AGENCY SECURITY OFFICER TRAINING

THURSDAY, APRIL 27, 2017

CONTENT

- INTERNAL CONTROL
- RACF ID
- PASSWORDS
- AGENCY SECURITY OFFICERS (ASO)
- SECURITY REVIEW

- R*STARS
- DATAMART
- OSPS
- ADPICS
- CONTACTS

Internal Control

A process effected by management and other personnel, designed to provide reasonable assurance regarding the achievement of objectives in the following categories:

- Effectiveness and efficiency of operations
- Reliability of financial reporting
- Compliance with applicable laws and regulations



Internal Control

Oregon's internal control framework is based on the standards set by **The Committee of Sponsoring Organizations of the Treadway Commission** (COSO).

According to the COSO model, internal control consists of five interrelated components, which are:

- Control environment
- Risk assessment
- Control activities
- Information and communication
- Monitoring



Internal Control

Management of the State is responsible for:

- Establishing and maintaining internal control
- Developing control procedures that ensure the systems access granted to each user is appropriate and consistent with the user's job duties.

As part of the management, Systems Security must perform activities in the form of directive (policies and procedures), preventive (verifying and validating requests), and detective (Semi-annual Security Review) controls in order to achieve effectiveness and efficient resource usage.



RACF ID

RESOURCE ACCESS CONTROL FACILITY ID

- Needed to access financial systems
- Components
 - 3 letters Agy
 - 2 additional letters
 - 2 numbers AGYXX##
- Temporary Service Workers
 - Job rotations
 - 2nd concurrent agency position
 - Any temporary worker, contractor, student, or volunteer

RACF REQUESTS

- Request is to be from the agency personnel security officer or an HR appointing authority
- Email to:
 - GROUP.PPDB@OREGON.GOV

PASSWORDS

- No sharing of passwords or User ID's
 - Shared passwords or User ID's will cause revoking from all financial systems
- Resume vs. Reset
 - RESUME knows password but entered incorrectly
 - RESET password was forgotten or expired
- Who can ask for password?
 - Only the owner of the User ID

PASSWORD RESETS

- Where to send password reset requests
 - Mainframe (SFMA AND OSPA)
 - DAS.RacfUserAdm@Oregon.gov
 - User includes name, RACF Id, and system name
 - DATAMART
 - https://dasapp.state.or.us/DatamartApp

AGENCY SECURITY OFFICERS (ASO)

- Establishing ASO minimum 2 per system
- ASO Responsibilities
- Sending Requests
- Email List for Security Officers

ESTABLISHING ASO

- Agency CFO or designate completes and sends
 Agency Security Officer Notification Form to
 Systems Security:
 - Designate new security officer
 - Change authorization rights
 - Revoke authorization
- Done within one business day of the change event
- Appointment effective when form is received

ESTABLISHING ASO - CONTINUED

Grants authorization rights for financial systems:

- R*STARS
- ADPICS
- OSPA
- Datamart

Assigns semi-annual review responsibilities

ESTABLISHING ASO - CONTINUED

ASO Notification

Form

• OAM 10.70.00



Agency Security Officer Notification Form

This notification is to add, change, or remove Agency Security Officer (ASO) authority for the Financial Systems - R*Stars, ADPICS,

Assignment of ASO authorization rights must be made by the Agency CFO or designate on record with Systems Security. The CFO or designate will receive the ASO verification reports during the Semi-annual Security Review for confirmation of assignments.

revised 7-6-15

- ,	tems Security within 24 hours of change in ASO duty assig	nment.
Provide the following required information	· · · · · · · · · · · · · · · · · · ·	
Agency #: (5-digit) Agency Name	:	
Additional Information		
Action:	Employee #1	
ASO Name:	E-mail Address:	Phone #: Ext:
ASO System Authority Assignment	(please check applicable boxes)	1
RStars ADPIC	S OSPA	Datamart
Should this ASO receive reports fo (NOTE: only one ASO may receive the rev	the Semi-Annual Security Review? iew, per system)	Yes No No
If Yes, please Indicate which reviev	/s: All RStars ADPICS	OSPA Datamart
Action:	Employee #2	
ASO Name:	E-mail Address:	Phone #: Ext:
ASO System Authority Assignment	(please check applicable boxes)	
RStars ADPIC	S OSPA	Datamart
Should this ASO receive reports fo (NOTE: only one ASO may receive the rev	the Semi-Annual Security Review? iew, per system)	Yes No No
If Yes, please indicate which reviev	/s: All RStars ADPICS	OSPA Datamart
Authorizing Signature and Title	Da	te:
Ing organicale and the		-
TI 050 1 1 1 1 1 1 1 1		
	nis form with their typed signature must be the same pers mail' button provided. Scans, or e-mails sent through an	

Submit by E-mail

Print Form

ASO RESPONSIBILITIES

 To maximize system security by minimizing the access of each user while preserving a reasonable degree of operational efficiency

 To the best of each security officer's knowledge, provide assurance of no unnecessary access through timely completion of security reviews

ASO RESPONSIBILITIES - CONT.

- Receive information from management
- Verify current and requested access is compatible and necessary
- Inactivate access no longer needed
- Communicate with SSO
- Retain documentation of all requests for 3 years

SENDING REQUESTS

Questions to consider and discuss with the manager requesting access.

- What are the individual's duties?
- Any current access?
- What kind of transactions need to be processed?
- Does request support sound internal controls?

- Use this form to make security requests for
 - R*Stars
 - ADPICS
 - OSPA

(Adobe Reader 8 or higher required to send form)



SFMA and OSPA - Mainframe Access

Financial Systems Security Request Form

This form is to be completed and submitted by the designated Agency Security Officer (ASO) for R*Stars, ADPICS, and OSPA.

User Inf					-					-				
lser Last Na	me:	First Name:		RACF ID:	Ag	ency #: E	mail:	(must l	be an active address)	Phone:				
R*STAR	S Requ	iest		tments to nly if requa			e UC templat	e, will ap	pply to all UCs on :	same line)				
Action		· Class(s) valid for UC 78	Acct Trans	Release Flag		Batch Edit Mo		Batch Agy		adjustment for en (ex. WRP=0)				
•														
•			L L	•	_		•							
•				•	•		•							
ob duties: F	Required -	A brief descrip	otion of jo	b duties tha	t require	the specif	ic access reque	sted. (Ex.	."to review grants a	ind update profiles")				
dditional in	formation	to support a	udit trail	l:										
ADPICS	Reque	st	[the following							
Action	Us	ser Id Templa	ite	Buyer Id	User Level	User Dept	Mailbox Dept	PO Authorization		Bill To				
[-		•											
	•	Dept Aut	horizatio	on			Ten	plate ac	djustments for the	7700 screens				
lob duties: F	Required -	A brief descrip	tion of jo	b duties tha	t require	the specif	ic access reque	sted. (Ex.	"to create and pos	t requisitions")				
Additional in	formation	to support a	udit trail	l:										
		То		OSDA acco	++1		.i	• b = = = =	uthorized ASO fo	u that am.				
OSPA R	equest						ed by DAS OS			r triat agy.				
Action			Use	r Type Tem	nplate			List	any additional ag	ency #'s for access				
	-						•							
Terminal lo	i	Rep	ort Print	er Id		Termi	nal Location							
lob duties: F	Required -	A brief descrip	tion of jo	b duties tha	t require	the specif	ic access reque	sted. (Ex.	. 'to enter time and	review benefits")				
Additional in	formation	to support a	udit trail	l:										
ASO's type	ed signat	ture:	(sia	ner must se	end form	using	Current Date	:		Submit by Email				
,	_													
		'sı		utton, no s	cans acc	epted)			_	D-i				
		'sı		utton, no s	cans acc	epted)				Print Form				

 Adjustments to UC section – only complete if you need something different than the UC template provides.

