



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
DEPUTY CHIEF OF STAFF, G-8  
700 ARMY PENTAGON  
WASHINGTON DC 20310-0700  
HSA-JCSG-D-05-515

DCN 8891

DAPR-ZB

19 August 2005

MEMORANDUM FOR OSD BRAC Clearinghouse

SUBJECT: OSD BRAC Clearinghouse Tasker 0913 - Question On How Data Is Backed Up

1. Reference: E-Mail from Ms. M. Wasleski, BRAC Commission Staff, 11 August 2005, Subject: Question on How Data is Backed Up

2. Issues/Questions:

I want to know how DFAS backs up their data in regards to pay, contracts, and accounting. Should a site go down for what ever reason, how does DFAS ensure that it does not lose its data? In that regard, is the information backed up real time or is it down with daily at the end of the day, for example, by a batch process.

3. Response: The DFAS Business Lines have provided information below on how data is backed up.

a. Accounting Business Line has provided a listing on backup for their major systems. (See Enclosure)

b. The Military and Civilian Pay Services Business Line major systems that are run and backed-up on a daily basis (batch) at DISA Mega-Centers at Mechanicsburg and St Louis are:

- (1) Military Pay:
  - Defense Joint Military Pay System (DJMS)
  - Marine Corps Total Force System (MCTFS)
  - Garnishments (GARNS)
- (2) Civilian Pay:
  - Defense Civilian Pay System (DCPS)
- (3) Retired and Annuity Pay:
  - Defense Retiree and Annuitant System (DRAS)
- (4) The following system is server based and backed up on a daily basis (batch) for Travel Pay Services:
  - Windows Integrated Automated Travel System (WinIATS)
- (5) The following system is run at DISA Mega-centers Huntsville, Mechanicsburg and by OPM and backed up daily:
  - myPay - Master PIN Database

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(6) An offsite save of all database backups is accomplished after each pay cycle.

c. Commercial Pay Services data is provided by the major pay entitlement systems:

<b>Data Owner</b>	<b>System</b>	<b>Backed up by:</b>	<b>Frequency</b>
Contract Pay	MOCAS	DECC-Ogden	Daily - Full Data Dumps
Vendor Pay-Army, Defense Agency, Marine Corp	CAPS-W	DFAS-DBA	Daily - Incremental Backup Weekly - Full Backup
Vendor Pay - Air Force	IAPS	DECC - Ogden	Backup every 4 hours.
Vendor Pay - Navy	OBP	DECC - Mechanicsburg	Image copies of each site - nightly/full COOP backup once a week.

