# Diffuser/MDR Release Notes

8.1 — Last update: 2016/05/11

**Basis Technologies** 

### **Table of Contents**

Introduction	. 1
SAP Certification	. 2
Diffuser 8.10	. 3
Enhancements (8.10)	. 4
Capacity Groups	. 5
Bug Fix (8.10)	. 6
Transformation Programs	. 7
Diffuser 8.00	. 8
Re-naming	. 9
Enhancements (8.00)	10
MiniCubes	11
APIs	13
Debugging Intervals	14
Reprocess Error	16
License Keys	19
Bug Fix (8.00)	21
Interval Status	22
Syntax Error for SAP Release 7.40	23
Mass Data Runtime 7.20	24
Enhancements (7.20)	25
Security Enhancements	26
Bug Fix (7.20)	28
Child Job	29
Mass Data Runtime 7.10	30
Enhancements (7.10)	31
Distribution	32
Launch Transformation Program	33
View App Servers	34
Mass Data Runtime 7.00	35
Deployed into BTR Namespace	36

### Introduction

These Release Notes provide an overview of the new functionality rolled out in recent versions of Diffuser (previously called Mass Data Runtime).

- Diffuser 8.10 (released August 2015)
- Diffuser 8.00 (released March 2015)
- Mass Data Runtime 7.20 (released March 2013)
- Mass Data Runtime 7.10 (released September 2011)
- Mass Data Runtime 7.00 (released January 2010)

### **SAP** Certification

Diffuser/MDR is a SAP certified product:

• Certified for integration with SAP ABAP 7.0 (SAP report no. 28272361)

All Diffuser SAP components exist within Basis Technologies' own namespace /BTR

### Diffuser 8.10

### Enhancements (8.10)

# **Capacity Groups**

Capacity Groups extend the ability of users to control the distribution of system resources to Diffuser programs. It supports the construction of groups of background processors from a number of Application Servers into what Basis Technologies terms a Capacity Group. It allows for each Application server to supply a percentage of background processors to a Capacity Group and the ability to ring fence a number of background jobs to be kept free from being utilized by Diffuser. Capacity Groups also allow the setup of "Activity Periods" where at a configured day of the week and time the configuration can change the number background jobs available to the capacity group.

Different programs can be given a low, medium or high priority where each is set up with percentages of the overall capacity group. Take as an example a Capacity Group of 100 background processors where low priority programs are configured with 10%, medium 20% and high 70%. If programs are running at all priority levels the low priority programs can only use 10 background jobs so just 10 of the total, while the high priority programs have 70 processors available

The configuration of the capacity group can be changed at runtime and this will be reflected in the Diffuser programs running once the changes are saved.

More details are available in the <u>Capacity Groups</u> section of the Administrators Guide.

### **Bug Fix (8.10)**

## **Transformation Programs**

In transformation programs that have used the statement "mdr\_instance\_result\_get" in the Initialization of the transformation program will get the error "An Diffuser transformation program cannot be run directly" this formerly worked with version 7.20, this bug is now fixed and the statement "mdr\_instance\_result\_get" no longer throws an error.

### Diffuser 8.00

### **Re-naming**

Mass Data Runtime is now known as Diffuser, which is a part of our Node5 Architecture which is at the core of all of Basis Technologies software solutions.

For a program to be accelerated by the Node5 Diffuser, it can either be developed as a custom Z Accelerator or provided as a prepackaged program supplied by Basis Technologies (as a GT, GTi or BDi App). The key features to accelerate a program are the Node5 Diffuser and Node5 MiniCube.

### Enhancements (8.00)

The following Enhancements where made to the framework for the upgrade to Diffuser 8.0

- MiniCubes
- Debugging Intervals
- <u>Reprocess Error</u>
- <u>Security Enhancements</u>

### MiniCubes

With previous versions of MDR the Run History transaction /BTR/MDRH was used to access historical runs as well as viewing the live running of programs, this transaction still runs and exists as it did previously, however, there is now an enhanced transaction /BTR/MINICUBE. It works in much the same way as the Run History, but with an enhanced look and feel and the following key differences.

- Debugging Intervals
- <u>Reprocessing Errors</u>
- Increase jobs with a simple number and view numbers of available background jobs

The entry screen to transaction /BTR/MINICUBE is very similar to /BTR/MDRH it allows to search by user, time period, status and program.