R*STAR	S Request	•	nents to U <u>y</u> if reques			JC template	e, will ap	oply to all UCs on same line)
Action	User Class(s) Form not valid for UC 78	Acct Trans	Release Flag	Agy Group	Batch Edit Mode	Disburse. Method	Batch Agy	Template adjustment for 96b screen (ex.WRP=0)
Add 🔽	17, 99	•	-		•	-		
Add ▼	48	4	~		•	•		
V		•	•		•	•		

Job duties: Required - A brief description of job duties that require the specific access requested. (Ex. "to review grants and update profiles")

- Job Duties Required A brief description of job duties to justify the specific access requested.
- Justifies access and is part of audit trail.



Good – review grants and update profiles, analyze and reconcile revenues, to post purchase orders, enter time and review benefits.



Not sufficient – a position title, to perform daily duties, new employee, to match XXX's access, or change in RACF.

Mirroring of access no longer allowed for SFMA requests.

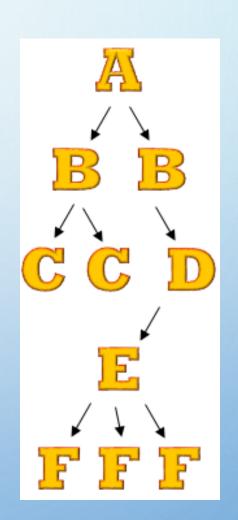
- RStars
- ADPICS

Gave excessive, unnecessary, or unknown access.

History lost.

For ADPICS help, contact

Darcene.French@Oregon.gov



- Sent from authorized ASO
- ASO can not make requests for themselves
- Datamart requested separately
- Access requests sent to <u>Security.Systems@Oregon.gov</u>

EMAIL LIST FOR SECURITY OFFICERS

Subscribe

http://listsmart.osl.state.or.us/mailman/listinfo/sfmaospa_agy_security_officers

Semi-annual Security Review

- Comply with the Internal Control guidelines, monitor and provide reasonable assurance that current user access is appropriate and consistent with the user's job duties.
- February and August of each year.
- Two-part process:
 - SSO verifies ASO assignments with each agency's CFO or designate. SSO provides the ASO contact list for review along with verification forms. CFOs must complete the verification forms by signing, dating, and recording any change and return them to the SSO by the specified due date (only the verification forms).
 - ASO verifies the correctness of the access granted to the agency's users and checks with the users' managers to determine if the level of access is still appropriate. SSO provides system-specific reports for review and analysis along with verification forms. ASOs must complete the verification forms by signing, dating, and recording any change and return them to the SSO by the specified due date (only the verification forms).
- Agencies should retain copies of the ASO contact list and systemspecific reports for reference purposes.



Semi-annual Security Review

- System-specific Reports.
 - R*STARS
 - RSTARS 96A. User's security profile (all active users).
 - RSTARS 96B. List of the individual screens the user have authority to view or update (Blank, 0, 1, 2, 3). This report includes only those users of which access differs from the Standard UC Templates.
 - ADPICS
 - ADPICS 7600 & 7650. User's security profile.
 - **ADPICS 7700**. List of the individual screens the user have authority to view or update (X, I, U, D).
 - ADPICS Approval Path. List of documents, amounts and approval levels by department.
 - OSPA
 - OSPA PTAU. User's security profile.
 - OSPA PUSC. List of the individual screens the user have authority to view or update (N, D, U).
 - Datamart
 - Datamart Standard View. User's access to SFMA tables, OSPA tables and OSPA groups.
 - **Datamart Special View.** User's access to the different special view groups (Only a few agencies have access to this groups).



Semi-annual Security Review

A comprehensive and detailed review of all the reports is the only way to ensure that each agency user has the appropriate level of access

Some recommendations when performing the review:

R*STARS

- Pay special attention to Statewide User classes (01 10, 36, 38, 39, 46, 50, 59, 65, 70, 79 81) and All Agency View Access (UC78).
- Check for redundancy (Refer to Redundant User Classes list).
- Consider the User Class Templates as the "ideal" level of access (R*STARS Security Manual).
- Since the 96B report shows only those users of which access differs from the Standard UC Templates, all of them require a careful review.

OSPA

■ Pay special attention to those users with "old" user type set-up (00, 01). Discuss with OSPS alternatives to migrate those users to the new user type templates (48, 49, 68, 69, 79).

ADPICS

• Since there is a high level of customization, it requires a detailed review.

DATAMART

- Pay special attention to OSPA Agency Groups ("All Agencies & DAS Payroll).
- Confirm that the user's current duties still require Datamart.



For all the Systems: higher indicator means higher level of access (Quick Reference Guide).



R*STARS 96A Report - Active Users Only

Review each user carefully. Complete and return only the Verification Form (Not all users on this report will have a 96B Report)

RACF ID	User Class	User Name	Acct Trans	Release Flag	Agency Group	A	geno	y Rang	je	Security Agency	Batch Edit Mode	Disbursement Method
Agency	XXX	OREGON REGULAR AGENC	Υ			Ran	ge 1	Rang	je 2			
OSADI82	48	GEISEL, THEODOR'S	4	0	03	ддд	ZZZ	001	999	XXX	2	0
OSADI82	88	GEISEL, THEODOR'S	4	0	03	ДДД	ZZZ	001	999	XXX	2	2
OSAPC84	17	CICCONE, M LOUISE	4	0	03					XXX	2	2
OSAPC84	48	CICCONE, M LOUISE	4	0	03	ддд	ZZZ	001	999	XXX	2	0
OSAPC84	88	CICCONE, M LOUISE	4	0	03	ддд	ZZZ	001	999	XXX	2	2
OSABO18	17	JONES, DAVID ROBERT	4	0	03					XXX	2	2
OSABO18	48	JONES, DAMD ROBERT	4	0	03	ддд	ZZZ	001	999	XXX	2	0
OSABO18	88	ALLEN ZIMMERMAN, ROBERT	4	0	03	ддд	ZZZ	001	999	XXX	2	2
OSAMF37	19	HUDSON, KATHERYN ELIZABETH	0	1	03					XXX	2	0
OSAMF37	28	HUDSON, KATHERYN ELIZABETH	0	1	03	081	082			XXX	0	3



