.56+			V		Oracle				P8565D01	
M	P8565D011	HR 856 Development II		<u> </u>	8.56+			¥		Oracle				HR92U024	
~	P8565P01	HR 856 Production			8.56+					Oracle				P8565P01	
17 I	P8565501	HR 856 Starting		V	8.56+					Oracle				P8565501	

Go to Maintenance | General | Service domain and check ps locking for the service domain

Sort Fi	tor Now Delete	Email Settin	nga														
Address Line 3	City	🌲 State	₩Zip	Country	* Telephone	∎Last CSR #	CSR PS Tab	CSR Oracle Tab	CSR Generic Tab	Generic Application Label	PS Looking	CSR Task Tab	CSR Issue Tab	Daily Time Entry	Use Appl Env	Use Cust Prio	Chk Cu
	Long Beach	CA	90802		(562) 495-0077	588	1	1	P.			2	1	1	v		ſ
	Long Beach	CA	90802		(562) 495-0077	1	V		₹		7	2	4		v		1
	Long Beach		90802		(562) 495-0077		V	V	2	Nancitest22	P	2	P	P	V		1
	Irvine	CA	98776		(875) 545-5555	0	v	v	4	FrankTest		7	v	7	v		F
	Irvine	CA	98776		(875) 545-5555	0	1	1	4		1	7	4	4	*		F
	Irvine	CA	98776		(949) 754-8000	5	1	Y	1			7		7	*		F
	Aliso Viejo	CA	92656	USA	(714) -	0	1	v	¥.			V		V	v		
	Irvine	CA	92656	USA	(949) 754-8000	0	1	7	V			2		1	~		F
	Irvine	CA	92656	USA	(949) 754-8000	0			1			1		1	v		F
	AV	CA	92656	USA	(949) 754-8000	0			₩.			V		V			F
	Aliso Viejo	Ca	92656	USA	(949) 754-8000	0	V	V	1			V		V	v		F
	Aliso Viejo	CA	92656	USA	(949) 754-8000	0	1	V	₹.			1		2	v		F
	CR	CA	92656	USA	(949) 754-8000	1	V	V	1	Gotesting	V	1	V	₹	v		F
	Aliso Viejo	CA	92656	AUS	(949) 754-8000	0	1	¥	P.			2		1	V		F
	Panama	PA	00507	USA	(507) 390-9302	0	1	V	v			1		V	~		F
	ALISO	CA	92868		(999) 999-9999	0	1	V	1			1		2	1		F
	Also	CA	92656		(999) 999-9999	0	V	v	V			V		v	×		F

Go to Maintenance | Stat central agent | Job Maintenance and create a new ps object lock synch job. If you could not locate the environment from the drop down list, then verify to see if the environment is part of the peoplesoft migration path.

What is PS Object Lock Sync job and why it is necessary to run it?

This job makes sure that the PeopleSoft Object Security groups contain the correct objects. They might not contain the correct objects if, for example, someone has modified the group definitions in PeopleSoft. The job has two steps:

• Sync objects locked in Stat by Stat developers with the Object Security Groups for the PeopleSoft developers in PeopleSoft

• Sync all objects in PeopleSoft with the Stat_Read and Stat_Exclud Groups in Object Security

There are two key differences between the physical locking that occurs when users lock objects in a CSR and the PS Object Lock Sync job:

• When a user saves a CSR after locking an object associated with it, Stat Central Agent automatically processes this object lock. It inserts a row in the Assigned Developer's Object Security Group in PeopleSoft for the locked object. This is not done using the PS Object Lock Sync job. Stat Central Agent does it automatically in the background. Once Stat Central Agent finishes this process, the developer can open and modify this object in PeopleSoft.

• You can schedule the PS Object Lock Sync job to run for the selected PeopleSoft environment any time you wish. It is recommended to run it once or twice a day during

nonpeak hours. However, this job might need to be run more often depending on how many newly objects get created. If there are newly object get created very often then the job needs to be run more frequently or run it on demand as necessary.

🔛 Job Maintenanc	e - (Untitled)					8	Indow
Job Definition	Schedule Error	r Notificatior	n				
Job Definition	on ———		~	Job En	abled		Doma
Job Nbr	(New)	Owner	SYSTEM				
Job Class	PS Object L	.ock Sync		-			
Description	P856SD02-	PS Object L	.ock Sync				
Job Priority	5						
PS Databas	e P856SD02	-					
				OK	Apply	Cancel	
563	УРНАМ В	PotEmail	Email Repor	÷			

The first time the job ran, it will create STAT_READ, STAT_EXCLUD (if user check objects to be excluded from POL, and STAT_PSOPRID (if user added at least one object via Stat).