MiniCube - Explorer					
<b>(</b>					
Select Options					
Instance ID		to		 <b>⊳</b> ]	
Started By	USER1	to		₽	
Start Date	28.02.2015	to		₽	
Start Time	00:00:00	to	00:00:00	\$	
End Date		to		₽	
End Time	00:00:00	to	00:00:00	₽	
Instance Status		to		₽	
Diffuser Program		to		₽	

MiniCube will show a list of the Diffuser defined program(s) with instances relevant to the search criteria, expand the Z Accelerators Node to reveal the results.

# MiniCube - Explorer Image: Constant of the second sec

By drilling down on the program name the user will access the programs instance runs. Select an instance and double click or click "Transform" to display the results of the run.

MiniCube - Explorer											
회 야 Enable Diffuser											
<ul> <li>Z Accelerators</li> <li>10) /BTR/MDR_PP_FBDLS_IVLGEI</li> <li>12) /BTR/MDR_PP_FBDLS_MULTI</li> </ul>	(21)					Applog 🔞 r Sample:	Flight R	eport			
<ul> <li>(56) /BTR/MDR_SAMPLE_FLIGHT_</li> <li>(4) /BTR/RSEXARCA_MDR - Archive</li> </ul>		Instance Name	Started By			End Date 28.02.2015	End Time 01:41:15	Status Finished	Comp 100%	Remaining	
<ul> <li>(21) /BTR/SAMPLE_FLIGHT_REPO</li> <li>(3) ZSAMPLE_FLIGHT_REPORT - C</li> </ul>	000	British Airways Flights All Flights	TENGLAND	28.02.2015	01:37:41 01:37:13	28.02.2015	01:40:19 01:40:26	Finished	100% 100%		
Image: March 1 (1) ZSAMPLE_FLIGHT_REPORT2 -	000	Lufthansa Flights	TENGLAND	28.02.2015	01:36:57	28.02.2015	01:38:48	Finished	100%		
		Demo Demo		19.02.2015 29.01.2015	16:04:24 10:37:53	29.01.2015	00:00:00 10:39:50	In Process Finished	4% 100%	4:19:04	

In the same manner you can check the application log for error messages.

MiniCube - Explorer	MiniCube - Explorer										
3 🕂 Enable Diffuser											
Z Accelerators		) <u>a 7</u> 7 M	1	🞝 🔪   📑 Tra	nsform	Applog					
	(21) /BTR/SAMPLE_FLIGHT_REPORT - Diffuser Sample: Flight Report										
(56) /BTR/MDR_SAMPLE_FLIGHT_	Status	Instance Name	Started By	Start Date	Start Time	End Date	End Time	Status	Comp	Remaining	
<ul> <li>(4) /BTR/RSEXARCA_MDR - Archive</li> </ul>	000	American Airlines Flights	TENGLAND	28.02.2015	01:38:28	28.02.2015	01:41:15	Finished	100%		
(21) /BTR/SAMPLE_FLIGHT_REPO		British Airways Flights	TENGLAND	28.02.2015	01:37:41	28.02.2015	01:40:19	Finished	100%		
(3) ZSAMPLE_FLIGHT_REPORT - C	000	All Flights	TENGLAND	28.02.2015	01:37:13	28.02.2015	01:40:26	Finished	100%		
Image: March 1 Control of the second seco	000	Lufthansa Flights	TENGLAND	28.02.2015	01:36:57	28.02.2015	01:38:48	Finished	100%		
	020	Demo	BGREEN	19.02.2015	16:04:24		00:00:00	In Process	4%	4:19:04	
	000	Demo	TENGLAND	29.01.2015	10:37:53	29.01.2015	10:39:50	Finished	100%		

Once on the screen above the user will be able to see and administer historical data as well as instances in progress using the functionality mentioned in <u>Administering Diffuser Programs.</u>

## <u>APIs</u>

A suite of APIs have been introduced to allow the retrieval of information and the administration of a Diffuser instance

The Jobname and Jobcount have to be provided as parameters and used to perform the following actions on a Diffuser Instance:

- Pause Instance
- Restart Instance
- Change number of processors running against an instance

The following information on a Diffuser instance can be retrieved:

- Status
- · Estimated time remaining
- Percentage complete
- Number of intervals completed
- Number of intervals remaining
- Number of active background processes operating

### **Debugging Intervals**

Diffuser 8.0 also offers the ability to debug an individual interval through the MiniCube transaction /N/BTR/ MINICUBE, on finding an interval in error there is now the option of debugging the interval to try and work out what went wrong.