R*STARS 96B Report - Active Users Only

Only users of which access differs from the Standard UC Templates

Review each user carefully. Complete and return only the Verification Form

Agency XXX OREGON REGULAR AGENCY

RACE	ID: OSA	BR23	Use	r Class:	99	User Na	ime:	GEISEL, TH	EODOR S	
D01:0	002:0	003: 0	DD4: D	005:0	006; 0	008: 0	009:0	D10: 0	D11: 0	D12: 0
D13: 0	D14: 0	D15: 0	D16: 0	D17:0	D18: 0	D19: 0	D20:0	021: 0	D22: 0	D23: D
D24: 0	D25: D	D26: D	D27: 0	028:0	030: 0	D31: D	D32: D	033: 0	D34: D	035:0
D36: E	D37 : D	038: 0	D39: D	D40:0	D41: 0	D42: 0	D43: D	D44: 0	D45: 0	D46: D
D47:0	D48: p	D49: D	DSD: g	D51: D	D52: D	D53: g	D54: D	D55: g	D56: g	D57:p
D59: 0	D61: D	D62: D	063: 0	D64: D	D66: D	D67: D	D71: 0	073:0	080: 0	010:0
012: 0	014: 0	017 : 0	018: 0	020:0	021: 0	022: 0	023: 0	024: 0	025: 0	026: 0
027: 0	28A: 0	288 : D	029: 0	030: 2	031: 0	033: 0	034: 0	035: 0	D36: D	037 : 0
038: 0	039: 0	O41: O	042: 0	043: 0	43M: D	044: 0	045: 0	045: 0	D47: D	048: 0
049: 0	051: 0	052: 0	053: 0	054: 0	055: 0	D56: D	057 : 0	D58: D	D59: D	061: 0
062: 0	063: 0	D64: D	D65: D	066: 0	067 : 0	D68: D	069: 0	077:0	078: 0	079: 0
080: 0	081: 0	082: 0	D8 4: D	085: 0	086: 0	D87: D	088: 0	D89: D	090: 0	091: 0
092: 0	093: 0	D94: D	095: 0	096:	097 : 0	101: 0	102: 0	103: 0	105: 0	106: 0
515: 🛭	518: 🛭	5 4 0: 0	550: ₀	WRP:	REC:	SWR:				
RACF	ID: OSA	0313	Use	r Class:	17	User Na	ime:	ALLEN ZIM	WERMAN,	ROBERT
D01: 0	DD2: 0	003: 0	DD4: D	DD5: 0	006: 0	DD8: 0	009:0	D10: 0	D11: 0	D12: 0
D13: 0	D14: 0	D15: 0	D16: 0	D17:0	D18: 0	D19: 0	D20:0	021: 0	D22: 0	023:0
D24: 0	025:0	026: 0	D27: 0	D28: 0	030: 0	D31: D	D32: D	033: 0	D34: D	035:0
D36: D	D37 : D	038: 0	D39: D	040:0	D41: 0	D42: 0	043:0	D44: 0	D45: 0	D46: D
D47:0	D48: D	D49: 0	050: 0	D51: D	D52: D	D53: D	D54: D	066: 0	D56: D	057:0
D59: D	D61: D	062: 0	D63: D	D64: D	D66: D	067: 0	D71: D	073:0	080: 0	010:0
012: 0	014: 0	017 : 0	018: 0	020:0	021: 0	022: 0	023: 0	024: 0	025: 0	026: 0
027: 0	28A: 0	288: 0	029: 0	030: 0	031: 0	D33: D	D34: 2	035: 0	D36: D	037 : 0
D38: D	039: 0	041: 0	042: 0	043: 0	43M: D	044: 0	045: 0	045: 0	047: 0	048: 0
049: D	051: 3	D52: 3	053: 0	054: 0	055: 0	056; 0	057 : 0	058: 0	059: 0	061: 0
062: 0	063: 0	D54: D	065: 0	066: 0	067 : 0	D68: D	069: 0	0:770	078: 0	079: 0
080: 0	081: 0	082: 0	D84: D	085: 0	086: 0	D87: D	088: 0	D89: D	090: 0	091: 0
092: 0	093: 0	094: 0	095: 0	D96:	097 : 0	101: 0	102: 0	103:0	105: 0	106: 0
515: 0	518: 2	540: 2	550: D	WRP:	REC:	SMR:				
RACE	ID: OSA	CU96	Use	r Class:	17	User Na	me:	нирѕон, к	ATHERYN	ELIZABETH
001:0	DD2: 0	003: 0	DD4: D	005:0	006: 0	DOS: 0	009:0	D10: 0	D11: 0	D12: 0
D13: 0	D14: 0	D15: 0	D16: 0	D 17 : D	D18: 0	D 19: 🛛	020:0	D21: 0	D22: 0	023:0
D24: 0	D25: D	026: 0	D27: 0	D28: D	D30: 0	D31: 0	D32: D	033: 0	D34: D	035:0
D36: D	D37 : D	038: 0	D39: D	D40:0	D41: 0	D42: D	D43: 0		D 45: D	D46: D
D47:0	D48: D	D49: 0	DSO: 0	D51: D	D52: D	D53: D	D54: D	DSS: 0	D56: 0	D57: D
D59: 0	D61: D	062: 0	D63: D	D64: D	D66: D	D67: D	D71:0		D80: 0	010: 0
012: 0	014: 0	017 : 0	018: 0	020:0	021: 0	022: 0	023: 0		025: 0	026: 0
027: 0	28A: D	288: 0	029: 0	030:0	031:0	033: 0	034: 2		D36: D	037 : 0
038: 0	039: 0	041: 0	042: 0	043: 0	43M: D	044: 0	045: 0		047: 0	048: 0
049: 0	051: 3	D52: 3	053: 0	054:0	D55: D	056: 0	057 : 0		D59: D	061: 0
062: 0	063: 0	D54: D	D65: D	066: 0	067 : 0	D68: D	069: 0		078: 0	079: 0
080: 0	081 : 0	082: 0	D8 4: D	085: 0	D86: D	087: 0	088: 0		090: 0	091: 0
092: 0	093: 0	094: 0	095: 0	096:	097 : 0	101: 0	102: 0	103:0	105: 0	106: 0
515: 0	518: 2	540: 2	550: O	WRP:	REC:	SUR:				