4. Coordination: Mr. J. Chittick, DFAS, 17 August 2005.

1 Enclosure  
As stated



CARLA K. COULSON  
COL, GS  
Deputy, Headquarters and  
Support Activities JCSG

**ABL System Backup Information for BRAC Commission**

BL	PL	CAC	System	Site	Method and Frequency of System Backups	Offline Data Storage Site
			<b>Columbus Systems:</b>			
5	ABL	66243	SAMMS	CA	Daily backups, weekly off-site	Perpetual Storage, Inc. Salt Lake City, UT.
5	ABL	66244	BOSS	CA	Daily backups, daily off-site	Iron Mountain, Dublin, OH.
5	ABL	66245	DFAMS	CA	Daily backups, daily off-site	Perpetual Storage, Inc. Salt Lake City, UT.
5	ABL	66271	FAS	CA	Daily backups, weekly off-site	Iron Mountain, Dublin, OH.
5	ABL	66741	DBMS	CA	Daily backups, weekly off-site	Perpetual Storage, Inc. Salt Lake City, UT.
5	ABL	67701	DDARS	CA	Daily backups, weekly off-site	Recall Total Mgt., Indianapolis, IN.
			<b>Cleveland Systems:</b>			
5	ABL	64103	DRO	CL	Tape cartridge nightly; DASD data replication each 15 minutes to DISA OKC	Nightly tape at DISA Ogden; DASD at DISA Oklahoma City
5	ABL	64119	SAMS	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Mechanicsburg; COOP tape at DISA Chambersburg
5	ABL	64125	DIT	CL	Tape cartridge nightly	DISA Mechanicsburg
5	ABL	66141	DIFMS	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Mechanicsburg; COOP tape to DISA Chambersburg
5	ABL	66203	MFCS	CL	Navy-owned	
5	ABL	66802	CDB	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Mechanicsburg; COOP tape to DISA Chambersburg
5	ABL	66803	IBOP	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Mechanicsburg; COOP tape to DISA Chambersburg
5	ABL	67306	STARS	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Mechanicsburg; COOP tape to DISA Chambersburg
5	ABL	67334	DWAS	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Ogden; COOP tape to Perpetual Storage Incorporated in Little Cottonwood Canyon, Sandy, Utah
5	ABL	67335	WYPC	CL	Tape cartridge nightly	DISA Mechanicsburg
5	ABL	67802	CHOOSE	CL	Tape cartridge nightly	DISA Mechanicsburg
5	ABL	67805	FRS-ACCTG	CL	Tape cartridge nightly; DASD data replication each 15 minutes to DISA OKC	Nightly tape at DISA Ogden; DASD at DISA Oklahoma City
5	ABL	67806	CRS	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Mechanicsburg; COOP tape to DISA Chambersburg
5	ABL	67809	DFRRS	CL	Tape cartridge nightly	DISA Mechanicsburg
5	ABL	69115	NIMMS	CL	Tape cartridge nightly; COOP tape copy weekly	Nightly tape at DISA Ogden; COOP tape to Perpetual Storage Incorporated in Little Cottonwood Canyon, Sandy, Utah
			<b>Denver Systems</b>			
5	ABL	66224	SMAS	DE	Hot back-up for Japan on Mondays and Wednesdays and Dayton/Limestone/Pacific on Tuesday and Thursday, with a cold back-up on Saturdays for all sites.	Stored off site on magnetic tape at Perpetual Storage Incorporated in Little Cottonwood Canyon, Sandy, Utah



**ABL System Backup Information for BRAC Commission**

5	AFL	68303	NAFISS	Nonappropriated Fund Information Standard System	IN	DISA provides daily backups to tape, during the post midnight timeframe, for any files/folders that are updated that day. Full backups of the entire disk complex are done on a weekly basis on the weekend.	Daily and weekly backups are stored to disk-packs by DISA at St. Louis	
5	ABL	69854	ODS	Operational Data Store	IN	DISA provides daily backups to tape, during the post midnight timeframe, for any files/folders that are updated that day. Full backups of the entire disk complex are done on a weekly basis on the weekend.	The backup tape is shipped to an off-site storage location at Mechanicsburg, PA.	
5	ABL	66161	SIFS	Standard Industrial Fund System	IN	DISA provides daily backups to tape, during the post midnight timeframe, for any files/folders that are updated that day. Full backups of the entire disk complex are done on a weekly basis on the weekend.	Daily backups are stored to disk-packs and weekly backups to tape by DISA at St. Louis	SIFS
				<b>Kansas City Systems:</b>				
5	ABL	67401	SABRS	Standard Accounting Budgeting and Reporting System	KC	SABRS has a full database backup from DASD to tape taken every night. And the SABRS domain DASD farm is backed-up once a week.		
				<b>Disbursing Systems (multiple sites):</b>				
5	DBS	64107	ADS	Automated Disbursing System	CL	DECC does daily backups and one batch job backup weekly		
5	DBS	64109	CDS	Centralized Disbursing System	DE	Warm back-ups on Mondays, Wednesdays, and Fridays. Full back ups are done on Saturdays on tapes.	Perpetual Storage Inc, Sandy, Utah weekly	
5	DBS	64115	SRD1	STANFINS Redesign Subsystem 1	IN	DECC does daily backups and one batch job backup weekly		
5	DBS	64116	SNIPS	Standard Negotiable Items Processing System	IN	Tied to DJMS DECC does daily backups		
5	DBS	64117	CRISPS	Consolidated Returned Item Stop Payment System	IN	Tied to DJMS DECC does daily backups		
5	DBS	64127	DCRM	Defense Check Reconciliation Module	DE	Batch back up of production is done daily. Every Wednesday and Saturday evenings back-up to tapes are created.	Back-up to tapes created are sent to Chambersburg	
5	DBS	64129	BEBS	Book Entry Bond System	CL	DECC does daily backups and one batch job backup weekly		
5	DBS	67118	CFASS	Central Finance & Accounting Support Systems	DE	Production is backed up daily. CFASS production is also backed up weekly	Weekly production backups stored at Chambersburg (off-site) using cartridges	