Firstly ensure you have positioned your break point in the code, then select the interval and right-click for the option to "Debug an Interval"

	1 4	7.8.	H H 12		Trans	form	Applog	Results	🔁 Interv	als   🔁	Variants	🚺 App. S	ervers	Pause	e 🔗 Resur	ne   🕐	
ZER	ZERROR_FLIGHT_REPORT																
Statu	Status Instance Name Started By Start Date Start Time End Date End Time Status Comp Remaining Active Job - + CG																
000	ZERROR FLIGHT REPORT TENGLAND 12.06.2015 18:22:46 00:00:00 Error 100%																
ZER	ZERROR_FLIGHT_REPORT																
Statu	_		High Value			Results											
000			00000047			1											
000			00000098			1											-
000			00000173			1											
000			00000221		0:00:03	1											
000			00000273		Copy Te	- xt											
000			00000332	Complet		~~											
000			00000379		<u>D</u> etails												
000			00000426		<u>O</u> ptimize	Width	- 1										
000			00000473		<u>U</u> nfreeze	Columns											
000	10		00000520		Find												
000	11		00000567		Find Nex	+											
000	12		00000614		-												
000	13		00000661		<u>S</u> et Filter												
000	14		00000708		<u>S</u> preadsh	neet											
000	15		00000755		Debug Ir	nterval											
000	16		00000802		Launch S	SBO Explo	orer										
000	17	00000803	00000849			CO CAPA											Ψ.

The debugger will then open at your break point.

ABAP Debugger(2) (Exclusive)(BTI2250_MD2_00)									
🖙 📭 🚛 🖡 Step Size 🛛 🌚 🗋 Watchpoint 📲 Layout 🔞 Configure Debugger Layer									
ZERROR_FLIGHT_REPORT / ZERROR_FLIGHT_REPORT / 98 SY-SUBRC 0									
🐐 F	ORM	/ MDR_INTERVAL_PROCESSING							
Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Objects DetailDisplay Dat									
	Desiteop								
_									
	93								
	94	* Type-cast the interval low and high values							
	95	<pre>lv_customid_low = x_interval-low.</pre>							
	96	lv customid high = x interval-high.							
	97								
	98 E	if x interval-sequence = 5.							
	99	message e000(/BTR/MDR).							
	100	endif.							
	101								
	102	* Write a message to the MDR application log							
	102	write a message to the MDA apprication rog							

### **Reprocess Error**

Diffuser 8.0 also offers the ability to reprocess intervals in error through the MiniCube transaction /N/BTR/ MINICUBE, on finding an interval in error as below there is an option to reprocess where you have been able to fix the cause of the error, such as updating some master data.

	Bear in mind the impact that running the interval out of sequence or at a later date may have on your report or processing of data.											
	🛛 🕲   各 🖓   下   操 操   室 , 译 ,   🗄 Transform   🖾 Applog   ि Results   🖾 Intervals   🕲 Variants   🗓 App. Servers   🍠 Pause 🧖 Resume   📀											
ZERF	ZERROR_FLIGHT_REPORT											
	Instance		-	ed By Star	t Date	Start Ti	me End Date End Time Status Comp Remaining Active Job - + CG					
				GLAND 12.0		17:33:0						
	1 A		A) (2) (2	2 . 🔄 .								
			REPOR									
			High Value		Runtime							
000				Completed		1		1				
000				Completed		1		-				
000				Completed		1						
000			00000221	Completed	0:00:04	1						
000				Completed		<u>0</u> 1						
000				Completed		1						
				Completed		1						
				Completed		1						
				Completed		1						
				Completed		1						
000				Completed		1						
000	13	00000615	00000661	Completed	0:00:04	1						
000	14	00000662	00000708	Completed	0:00:03	1						
000	15	00000709	00000755	Completed	0:00:04	1						
000	16	00000756	00000802	Completed	0:00:03	1		1				
	17	00000803	00000849	Completed	0:00:03	1		-				

To reprocess the error select the instance in the status of error and right-click for the "Reprocess Error" option as below.