ADPICS 7600/7650 Security Review

Review each user carefully. Complete and return only the Verification Form

Agency XXX

Department XXX OF	REGON REGULAR AGENCY		
RACF ID: OSADI82 User Nam	n¢ GEISEL, THEODOR S		
User Level 000	Department Authorization *********	MailBox Department Change Buyer (Y/N) N DAS Purchasing Agenct (Y/N)	Y
Bill To Address 103B1		PO Authorized Amount \$0.00 Change Vendor (Y/N) N Vendor Add Authorization (Y/N)	Y
BuyerID		Interface Security (Y/N) Y Override Vendor Bid Veto (Y/N) 1	N
		Interface Security Classes 02	N
Department XXX999 PF	ROCUREMENT OFFICE		-
RACF ID: OSAPC84 User Nam	ne: CICCONE, M LOUISE		
User Level 000	Department Authorization 10309***	MailBox Department 10309*** Change Buyer (Y/N) Y DAS Purchasing Agenct (Y/N)	Υ
Bill To Address 103G1	12.01	PO Authorized Amount \$25,000.00 Change Vendor (Y/N) Y Vendor Add Authorization (Y/N)	Y
BuyerID		Interface Security (Y/N) Y Override Vendor Bid Veto (Y/N)	Υ
		Interface Security Classes 01 02 03 05 BPO Override Authorization (Y/N)	Υ



ADPICS 7700 Security Review

Review each user carefully. Complete and return only the Verification Form

Agency: XXX

Agend	у D ера	rtment	Number	: X	CX99900)								
RACFI	D: OSAE	182	Use	r Name:	GEISEL,	THEOD	OR S							
0000: 1000:	1450: 1460:	15 (0): 1600:	2120: 2125:	2312: D 2313: D	2348: p 2360: n	2455: 2460:	3130: j 3200: j	5400: 5410: D	5850: 5875: X	6000: j 6010: p	8101: D 8200: D	365D:	77/	90: ₁
1100:	1465: 1	1800: 1	2126: D	2314: D	2365: D	2470: 1	3300: 1	5420: D	5900: X	7000: 1	8201: D	87 DD:		
1200: i	1480:	18 1D: 1	2130: 1	2315: D	2366: D	2480: 1	5000: 1	5450: 1	597 D: 1	7100: X	8300: D	8900:		
1300: 1	1490: 1	1811: 1	2140: 1	2320: D	2400:1	2490: 1	5005: 1	5480: 1	5975: X	7500: D	8301: D	9000:		
1310:	1500: 1	1820: 1	2150:	23 40: D	2401: 1	2495: 1	5100: 1	5500: U	5980: 1	7600: 1	8400: D	9100:		
1320: 1	1510: 1	1825: I	2230: D	23 42: D	2410: 1	2510: I	51 10: T	5650: X	5981: 1	7650: 1	8401: D	9200:	Ĭ.	
1410: 1	1515; 1	2000: 1	2240: n	23 43: D	2420:1	2520: 1	51 15: 1	567 D: X	5982: 1	77 000: 1	8470: D	9210:	D	
1420: 1	1520: 1	2100: D	2250: D	2344: 1	2430: 1	3000: 1	5150: D	5700: 1	5983: 1	8000: 1	8500: D	9211:		
1430: 1	1525: 1	21 10: D	2300: 1	2345: D	2440: 1	3100: 1	5200: D	5750: 1	5984: U	8005: 1	8550: D	9212:		
1440: 1	1530: 1	2111: D	2311: D	23 46: 1	2450: 1	3110: L	5250: 1	5800: I	5985: 1	8100: D	8600: D	9220:		
RACFI	D: OSAF	C84	Use	Name:	CICCON	E, MLOU	ISE							
0000:1	1450: X	1540: X	2120: X	2312: X	2348: X	2455: 1	3130: D	5400: X	5850: 1	6000: X	8101: X	86 SD:	X 92	90: X
1000: X	1460: X	1600: X	2125; X	2313: X	2360: X	2460: X	3200: 1	5410: X	587 5: X	6010: X	8200: X	8700:	×	
1100: 1	1455; X	1800: X	2126: X	2314: X	2365: X	2470: X	33III: 1	5420: X	5900: X	7000: X	8201: X	8800:	X	
1200: 1	1480: X	1810: X	2130: X	2315: X	2366: X	2480: X	5000: 1	5450: X	597 D: X	7100: X	8300: X	8900:	×	
1300: X	1490: X	1811: X	2140: X	2320: X	2400:1	2490: X	5005: 1	5480: X	5975: X	7500: X	8301: X	9000:	1	
1310: X	1500: 1	1820: X	2150: 1	23 40: X	2401: X	2495: X	5100: X	5500: X	5980: X	7600: X	8400: X	9100:	U	
1320: X	1510: 1	1825: X	2230: X	2342: X	2410: X	2510: X	51 10: X	5650: X	5961: X	7650: X	8401: X	9200:	X	
1410: 1	1515; X	2000: 1	2240: X	2343: X	2420: X	2520: X	51 15: X	5670: X	5982: X	7700: X	8470: X	9210:	X	
1420: X	1520: X	2100: X	2250: X	2344: X	2430: X	3000: 1	5150: X	5700: 1	5983: X	8000: D	8500: D	9211:	X	
1430: X	1525: X	21 10: X	2300: X	2345:	2440: 1	3100: D	5200: X 5250: X	5750:	598 4: X	8005: X	8550: X	9212:	1	
140: X	1530: X	2111: X	2311: X	23 46: X	2450: X	3110: D	020d. A	5800: X	5985: X	8100: 1	8600: X	9220:	X	



ADPICS Approval Paths 5985, 5983, 5981 Security Review

Review each user carefully. Complete and return only the Verification Form

\$0.01

200

Agency: XXX OREGON REGULAR AGENCY

VC.

Deptartment: XXX999 PROCUREMENT OFFICE

Initiating Department Approval Path (7982)

	Document Indicator	100	San 200	Approval Level
99000000	PO	OR	\$0.01	100
	Document	Approval Pat	h (7987)	
Document Indicator	Document 1	Type LowerL	imit Amount	Approval Level

OR.



Datamart Standard View Report

Review each user carefully. Complete and return only the Verification Form

Agency XXX00 OREGON REGULAR AGENCY

RACFID	Last Name	First Name	Email Address	Phone #	Ext#	SFMA Tables	OSPA Tables	OSPA Agency Group
OSADI82	Geisel	Theodore S	Theodore.Geisel@state.or.us	(503) 399-9997		Y	Y	
OSAPC84	Ciccone	M Louise	Louise,Ciccone@state.or.us	(503) 123-5343		Υ		



Datamart Special View Verification Report

Review each user carefully. Complete and return only the Verification Form

By signing the Verification Form, the Senior Fiscal Officer and Agency Security Officer acknowledge the users listed on this report, combined with any corrections recorded on the Verification Form, as appropriate. Also, responsibility is accepted for safeguarding the agency's information assets and the potential risk to the employee, management and agency is understood.

