

SERVICE SUPPORT AND BUSINESS APPLICATIONS LOGISTICS APPLICATION SERVICES

LOGFAS M&T DATABASE CONFIGURATION FOR REPLICATION

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Overview & Requirements

This user guide explains how to configure the LOGFAS database ready for Replication.

Introduction

In an effort to reduce the amount of data being replicated it is important to remove the data that will not be used during the execution phase of an Operation or Exercise.

Database Configuration

To enable best practice for the use of Replication between server database the following five step configuration contained in this doucment is strongly recommended.

The Aim

To reduce the amount of data being replicated and remove any data that will not be required during the execution phase, not withstanding the LOGREP requirements if a single database is used for both the Logistic and M&T communities.

Step 1. Import a Database

- 1. Importing a database allows you to restore a backup of a previous database, or to use one that was exported from another computer.
- 2. To Import a database click on the **Import** le button in the tool bar. The '*Import Database*' window will appear.

Import Database	×
New Database Setting ODBC Name: Description:	3
Import File Backup File:	Browse
	OK Cancel

Figure 1

3. In the Import File section, click the **Browse** button. An 'Open' window will appear allowing to choose the file to import. It must be a valid PostgreSQL file with a ".backup" extension.

Open		
G 🖉 🐂 🕨 Comput	er 🕨	• • • Search Computer
Organize 🔻		• <i>"</i> ▼ □ 0
 ★ Favorites ■ Desktop ■ Downloads ■ Recent Places ■ Courments ■ Music ■ Videos ■ Videos ■ Videos 	 Hard Disk Drives (1) Local Disk (C) 9.54 GB free of 39.8 GB Devices with Removable Storage (3) Floppy Disk Drive (A) 	BD-ROM Drive (E:)
File n	ame:	→ Backup Files →
		Open Cancel

Figure 2

- 4. Select the ".backup" file and click the **Open** button.
- 5. The ODBC Name will be inserted automatically, alternatively enter an ODBC Name and Description for the new database. The ODBC Name should begin with "LOGFAS_" but the system will add it automatically if left off. Spaces are not allowed, so underscores should be used to represent a space.
- 6. The maximum length of the ODBC Name is 24 characters.
- 7. Click the **OK** button to begin the import. It may takes some time and a progress bar will appear at the bottom of the screen while it's working. When done, the imported database appears in the main list.

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8. Double-click on the newly created database name to set it active and ready for use (validated by the green mark ✓ in front of the name).

	M								
File	Action	Help							
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	Active	Name	Description	Туре	Security Level	Releasable	Asset	Geo	RIC
		LOGFAS_logbase	LOGFAS baseline database.	Local	NATO/PFP UNCLASSIFIED		6	13	1
	 Image: A start of the start of	LOGFAS_Replication_Test		Local	NATO UNCLASSIFIED		6	13	1
		LOGF_TEMPLATE	LOGFAS template database	Template	NATO/PFP UNCLASSIFIED		6	13	1

Figure 3

Step 2. Initialise the FEP

1. Click File on the Main Menu then select Open FEP from the context menu.



- 2. The Open FEP dialog will open.
- 3. Select the Plan for Operation or Exercise then select the MNDDP.





- 4. Click on the **OK** button.
- 5. If this is the first time the DDP has been opened in EVE an "Initialize EVE Movements" dialog will open, selecting any of these will result in Passenger and Cargo requests being generated for Unsourced Movements Legs (UMLs). If this doesn't open then the DDP has already been initialised in EVE which means it has been opened previously.

Initialize EVE movements
This is the first time you open this DDP in EVE
Before you can continue, EVE needs to initialize the execution phase of the plan for all asset movements.
With LOGFAS Version 6.0 ADAMS and EVE use the same storage space in the database for missions, so any change in ADAMS or EVE is immediately visible in the other application.
The only data that needs to be seperated is the mission time (since EVE uses real times and ADAMS uses times relative to G day) and manifest data (EVE is based on manifest requests and ADAMS based on unit movements)
By clicking OK, the current timings and manifest will be copied from ADAMS to EVE, you can synchronize these again at a later stage if your ADAMS DDP changes.
You can optionally convert unsourced ADAMS movements into EVE manifest requests by checking the boxes below
🔲 Unsourced Air movements 🛛 🔲 Unsourced Rail movements
🔲 Unsourced Sea movements 🛛 🔲 Unsourced Road movements
Unsourced IWW movements (inland water way)
OK Cancel

Figure 6

- 6. Requests can be generated by selecting the different MOTs Unsourced Movements. This will place an unsourced Passenger or Cargo Request that can be accessed in the Request View (RV) in EVE.
- 7. This action should be confirmed with the AMCC or Flow Coordination Centre acting on behalf of the AMCC, before any requests are generated.
- 8. To initialise the DDP click on the **OK** button.