	) (2)	7	H (2) [2	2 . 🛃 .	Trans	form 🛛 🖻	Applog   🔁 Results   🔀 Intervals   🔁 Variants   📔 App. Servers   🔁 Pause 🔗 Resume   💽						
ZERF	ZERROR_FLIGHT_REPORT												
Status	Status Instance Name Started By Start Date Start Time End Date End Time Status Comp Remaining Active Job - + CG												
00	CO ZERROR FLIGHT REPORT TENGLAND 12.06.2015 17:33:02 00:00:00 Error 100%												
	Details												
ZERE	OR F	IIGHT	REPOR	т	Unfreeze Columns								
	_		High Value		Runtime	Results	Find						
				Completed	0:00:09	1 1	Find Next						
000				Completed		1							
				Completed		1	Set Filter						
				Completed	0:00:04	1	Spreadsheet						
200			00000221		0:00:00	0	Delete Run						
000				Completed		1	Force Error						
000				Completed		1	Reprocess Error						
000	8	00000380	00000426	Completed	0:00:04	1	Rename						
000	9	00000427	00000473	Completed	0:00:04	1							
000	10	00000474	00000520	Completed	0:00:03	1	Launch SBO Explorer						
000	11	00000521	00000567	Completed	0:00:03	1							
000	12	00000568	00000614	Completed	0:00:03	1							
000	13	00000615	00000661	Completed	0:00:04	1							
000	14	00000662	00000708	Completed	0:00:03	1							
000	15	00000709	00000755	Completed	0:00:04	1							

The same as resuming a Diffuser instance the popup for the number of processors you want to utilize appears.

🛛 🕄 🔁 🔽 🕼 🕼 🖾 🗖 Transform	🛛 🛐 🛆 🖓 🕅 🕅 🔀 🔎 🕞 Transform 🖾 Applog 🖓 Results 🖾 Intervals 🕼 Variants 🔋 🖓 App. Servers 🖓 Pause 🖉 Resume 🛛 🎯											
ZERROR_FLIGHT_REPORT	ZERROR_FLIGHT_REPORT											
Status Instance Name Started By Start Date Sta	tart Time End Date End Time Status Comp Remaining Active Job - + CG											
CO ZERROR FLIGHT REPORT TENGLAND 12.06.2015 17:33:02 00:00:00 Error 100%												
ZERROR_FLIGHT_REPORT	Cr Available BGDs: 3											
Status Interval Low Value High Value Status Runtime Res												
1 0000001 0000047 Completed 0:00:09	1											
COO 2 00000048 00000098 Completed 0:00:10												
COC 3 00000099 00000173 Completed 0:00:13												
4 00000174 00000221 Completed 0:00:04	1											
5 00000223 00000273 Error 0:00:00 0	0											
6 00000274 00000332 Completed 0:00:06	1											
CCC 7 00000333 00000379 Completed 0:00:04	1											
8 00000380 00000426 Completed 0:00:04	1											
9 00000427 00000473 Completed 0:00:04	1											
10 00000474 00000520 Completed 0:00:03	1											
11 00000521 00000567 Completed 0:00:03	1											
12 00000568 00000614 Completed 0:00:03	1											
13 00000615 00000661 Completed 0:00:04	1											
14 00000662 00000708 Completed 0:00:03	1											
000 15 00000709 00000755 Completed 0:00:04 1	1											

In this example the error is successfully reprocessed.

	1 (2)	<b>8</b>   <b>8</b>	H H	2.2.	🖪 Tran	sform	🗳 Applog   🔁 Results   📴 Intervals   🔁 Variants   📋 App. Servers   🍠 Pause 🕼 Resume   📀				
ZERF	ZERROR_FLIGHT_REPORT										
Status	Status Instance Name Started By Start Date Start Time End Da. End Time Status Comp Remaining Active Job - + CG										
CODE         ZERROR FLIGHT REPORT         TENGLAND         12.06.2015         17:33:02         12.06.20         17:56:50         Finishe         100%											
	ZERROR_FLIGHT_REPORT										
		Low Value	-	Status	Runtime						
000				Completed		1	·				
000				Completed		1	· · · · · · · · · · · · · · · · · · ·				
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
000				Completed		1					
	14	00000662	00000708	Completed	0:00:03	1					

### License Keys

A new method of installing License Keys enables you to easily check the installed products that can be accelerated by Diffuser.