Agency: XXX00 OREGON REGULARY AGENCY

RACFID	User Nane	Em ail Address	Phone #	Ext#
Special V	iew Group: SFMS	3137G		
OSADI82	Geisel, Theodore S	Theodore.Geisel@state.or.us	(503) 399-9997	
OSAPC84	Ciccone, M Louise	Louise.Ciccone@state.or.us	(503) 123-5343	



OSPA PTAU Screen - Active Users Only

Review each user carefully. Complete and return only the Verification Form

RACF ID	User Name	TME	ADJ	DED	LV	SCH	СНК	USR	JNT	RCN	TBL
Agency XXX	00										
OSADI82	GEISEL, THEODOR S	D	D	D	D.	D	N	N	N	N	D
OSAPC84	CICCONE, M LOUISE	D	D	D	D	D	N	N	N	N	D
OSABO18	ALLEN ZIMMERMAN, ROBERT	U	U	Ü	U	U	N	N	N	N	D



OSPA PUSC Screen - Active Users Only

Review each user carefully. Complete and return only the Verification Form

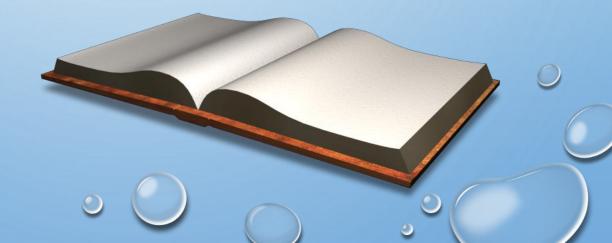
Agency XXXX00

RACI	F ID	: OSAD	182	Use	г Түрс	:	01 0	TH	ER					Us	er Nar	ne:	GEIS	SEL	, THEO	DOR S	i
AD81:	N	AD82: N	ADD1	N	AD 02:	N	ADD3:	N	AD001:	N	ADW2:	N	D910:	N	PACH:	N	PCHG:	N	PDTC:	N	
MNT:	N	P MSG:D	PPRM	: N	PRPT:	U	PS BC:	D	PSYP:	D	PTAU:	N	PT81:	D	PTB 2:	D	PTD1:	D	PTD2:	D	
PTD3:	D	PTW1:D	PTW2	: D	PUSC:	D	POO1:	U	P002:	D	P003:	N	PDD4:	N	POOS:	N	P006:	N	P007:	N	
PDD9:	N	PO10: U	PD20:	D	P0030:	D	PD31:	N	P032:	D	PD50:	U	PD60:	U	P070:	U	PO7 1:	U	PD90:	D	
P130:	N	P140: N	P160:	D	P190:	U	P191:	D	P 192:	D	P300:	N	P310:	N	P320:	N	P37 O:	N	P420:	D	
430:	D	P 435: D	WARP	: P	WCRP:	D	WETM:	B	WRD8:	N											
RACI	F ID	: OSAP	C84	Use	т Турс	e:	00 O	тн	ER					Us	er Nar	ne:	ace	coı	NE, M L	OUISE	
AD81:	N	AD82: N	ADD1	N	AD 02:	N	ADD3:	N	A D0011:	N	ADW2:	N	D910:	N	PACH:	N	PCHG:	U	POTC:	N	
MNT:	N	P MSG:D	PPRM	: N	PRPT:	U	PS BC:	U	PSYP:	N	PTAU:	N	PT81:	D	PTB2:	D	PTD1:	D	PTD2:	D	
PTD3:	D	PT001:D	PT002	: D	PUSC:	N	PD01:	U	P002:	D	P003:	U	P004:	N	POOS:	N	P006:	N	P007:	N	
PDD9:	U	P010: U	PD20:	U	P0030:	D	PO31:	N	P032:	D	PD50:	U	PD60:	U	PO70:	U	PO7 1:	U	PD90:	D	
P130:	N	P140: N	P160:	D	P190:	U	P191:	D	P 192:	D	P300:	N	P310:	N	P320:	N	P37 0:	D	P420:	D	
430:	D	P 4351 U	WARP	; p	WCRP:	N	WETM:	P	WRD8:	N											
RACI	F ID	: OSAB	018	Use	т Турс	e:	69 P	ΑY	ROLL T	EC	н орт	ЭН	1	Us	er Nar	ne:	ALL	EN	ZIMME	RMAN,	ROBERT
AD81:	N	AD82: N	ADD1	: N	AD 02:	N:	ADD3;	N	AD001:	N	ADW2:	N	D910:	N.	PACH:	N:	PCHG:	N	PDTC:	N	
MNT:	N	PIMSG:N	PPRM	: N	PRPT:	N	PS BC:	N	PSYP:	N	PTAU:	N	PT81:	N	PT82:	N	PTD1:	N	PTD2:	N	
PTD3:	D	PT001:N	PTW2	: N	PUSC:	N	POD1:	N	P002:	N	P003:	N	PDD4:	N	POOS:	N	P006:	N	P007:	N	
PDD9:	N	P010: N	PD20:	N	P0030:	N	PD31:	N	P032:	N	PD50:	N	PD60:	N	PO70:	N	PO7 1:	N	PD90:	N	
130:	N	P 140: N	P160:	N	P 190:	N	P191:	N	P 192:	N	P300:	N	P310:	N	P320:	N.	P37 O:	N	P420:	N	
430:	N	P 435: N	WARP	; p	WCRP:	N	WETM:	N	WRDB:	N											

R*STARS

Relational Statewide Accounting & Reporting System

- Security Manual
 - SFMA / OSPA Form guide pg 2
 - User Class descriptions pg 3-7
 - Redundant User Classes, Special forms pg 8
 - Screen 96 A/B & D66 pg 9-15



96 A - USER SECURITY PROFILE

USER ID/CLASS: USER17 17 AGENCY: 107 NAME: FULL EXPENDITURE ACCOUNTING TRANS: 1 BATCH EDIT MODE: 2 RELEASE FLAG: 0 DISBURSEMENT METHOD: 2 AGENCY GROUP: WORK HOUR: 0000 2400 AGENCY RANGE 1: WORK DAY: A AGENCY RANGE 2: PRINTER ID: SECURITY AGENCY: 107 DEFAULT SECURITY ORG: ACTION CODE AGENCY: SECURITY ORG: ACTION CODE: PRIOR MO POST IND: Y PRIOR YR POST IND: Y (Y/N)VIEW BANK INFO: N FUND OVERRIDE: STATEWIDE REPORTING: N (Y/N)

- Accounting Trans and Release Flag page 10 RStars
 Security Manual
- Disbursement Method page 11