Step 3. Export the FEP

1. Click File on the Main Menu then select Export FEP from the context menu.

1	VE	
File	Basic Data View Help	
	Open FEP	Ctrl+O
	Import FEP	Ctrl +I
	Export FEP	Ctrl+E
	Preview FEP	Ctrl+R
	Other Export Options	+
	Import Definitions	
	Create Multinational FEP	
	Preferences	F9
	Exit	Alt+F4

Figure 7

2. The Export FEP dialog will open.

Open FEP				×
Please select the DDP whose First select the plan here	asset movements you want to	edit Then select the DDP from this list		
Name		DDP	Remarks	*
Deployment Plan		MNDDP with RSOM	For NCIA Testi	-
EVE Loading Test		NLD Deployment Unsourced	For NCIA Testi	
		NLD Sourced Strategic DDP	For NCIA Testi	
		NOR Deployment Unsourced	For NCIA Testi	
		NOR Sourced Strategic DDP	For NCIA Testi	-
		POL Deployment Unsourced	For NCIA Testi	=
		POL Sourced Strategic DDP	For NCIA Testi	
		PRT Deployment Unsourced	For NCIA Testi	
1		PRT Sourced Strategic DDP	For NCIA Testi	Ψ.
	ОК	Cancel	Advanced >>>	



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- 3. Select a **Plan** and then select a corresponding FEP. Ensure that the Export Manifest of Missions is activated before the export begins.
- 4. Click on the **OK** button; the Save As Window will open.
- 5. Save the .eve file to an appropriate location and click on the **Save** button.
- 6. The export will begin, when the export is complete a dialog will open indicating if the export was successful. Click on the **OK** button.
- 7. Close EVE.

Step 4. Create a New Local Database

- 9. To create a new local database, perform the following steps :
- 10. Click the **New** 💷 button in the tool bar. The 'New Database' window will appear.

New Database	[23
Database Informati ODBC Name: Description:	ion	
Owner Security Level	• •	
Releasability Choose		
	OK Cancel	



11. Enter an ODBC Name for the new database and a Description. The ODBC Name should begin with "LOGFAS_" but the system will add it automatically if left off.

- Database Informa	tion
ODBC Name:	
Description:	



12. Select an Owner and a Security Level in the lists. The Security Level cannot be left blank.

Owner	
Security Level	
	Figure 11

13. Click the **Choose** button if you need to specify one or several fields of releasability. Check / uncheck the desired codes then click the **OK** button to validate changes.

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Releasability	
Choose	

Ei	σure	12
E L	guie	77

14. When all fields are complete, click the **OK** button to create the database.

New Database		×
Database Informatio	on	
UDBC Name:	Replication	
Description:		
Owner	NATO -	
Security Level	NATO UNCLASSIFIED	
Releasability	PFP/EXER	
Choose		
	OK Cancel	



- 15. Building the database can take some time. A progress bar will appear at the bottom of the screen while the application is working.
- 16. When the process is complete, the new database will be listed in the main window.



17. Double-click on the newly created database name to set it active and ready for use (validated by the green mark ✓ in front of the name).

	M								
File	Action	n Help							
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	Active	Name	Description	Туре	Security Level	Releasable	Asset	Geo	RIC
		LOGFAS_logbase	LOGFAS baseline database.	Local	NATO/PFP UNCLASSIFIED		6	13	1
	 Image: A start of the start of	LOGFAS_Replication		Local	NATO UNCLASSIFIED	EXER/PFP	6	13	1
		LOGFAS_Replication_Test		Local	NATO UNCLASSIFIED		6	13	1
		LOGF_TEMPLATE	LOGFAS template database	Template	NATO/PFP UNCLASSIFIED		6	13	1



Step 5. Import the FEP

- 18. Open EVE.
- 19. Click File on the Main Menu then select Import FEP from the context menu.