To check the products you have installed in your system, select the "List installed products" option as below and execute.

Diffuser License Manager
⊕
O Check installed keys
🔾 Install key file
○ Test key file (no install)
ORemove all licence keys
<ul> <li>Export installed keys</li> </ul>
<ul> <li>List installed products</li> </ul>

A list of installed products on your system is shown.

### Diffuser License Manager

### 🕄 | A 🔻 🌾 | 🕼 | 🏝 🐨 🖪 | 🎟

		ObjectTypeName
0001	0001 Graviti - Fast Month End Depreciation	/BTR/CL_MDR_LICENCE_KEY_PP_DEP
0002	0002 Consenti - Compliance Control Engine	/BTR/CL_MDR_LICENCE_KEY_PP_CGT
0003	0003 ExPo - Fast PO Status Tracker	/BTR/CL_MDR_LICENCE_KEY_PP_EXP
0004	0004 PoGo - Fast PO Closure	/BTR/CL_MDR_LICENCE_KEY_PP_POC
0006	0006 Setelite - Fast Month End Settlement	/BTR/CL_MDR_LICENCE_KEY_PP_SET
0007	0007 Articlus - Fast Retail Assortment Publisher	/BTR/CL_MDR_LICENCE_KEY_PP_ART
0008	0008 Production Order Settlement	/BTR/CL_MDR_LICENCE_KEY_PP_STP
0009	0009 SnapOps - Scramble	/BTR/CL_MDR_LICENCE_KEY_PP_DSF
0010	0010 BDEX	/BTI/CL_MDR_LICENCE_KEY_PP_BDX
0011	0011 Javelin - Joint Venture Accounting	/BTR/CL_MDR_LICENCE_KEY_PP_JVA
0012	0012 Batch Accelerator	/BTR/CL_MDR_LICENCE_KEY_BATCH
0013	0013 DevOps - Archiving of IDOCs	/BTR/CL_MDR_LICENCE_KEY_PP_ARI
0014	0014 Fast Material Document List	/BTR/CL_MDR_LIC_KEY_MAT_LIST
0015	0015 DevOps - Archiving of Sales Orders	/BTR/CL_MDR_LIC_KEY_PP_VBAK
0016	0016 DevOps - Archiving of FI Docs	/BTR/CL_MDR_LIC_KEY_PP_FIDOC
0017	0017 DevOps - Emma Case	/BTR/CL_MDR_LIC_KEY_PP_EMMACAS
0018	0018 DevOps - Archiving of Billing Doc	/BTR/CL_MDR_LIC_KEY_PP_VBRK
0019	0019 DevOps - Archive Delete	/BTR/CL_MDR_LIC_KEY_PP_ARCHDEL
0020	0020 DevOps -Archiving of EMMA Job	/BTR/CL_MDR_LIC_KEY_PP_EMMAJOB
DRCC	Remote Client Copy GT	/BTR/CL_MDR_LICENCE_KEY_FRCC
GT	Description	/BTR/CL_MDR_LICENCE_KEY_GT0003
GTSC	System copy GT	/BTR/CL_MDR_LICENCE_KEY_GT_SC
MDR2	Diffuser	
RBOP	REBOP - Rescheduling\Backorder Processing	/BTR/CL_MDR_LICENCE_KEY_PP_BOP
TE01	TE01 Advanced dependency check	/BTI/CL_MDR_LICENCE_KEY_TE_ADC

### **Bug Fix (8.00)**

### **Interval Status**

Occasionally Interval Status could be reset to available by selecting and displaying the results, this is now fixed.

## Syntax Error for SAP Release 7.40

The interval object for contracts had a problem with the higher syntax standards for ABAP in the release 7.40 this has now been corrected.

### Mass Data Runtime 7.20

### Enhancements (7.20)

# **Security Enhancements**

MDR now includes options to control users making changes to the technical settings of MDR runs and being able to add authority checks, coded to your own requirements via exits.

The "Defaults for Technical Settings" screen through the /BTR/MDR transaction now offers two options for functionality restrictions, "Lock Technical Settings" and "Lock Expert Mode". These work at a program level and once set they will apply for every user.

### Lock Technical Settings

This options allows to lock all input fields for Technical Settings. This is useful if when a program can repeatedly run with the same default values and users should not change those values. When this option is set, the Expert Mode in the Run History will be locked as well.