96 B - USER SECURITY PROFILE

```
USER ID/CLASS: USER17
                         17 AGY: 107 NAME: FULL EXPENDITURE
      0 D02
D01
             0 D03
                     0 D04
                            0 D05
                                    0 D06
                                           0 D08
                                                   0 D09
                                                           0 D10
                                                                  0 D11
                                                                          0 D12
      0 D14
D13
             0 D15
                     0 D16
                            0 D17
                                    0 D18
                                           0 D19
                                                   0 D20
                                                           0 D21
                                                                          0 D23
                                           0 D31
D24
      0 D25
             0 D26
                     0 D27
                            0 D28
                                    0 D30
                                                   0 D32
                                                           0 D33
                                                                  0 D34
D36
      0 D37
             0 D38
                     0 D39
                            0 D40
                                    0 D41
                                            0 D42
                                                   0 D43
                                                           0 D44
                                                                  0 D45
D47
      0 D48
             0 D49
                     0 D50
                            0 D51
                                    0 D52
                                           0 D53
                                                   0 D54
                                                           0 D55
                                                                  0 D56
             0 D62
                                    0 D66
D59
      0 D61
                     0 D63
                            0 D64
                                            0 D67
                                                   0 D71
                                                           0 D73
                                                                  0 D80
                                                                          0 010
      0 014
             0 017
                     0 018
                            0 020
                                    0 021
                                           0 022
                                                   0 023
                                                           0 024
                                                                  0 025
027
      0 28A
             0 28B
                     0 029
                            0 030
                                    0 031
                                            0 033
                                                   0 034
                                                           2 035
                                                                  0 036
                                                                          0 037
038
      0 039
             0 041
                     0 042
                            0 043
                                    0 43M
                                            0 044
                                                   0 045
                                                           0 046
                                                                  0 047
                                                                          0 048
      0 051
                            0 054
                                            0 056
049
             3 052
                     3 053
                                    0 055
                                                   0 057
                                                           0 058
                                                                  0 059
                                                                          0 061
062
      0 063
             0 064
                     0 065
                            0 066
                                    0 067
                                            0 068
                                                   0 069
                                                           0 077
                                                                  0 078
                                                                          0 079
      0 081
             0 082
                            0 085
                                    0 086
                                            0 087
                                                   0 088
                                                           0 089
                                                                          0 091
080
                     0 084
                                                                  0 090
092
      0 093
             0 094
                     0 095
                            0 096
                                      097
                                            0 101
                                                   0 102
                                                           0 103
                                                                  0 105
                                                                          0 106
 515
      0 518
             2 540
                     2 550
                            2 WRP
                                      REC
                                              SMR
```

Screens accessible to most UC – pg 14

D66 - USER CLASS PROFILE

USER CLASS: 17

TITLE: FULL EXPENDITURE CYCLE

```
I/E (I=INCLUDE, E=EXCLUDE)
```

ENTER TRANSACTION CODES SEPARATED WITH EITHER "-" OR ",".

```
1 167 , 200 - 212 , 217 - 290 , 295 , 402 - 405 , 409 -
420 , 434 - 435 , 438 - 439 , 468 - 469 , 599 , 696 -
```

697

R*STARS CONT.

- UC 78 All Agency View Access Request
 - ◆Online at SARS Security website
 http://www.oregon.gov/das/Financial/Acctng/Pages
 /Syst-security.aspx
- UC 47 ASO requests inactive UC
 - BAM analyst requests activation when needed



- Too little or too much access?
 - Too little won't be able to perform job duties
 - Too much will have access that's never used

R*STARS

Page 8 November 2016

Redundant User Classes:

Some user classes duplicate access (on 96B screen or on D66 T-code access), and would be redundant if a user had others within the same grouping. Below is a list of some of the redundancies. It's possible that a redundant user class might be needed, however an explanation of the need would be required in the access request.

With user class 11 you do not need user classes 24 or 25.

With user class 13 you do not need user classes 24 or 25.

With user class 16 you do not need user classes 24 or 25.

With user class 17 you do not need user class 20 (UC 17, 20, 84 or 88 not allowed w/ UC 28 or 98)

With user class 19 you do not need user classes 11, 16, 24 or 25.

With user class 23 you do not need user classes 24, 25* or 26.

- -Datamart is the platform where all the data from SFMA and OSPA is available for reporting and analysis (Hyperion -a.k.a. Brio, Studio, etc.).
- Access to SFMA Tables.
 - Standard View Access.
 - Requires completion of the Datamart Standard View Access Request Form.
 - Submitted electronically by the agency's ASO.
 - Users with this level of access are able to pull information originated in R*STARS and ADPICS at a statewide level.
- Access to OSPA Tables.
 - Standard View Access.
 - Requires completion of the Datamart Standard View Access Request Form.
 - Submitted electronically by the agency's ASO.
 - Users with this level of access are able to pull information originated in OSPA at a agency or group agency level.
 - To get this level of access, SFMA Tables must be requested too.
 - Once the request is completed, users must allow 24 hours to be able to access the OSPA tables (servers require overnight process to update the access).



- Access to Sensitive Information.
 - Special View Access.
 - Requires completion of the Datamart Special View Access Form.
 - Requests must be authorized by the requesting agency's Senior Fiscal Officer.
 - Forms must be printed, signed, scanned and submitted electronically by the agency's ASO.
 - Information at this level includes vendor numbers, addresses and other sensitive information classified as level 4, "Critical" by the Statewide Policy Information Asset Classification (107-004-050).
 - Access to this information is managed trough specific Datamart Groups.



Examples and Exercises



Financial Systems Security

Datamart Standard View Access Request Form
- SFMA and OSPA Tables

The authorized Agency Security Officer (ASO) must complete and submit this form for each user requesting access to the SFMA and OSPA standard Datamart views. For other Datamart access, please contact: PPDB Security at group.ppdb@das.state.or.us or PICS Security at orbits.help@das.state.or.us for assistance.

SFMA Datamart access is granted with all requests, even if only OSPA Datamart is desired. This form must be submitted electronically by the ASO who signs and dates the request using the 'Submit by E-mail' button provided. No scanned forms are accepted.

All Datamart access is subject to the six-month review process as stated in OAM 10.70.00

User Information					
Employee Name: Last, First, MI (as shown in PPDB)	RACF ID:	Employee Number (ie. OR#####		
Email:		Agency Number: (5-digit)	Phone:	Ext.	
Agency Name					
Please indicate the standa	rd view(s)				
SFMA Tables					
Yes				_	
OSPA Tables Agency only view	OSPA Agency Gro	oup: (Request only if mult	iple agency views are required agency is part of the selecte		
	-			-	
Brief description of job du	ties requiring access	(Ex. To review expenditu	ures for manager's report	ts)	
Access Authorization					
ASO's typed signature (sig	ner must send form using the 'su	ibmit' button, no scans accepted)	Current Date:		
		Su	bmit by Email Print	Form	



Examples and Exercises



Financial Systems Security

Datamart Standard View Access Request Form
- SFMA and OSPA Tables

The authorized Agency Security Officer (ASO) must complete and submit this form for each user requesting access to the SFMA and OSPA standard Datamart views. For other Datamart access, please contact: PPDB Security at group.ppdb@das.state.or.us or PICS Security at orbits.help@das.state.or.us for assistance.