- Logon to the Peoplesoft portal | go to Peopletools | Security | Permission List and Roles. Locate the user Primary Permission List.
- Open up the PPL | go to Definition Security tab and add STAT_READ, STAT_EXCLUD (if there are objects to be excluded) and STAT_PSOPRID. Set STAT_READ to display only.

\leftrightarrow \rightarrow C \blacktriangle Not secure \mid ht	t <mark>ps</mark> ://pt856.local.org:8	3443/psp/ps/EMP	PLOYEE/HRM	S/c/MAINTAI	N_SECURITY.A	ACCESS_CNTRL_LISTX.GB	L
< Search Groups						Permission	Lists
Search Groups Definition Se	curity ACM Template	es Permission L	ist Queries				
Permission List STAT_NANCI	PPL						
Description STAT_NANCIPPI	.: clone of PTPT4						
Definition Personalize Groups	Find View All	📑 🛛 First 🕚	1-3 of 3 🕑 Last				
Definition Group		Display Only					
STAT_READ	Q		+ -				
STAT_EXCLUD	Q		+ -				
STAT_NANCI	Q		+ -				
Definition Type Permissions							
Return to Search		🔒 Add 🛛 🖉 Upc	late/Display				
General Pages PeopleTools Proces	s Sign-on Times Comp	onent Interfaces V	Veb Libraries	Web Services	Personalization	is Query Mass Change Li	inks Audit Data M

When the PS object lock sync job run, it will take a look at all the objects that was added in Stat for example by NANCI and will put it into STAT_NANCI group. Therefore, only NANCI could open these objects and no one else except a us er with PeopleSoft Admin role.

To test whether or not POL is working properly.

Add an object into a csr. In this case, I've added an activity called Calculate Retro Pay. This object will automatically get added to STAT_NANCI group.

$\leftarrow \rightarrow$	C A Not se	ecure https :/	/pt856.lo	cal.org:8443/psp/	ps/EMPLOYE	E/HRMS	S/c/MAINTAIN_	SECURITY	PTDEFSECSRCH.GI
🔇 Defi	nition Secur	rity							Definiti
Group Cor	ntent <u>S</u> ummary	Group Conte	nt Detail	Inclusion Rules	Group Permi	issions	Group Users		
	Definit Ot	tion Group S ⁻	TAT_NANC	:1	V	Inse	rt Definitions		
Definition	ns		Personalia	ze Find View All	2	First 🕚	1 of 1 🕑 Last		
	Dynam	ic Flag	Activity Na	ime					
]	Calculate	Retro Pay					
Se	elect All	Un-	select All	Del	ete				
Save	Sa	ave As		Return to Search	1				

Broup Content Summary | Group Content Detail | Inclusion Rules | Group Permissions | Group Users

> Now logon as NANCI and was able to open this object



Try to open another object that hasn't been locked via Stat and got read-only prompt

ie Edit View Insert Build Debug Tools Go Window Help D 22 II 20 20 20 20 III 20 20 20 20 20 20 20 20 20 20 20 20 20	Open Definition X
	Definition Activity Open Selection Criteria Cancel Name CHANGE_SALAFIES Owner ID Description Application Designer New Search Project CHANGE_SALAFIES (Activity) is not an object that you Image: Change Chan

Additional Info: In order to be able to open record peoplecode, component peoplecode, app engine peoplecode, user needs to make sure to add the parent object along with it. For example, I've added a record peoplecode name AA_COST_RT_JPN.EMPIL (RowInit) in a csr, then I need to make sure to add the record AA_COST_RT_JPN in order to open the record peoplecode.

SUMMARY TIPS OF HOW TO CONFIGURE POL

- Starting with Peopletools 8.54+, there is no need to create a page called ZZSTATDONOTDEL as a place holder. STAT_READ, STAT_EXCLUD, STAT_PSOPRID will automatically get created once the ps object lock synch job run if at least one object is locked in a csr. When you first configure POL, you only need to do the following steps:
- 1. Create a unique Psoft userid if you don't have one. If you do, then skip this step
- 2. Create a unique PPL for the user
- 3. Link the unique PPL to the user profile
- 4. Enable use physical locking and ps locking in stat
- 5. Make sure to enter a valid PSOPRID in User Options | Peoplesoft Options in order for Stat to lock the objects in the correct PPL.
- 6. Run the ps object lock synch job and it's will create STAT_READ, STAT_EXCLUD, STAT_PSOPRID if user have added the object in Stat. If not, then no STAT_PSOPRID get created.
- 7. Link STAT_READ, STAT_EXCLUD (optional), STAT_PSOPRID to the PPL. Set display only for STAT_READ group.
- If any new stat user who added objects after the ps object lock get run then make sure to run the ps object lock synch job again and link the unique PPL to STAT_READ, STAT_EXCLUD, and STAT_PSOPRID.