This restriction applies at program level and not at user level. That is, once set the Technical Settings will be locked for all users. Restrictions at user level can be implemented with the MDR enhancement spots (see MDR Enhancement Spots document).

### Lock Expert Mode

This option is similar to "Lock Technical Settings". The only difference is that on the Technical settings screen only the input fields under "Distribution" are locked. This allows the user to change settings like label name while protecting the more critical job distribution section from potential misuse. This option applies at program level as well. Restrictions at user level can be implemented with see the MDR Developers Guide Authority Checks

MDR also provides enhancement spots to allow developers to apply customer specific authority checks. This can be used to restrict technical as well as administrative settings at user and at program level. To implement authorizations into MDR the following steps allow you to control which users can control the technical parts of MDR, either in the technical settings popup or the expert mode in the MDR Run History, using normal SAP authorization objects.

Implementation Technical Settings Expert Mode Individual Actions For more information refer to the section <u>Authority Checks</u> in the MDR Developers Guide.

### **Bug Fix (7.20)**

# Child Job

In the rare event that no free background work processes were available and a MDR master job was set to "wait for completion" then there was a possibility that the job would not complete correctly, this has been fixed by ensuring the status of all jobs is considered from the Job Status Overview Table (TBTCO).

### Mass Data Runtime 7.10

### Enhancements (7.10)

### Distribution

To enable greater control over the distribution of processors, options were added to the technical settings to allow the usage of server groups or manual distributions, rather than simply a number of background jobs.

- Distribution according to server grouping This allows the distribution of jobs over one server group to control the number of processors available to this MDR instance
- Manual Distribution The server grouping above can also be distributed manually

Distribution	
ONumber of batch jobs across all servers	
O Distribution according to server group	▼
Manual Distribution     10     BTI3035_DM1_00     Run online as a single process (debugging mode)	

### **Launch Transformation Program**

When running programs online some users have no wish to see the run history program so simply want to view the results the option on technical settings as below now enables this to occur.

Other settings		
Wait for run to complete	Launch Transformation Program after completed run	

In addition the MDR statement mdr-begin-select\_screen\_trans allows the transformation program to be run separately from the run history and doing so will produce the options below the main part of the selection screen allowing the user to check their latest runs or select runs. See the developers guide <u>Transformation</u> section for more details.

MDR Transformation run options						
<ul> <li>Latest run</li> </ul>						
OLatest run for user	BASISTECH					
○ Selected run						

### **View App Servers**

A button was added in the Run History screens to view the application servers click the App Server button as below.

MDR: Run History												
Transform	Results	🔁 Intervals	🔁 Variants 🤇	🚺 App. Ser	vers 👌	0 🖉   🛆 👻   🖾   1		0				
Diffuser Program		Report title									Run Count	
/BTR/SAMPLE_FLIGHT_REPORT		Diffuser Sample: Flight Report									26	
Instance Name	Stanted Bu	Ctant Date	Start Time	End Date	Fed Time	Instance Status	Com	Demoising	Active Jo			
Instance Name	Started By	Start Date	Start line	End Date	End lime	Instance Status	Comp	Remaining	Accive up	- 0	+	4
Qantas Airways Flights	TENGLAND	19.12.2014	15:56:53	19.12.2014	15:58:36	Finished	100%					
American Airlines Flights	TENGLAND	19.12.2014	15:38:18	19.12.2014	15:40:22	Finished	100%					
All Fllights	TENGLAND	19.12.2014	15:37:45	19.12.2014	15:39:26	Finished	100%					
BA Flights	TENGLAND	19.12.2014	15:36:11	19.12.2014	15:36:15	Finished	100%					
Run Name	TENGLAND	13.12.2014	01:11:16	13.12.2014	01:12:21	Finished	100%					

This then displays the available App Servers

SAP Servers				
🛐 🥸 🐣 隋 Release Notes 💈	S   3 7   4 7   8 4 4			
Server Name	Host Name	Message Types	Status	
bti101 D01 01	bti101	Dialog Batch Update Upd2 Spool Enqueue ICM	Active	

### Mass Data Runtime 7.00

### **Deployed into BTR Namespace**

At this point Mass Data Runtime was brought into the /BTR/ namespace and baselined as a product.