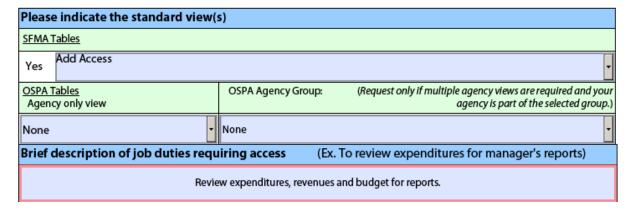
SFMA Datamart access is granted with all requests, even if only OSPA Datamart is desired. This form must be submitted electronically by the ASO who signs and dates the request using the 'Submit by E-mail' button provided. No scanned forms are accepted.

All Datamart access is subject to the six-month review process as stated in OAM 10.70.00

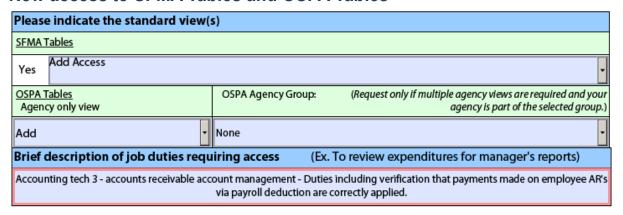
Iser Information				
Employee Name: Last, First, MI (as shown in PPDB)		RACF ID:	Employee Number (ie. OR######)	
mail:		Agency Number: (5-digit)	Phone:	Ext.
Agency Name				
lease indicate the sta	ndard view(s)			
FMA Tables				
/es				
2700				
SPA Tables Agency only view	OSPA Agency	Group: (Request only if mul	tiple agency views are required agency is part of the select	
	-			
rief description of job	duties requiring access	(Ex. To review expendit	ures for manager's repo	rts)
ccess Authorization				
ccess Authorization SO's typed signature	(signer must send form using the	'submit' button, no scans accepted)	Current Date:	



- Examples and Exercises
 - New access to SFMA Tables

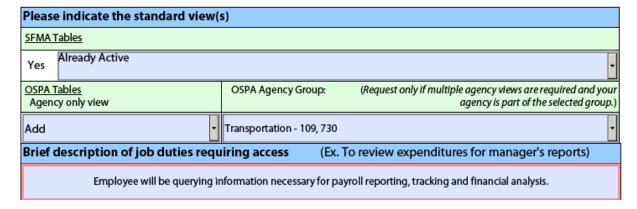


New access to SFMA Tables and OSPA Tables

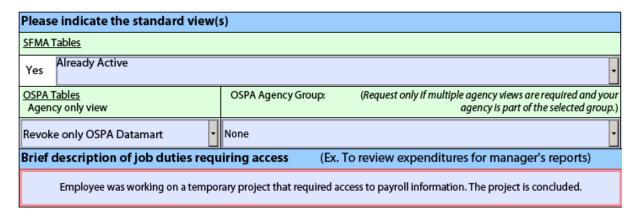




- Examples and Exercises
 - New access to OSPA tables to a current Datamart user

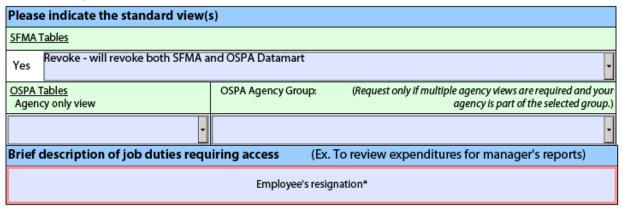


Revoking access to OSPA Tables but leaving SFMA Tables active





- Examples and Exercises
 - Revoking Datamart access



- When revokes are processed as result of a personnel action, any access linked to the RACF ID is revoked (SFMS, OSPS & Datamart).
- When the revoke is requested by an ASO, by requesting the revoke of the Datamart Standard View, any access to any other Datamart group is deleted too (OSPA tables, Special View Groups).



OSPA SECURITY

Oregon State Payroll Application

- Requesting User Access
 - Required information on form
 - OSPA User types
- Requesting Terminal Access
 - Terminal Id information
- Dual update access in OSPA & PPDB not allowed

REQUESTING USER ACCESS

- Time of transition
 - Significant changes
 - Sections (TME, ADJ, DED) changed to
 - User Types (48, 49, 69, 79)

http://www.oregon.gov/das/Financial/Payroll/Pages/referencemanual.aspx

Introduction to OSPA Security document

REQUESTING USER ACCESS - CONT.

- Two new form fields
 - User Type
 - Additional Agency #'s for access

OSPA Red	OSPA Request To request OSPA access to other agencies, you must be an authorized ASO for that agy. 'DAS only' templates <u>must</u> be requested by DAS OSPA Management.					
Action		User Type Template			List any additional agency #'s for access	
Terminal Id		Report Printer Id		Terminal Location		
Job duties: Required - A brief description of job duties that require the specific access requested. (Ex. "to enter time and review benefits")						

OSPS USER SECURITY SCREEN

RACFID: USER49 AGNCY-GP: USRTP NAME: NOT FOUND USER TYPE: 49

```
ADB1 N ADB2 N ADD1 N ADD2 N ADD3 N ADW1 N ADW2 N D910 N PACH N PCHG N PDTC N PMNT N PMSG D PPRM N PRPT N PSEC N PSYP N PTAU N PTB1 N PTB2 N PTD1 N PTD2 N PTD3 N PTW1 N PTW2 N PTX1 N PTX2 N PUSC N P001 U P002 D P003 U P004 U P005 U P006 D P007 D P009 N P010 D P020 U P030 D P031 N P032 D P050 D P060 N P070 D P071 N P090 N P130 N P140 N P160 D P190 D P191 D P192 D P300 N P310 N P320 N P370 D P420 N P430 D P435 N WARP N WCRP N WETM N WRDB N
```

Gain access to Report screens only through

OSPS.Helpdesk@Oregon.gov

- WARP
- WCRP
- WETM
- WRDB

OSPS BY USER TYPE

- Agency View Only
 - >UT 79 Designed for non-payroll staff non processing
- Payroll Technician / Manager
 - >UT 69 and 68 For processing payroll
- Timekeeper
 - ➤ UT 49 and 48 Time entry but full system access not required

Contact OSPS.Help@Oregon.gov for UT assistance



TERMINAL ID INFORMATION

- When adding a new or changing a current Terminal Id include:
 - Terminal Id
 - Access Indicator (U, D)
 - Report Printer (optional)
 - Location (up to 25 characters)

HOW TO FIND THE TERMINAL ID

- Be on mainframe main menu
- Enter menu option (ex. E23)
- Clear screen
- Type "name" (no quotes) and <enter>
- If fields don't populate, hit Esc key
- Terminal ID = 4 digits



NAME TERM = E4WV

OUT =

VTAMID=

ERRS=

ET63A021

IN =

DUAL UPDATE ACCESS IN OSPA & PPDB

- **Update** access to both OSPA & PPDB is prohibited.
- Allowed:
 - Update in one system and view only in the other or...
 - View only in both systems.
- OAM policy 45.30.00

ADPICS

- ADvanced Purchasing & Inventory Control System.
- Security is managed though three different screens:
 - 7600 Primary User Security (user profile)
 - 7650 Secondary User Security (interfaces, printing devices, capabilities)
 - 7700 User Program Security (access control)
- 19 standard user shells. A detailed description of each shell is included in the ADPICS Security Manual (Pages 12-73).
- Approval Paths:
 - 5981 Document approval path
 - 5982 Department approval path table
 - 5983 Commodity approval path table
 - 5985 Initiating department path table
- Electronic Signatures.
 - 5984 Signature table maintenance.
 - No form is required.
 - Requests to reset ADPICS signature must be emailed by the ASO (include user's name and RACF ID).