X E	:VE	
File	Basic Data View Help	
	Open FEP	Ctrl+O
	Import FEP	Ctrl +I
	Export FEP	Ctrl+E
	Preview FEP	Ctrl+R
	Other Export Options	•
	Import Definitions	
	Create Multinational FEP	
	Preferences	F9
	Exit	Alt+F4

Figure 16

20. The Import dialog will open.

Import				×
	Welcome to the l Which file do you	mport wizard I want to import?		
911 101 1001 1001	□ Import Color □ Update databas	s se		Browse
	C Add new m	issions only ws and update (rep	olace) existi	ng missions
	🔽 Import Pax a	nd Cargo		
	ОК	Cancel	Adv	anced >>>



21. Click on the **Browse** button. The Open window will appear. Select the .eve file for the FEP to be imported and then click on the **Open** button.

📕 Open			x
😋 🔍 🗢 🏴 🕨 Compute	er 🕨	- 47 Search Computer	٩
Organize 🔻			0
 ✓ Favorites ■ Desktop Quernloads 20 Downloads 20 Recent Places 	 Hard Disk Drives (1) Local Disk (C;) 9.41 GB free of 39.8 GB Devices with Removable Storage (3) 		
 ✓ □ Libraries > □ Documents > → Music > □ Pictures > ■ Videos 	Floppy Disk Drive (A:)	D:) BD-ROM Drive (E:)	
Gomputer Generation			
File n	ame:	✓ EVE files (*,eve) ✓ Open Cancel	•

Figure 18

22. If you wish to keep the original Plan and the FEP name click on the **OK** button. If you want to change either the Plan or FEP name click on the **Advanced** button.

If you click on the Advanced button, three new functionalities will be available.

Import				×
	Welcome to the I Which file do you	mport wizard want to import?	DDP with R	50M 1509247 M
2017 101	Import Color	5		Browse
20011	Update database C Add new missions only			
	 Add new row Import Pax a 	ws and update (rep nd Cargo	olace) exist	ing missions
	ОК	Cancel		<<< Basic
🥅 Change imported Plan t	o:			•
🔲 Change imported DDP t	o:			
Select columns to import				



- The first is "Change imported Plan to". Activating the check box will activate the Plan drop-down. Any available plans can be seen in the drop-down. If no other plans are available, then the plan must first be created in the Basic Data.
- b. The second is "Change imported DDP to". Activating the check box will activate the field, this is a free text field. This should only be activated if the original name of the DDP/FEP is required to be changed i.e if this DDP/FEP already exists in the database.
- c. The third is a button "Select columns to import". Clicking on this button will open the "please select the columns that you want to import" window. Here you can specify what columns from the FEP you want to import. It is recommended that all of these columns should be imported. Click on the OK button to close this window.
- 23. Once the Plan has been selected and FEP name been chosen, click on the **OK** button.

Import		×
	Welcome to the Import wizard Which file do you want to import? C:\Users\admin.eve\Desktop\MNDDP with RSOM 15092	:4Z M
	 ✓ Import Colors Browse C Add new missions only ✓ Add new rows and update (replace) existing mission 	
	✓ Import Pax and Cargo	
	OK Cancel <<< Basic	
🔲 Change imported Plan to	o:	•
☑ Change imported DDP to	o: Replication	
Select columns to import.		



24. The Import process will start and a progress bar will appear.

Reading file (table MOV_MissionLeg)	

Figure 21

- 25. Depending on the size of the FEP this may take some time.
- 26. Once the import is complete a dialog will appear. It will confirm the number of missions that have been imported. Click on the **OK** button to close the dialog.
- 27. Click File on the Main Menu then select Open FEP from the context menu.



28. The 'Open FEP' dialog will open. As this is a new database there should only be one Plan and one associated DDP/FEP available. This will be the one that has just been imported.

pen FEP				E
Please select the DDP whose a First select the plan here	isset movements you want t	o edit Then select the [DP from this list	
Name		DDP	Remarks	
Deployment Plan		Replication	For NCIA Testi	
	ок	Cancel		Advanced >>>

Figure 23

29. The database is now ready to setup as the baseline database on the Master and Slave's servers.