ADPICS

Buyer ID

When request this field, make sure the Buyer ID was previously added by SFMA. Contact your SFMA Analyst about the procedure.

Mirroring users is no longer available

- The option of adding new users by replicating an existing one is no longer available (November 2016).
- Using standard shells guarantees an appropriate access level (users with same duties have same access level) and comply with the agency's internal controls.
- Custom set-up can be requested anytime.
- If your agency has specific needs, discuss alternatives with the SFMS Management.

Example

ADPICS F	Reset an existing User to the following template						
Action	User Id Template	Buyer Id	User Level	User Dept	Mailbox Dept	PO Authorization Amt	Bill To
Add 🔽	BUYER1 - approv	MED	400	10036	1003699	999,999	04550
Dept Authorization				Template adjustments for the 7700 screens			
100****							
Job duties: Required - A brief description of job duties that require the specific access requested. (Ex. "to create and post requisitions")							
Prepare and post purchase orders							
Additional information to support audit trail:							
* Set printer HIJB - 60 for document POC							



Additional Resources

- Systems Security website
 - http://www.oregon.gov/das/Financial/Acctng/Pages/Syst-security.aspx
- SFMA Security Manuals
 - ADPICS Security Manual and R*STARS Security Manual are available by request (email to **Security.SYSTEMS@oregon.gov** to get a copy).
- OSPA Security Manual
 - http://www.oregon.gov/das/Financial/Payroll/Documents/Introsecurity.pdf
- Datamart Maintenance Website
 - https://dasapp.state.or.us/DatamartApp
- HR Systems & Services website
 - http://www.oregon.gov/das/HR/pages/index.aspx



Statewide Accounting & Reporting Services
Systems Security

Contacts

- Systems Security
 - Systems SecuritySecurity.SYSTEMS@oregon.gov
 - Systems Security Officer
 Alex Medina
 Alex.MEDINA@oregon.gov
 (503) 373-2167
- OSPS
 - OSPS Help Desk
 OSPS.HELP@oregon.gov
 (503) 378-6777
- Datamart
 - Datamart SupportDatamart.Support@oregon.gov
- Mainframe Password Reset
 - DAS RACF Administrator
 DAS.RACFUserAdm@oregon.gov



QUICK REFERENCE GUIDE

Main Security indicators



CHIEF FINANCIAL OFFICE

R*STARS

96A Screen

ACCOUNTING TRANS (Page 10)

This field indicates the following accounting transaction authority:

Blank

No access to accounting transactions. User cannot create or modify a transaction.

Inquire only for Security Agency, Batch Agency,

Agency Range or Group. User cannot create or modify a transaction.

Used for single agency access

- 1 User can create and change transactions only for the agency specified in the Security Agency field.
- User can create and change transaction
 information on approved documents only for the agency specified in the Security Agency field.

Used for multiple agency access (Agency Group)

- User can create and change transactions for the agency specified in the Batch Agency, Agency Group, Agency Ranges or Security Agency fields.
- 4 User can create and change transaction information on approved documents for the agency specified in the Batch Agency, Agency Group, Agency Ranges or Security Agency fields

RELEASE FLAG (Page 10)

Determines whether the user can release the batch

- Not Allowed to release batches
- 1 Release batches

BATCH EDIT MODE (Page 11)

Determines when the Data Element edits and the Financial table postings occur.

- Edits profiles and posts to financial tables only after batch is released and nightly batch cycle runs.
- Edits against data profiles when batch is entered.

 Information is not posted to the Financial tables until the batch is released and nightly batch cycle runs.
- System edits data profiles and posts transactions
 to the financial tables when batch is entered.
 Batch will not save if there are errors

DISBURSEMENT METHOD (Page 11)

Designates disbursement authority for warrants.

Blank User cannot enter a DMI on accounting transactions.

- **0** User can enter "H" hold a warrant. (Screen 41)
- User can enter "H" hold or "M" manual for
- 2 User can enter "H" hold, "M" manual, or "R" release for warrants.
- 3 User can enter "H" hold, "M" manual, "R" release, and "E" expedite for warrants

96B Screen (Page 14)

Blank No Access allowed.

- Inquiry only.
- 1 Inquiry, adding, and changing allowed.
- 2 Inquiry, adding, changing, and deleting allowed.
- 3 Inquiry and adding allowed

ADPICS

7700 Screen (Page 9)

X No Acces

Inquiry Capabilities Only

U Add, Modify, and Inquiry Capabilities

D Add, Modify, Delete, and Inquiry Capabilities

Printer Table (Page 6)

4 character Printer ID

60 Laser printer

66 impact printer

POC Purchase Orders

BPO Blanket Purchase Order

ITB Invitation to Bid

OSPA

PUSC Screen (Page 2)

N No Access

D Display Access

U Update Access

^{**} Indicated page numbers correspond to the current system's security manual.

REDUNDANT USER CLASS LIST R*STARS



Some user classes duplicate access (on 96B screen or on D66 T-code access), and would be redundant if a user had others within the same grouping. Below is a list of some of the redundancies. It's possible that a redundant user class might be needed, however an explanation of the need would be required in the access request.

With user class 11 you do not need user classes 24 or 25.

With user class 13 you do not need user classes 24 or 25.

With user class 16 you do not need user classes 24 or 25.

With user class 17 you do not need user class 20 (UC 17, 20, 84 or 88 not allowed with UC 28 or 98)

With user class 19 you do not need user classes 11, 16, 24 or 25.

With user class 23 you do not need user classes 24, 25* or 26.

With user class 25 you do not need user class 24.

With user class 26 you do not need user classes 24 or 25*.

With user class 27 you do not need user classes 11, 13, 16, 19, 23, 24, 25*, 26, 29, 32, 33, 34 or 41.

With user class 29 you do not need user classes 11, 13, 16, 19, 24, 32, 33, or 34.

With user class 31 you do not need user classes 24 or 25*.

With user class 32 you do not need user classes 24 or 25*.

With user class 33 you do not need user classes 24 or 25*.

With user class 34 you do not need user classes 24 or 25*.

With user class 41 you do not need user classes 24.

With user class 98 you do not need user class 28.