



Endevor for Db2:

1) Supporting BIND SERVICE statement

MTC DBM (Modern UI):

2) Access both Admin and Performance using single URL

SRINIVAS ADUPA | PRODUCT OWNER, BROADCOM

Endevor for Db2: BIND SERVICE statement

- BIND SERVICE:
 - Mask BIND SERVICE statements based on the need
 - Ability to point errors
 - Already supported BIND PACKAGE and BIND PLAN

Endevor for Db2: BIND SERVICE statement

```
File Edit Edit_Settings Menu Utilities Compilers Test Help
EDIT EDB2SERV.JOB48176.JCL Columns 00001 00072
Command ==> Scroll ==> CSR
000026 //BINDLIB DD DISP=SHR,DSN=EDB2.NDVR.BIND (RADFRED)
000027 CONNECT SSID D11A.
000028 BIND SERVICE(ADUSR01) NAME(SRINI33) -
000029 ACTION ( ADD ) -
000030 OWNER ( ADUSR01 ) -
000031 QUALIFIER ( ADUSR01 ) -
000032 VALIDATE ( RUN ) -
000033 EXPLAIN ( YES ) -
000034 ISOLATION ( CS ) -
000035 RELEASE ( DEALLOCATE ) -
000036 APREUSE ( NO ) -
000037 APCOMPARE ( NONE ) -
000038 APCOMPARE ( NONE ) -
000039 BUSTIMESENSITIVE ( YES ) -
000040 SYSTIMESENSITIVE ( YES ) -
000041 ARCHIVESENSITIVE ( YES ) -
000042 APPLCOMPAT ( V11R1 ) -
000043 //EDBTMPLT DD *
000044 BIND
000045 SERVICE ( B?????2 )
000046 NAME ( * )
000047 ACTION ( * )
000048 OWNER ( OWNERID )
000049 QUALIFIER ( * )
000050 VALIDATE ( * ) -
000051 EXPLAIN ( * ) -
000052 ISOLATION ( * ) -
000053 RELEASE ( * ) -
```

Sample BIND SERVICE statement

Endevor for Db2: BIND SERVICE statement

File

Edit

Edit_Settings

Menu

Utilities

Compilers

Test

Help

EDIT

EDB2SERV.JOB48176.JCL

Columns 00001 00072

Command ==>

Scroll ==> CSR

000043

//EDBTMPLT DD *

000044

BIND

(B?????2)

000045

SERVICE

(*)

000046

NAME

(*)

000047

ACTION

(*)

000048

OWNER

(OWNERID)

000049

QUALIFIER

(*)

000050

VALIDATE

(*)

—

000051

EXPLAIN

(*)

—

000052

ISOLATION

(*)

—

000053

RELEASE

(*)

—

000054

APREUSE

(*)

—

000055

APCOMPARE

(*)

—

000056

APCOMPARE

(*)

—

000057

BUSTIMESENSITIVE

(*)

—

000058

SYSTIMESENSITIVE

(*)

—

000059

ARCHIVESENSITIVE

(*)

—

000060

APPLCOMPAT

(*)

000061

;

***** Bottom of Data *****

Trying to mask BIND SERVICE statement – for SERVICE and OWNER

Connected to usilca31.lvn.broadcom.net port 23

4/15

16:37:07 IBM-3278-3-E - A31XX024

Endevor for Db2: BIND SERVICE statement

```
SYSVIEW 16.0 CA31 ----- OUTPUT, Job Output ----- 07/06/20 17:37:56
Command =====> Scroll *====> CSR
-----
JobName  Jobid  Queue  DDName  StepName  ProcStep  ExecSys
EDB2SERV JOB48176 OUTPUT  DDLFILE  STEP1@    CA31
-----
...+...10...+...20...+...30...+...40...+...50...+...60...+...70.|.+...
DSN SYSTEM(D11A)
BIND SERVICE (BDUSR02)
NAME (SRINI33)
OWNER (OWNERID)
QUALIFIER (ADUSR01)
ACTION (ADD)
VALIDATE (RUN)
ISOLATION (CS)
RELEASE (DEALLOCATE)
EXPLAIN (YES)
APCOMPARE (NONE)
APREUSE (NO)
APPLCOMPAT (V11R1)
ARCHIVESENSITIVE (YES)
BUSTIMESENSITIVE (YES)
SYSTIMESENSITIVE (YES)
;
***** End of Data *****
-----
1=HELP 2=SPLIT 3=RETURN 5=FIND 7=UP 8=DOWN 9=SWAP 10=LEFT 11=RIGHT 12=RECALL
```

Output of Sample BIND SERVICE statement –
Observe **SERVICE** and **OWNER** parms

Endevor for Db2: BIND SERVICE statement

```
SYSVIEW 16.0 CA31 ----- OUTPUT, Job Output ----- 07/06/20 17:39:46
Command ==>
----- Lvl 4 Row 18-33/33 Col 1-80/81
JobName Jobid Queue DDName StepName ProcStep ExecSys
EDB2SERV JOB48351 OUTPUT EDBOUT STEP1@ CA31
-----
...+...10...+...20...+...30...+...40...+...50...+...60...+...70...+...
EDB0119I ARCHIVESENSITIVE ( YES ) -
EDB0119I SAMPLEERROR ( YES ) -
EDB0119I APPLCOMPAT ( V11R1 ) -
EDB0122I ---+---1---+---2---+---3---+---4---+---5---+---6---+---7---
EDB0114I Control record processing complete
EDB0116E Unrecognized keyword encountered:
EDB0120I SAMPLEERROR
EDB0116E Unrecognized keyword encountered:
EDB0120I ( YES )
EDB0301I Connecting to DB2 subsystem D11A
EDB0301I Connected to DB2 subsystem D11A
EDB0302I Connection complete for DB2 subsystem D11A
EDB0020I Batch EDB2 Function complete, rc=00
EDB0021W Function bypassed due to syntax error
EDB0303I Disconnect complete from subsystem D11A
EDB0002I Batch EDB2 interface terminating, maxrc=16
***** End of Data *****

-----
1=HELP 2=SPLIT 3=RETURN 5=FIND 7=UP 8=DOWN 9=SWAP 10=LEFT 11=RIGHT 12=RECALL

-----
Connected to usilca31.lvn.broadcom.net port 23 8/42 CAPS 16:39:51 IBM-3278-3-E - A31XX024
```

Sample Error while providing
SAMPLEERROR as a parm to
BIND SERVICE statement

MTC DBM: Access Admin and Performance from single URL

- Ability to
 - Access Admin and Performance using single URL
 - Control ROW count
 - Saving Table configuration (for Performance)
 - Filters (global level and column level)
 - Row cache

MTC DBM: Access Admin and Performance from single URL

The screenshot displays the Mainframe Team Center (MTC) DBM interface. The top header bar is blue and contains the Broadcom logo, the text "Mainframe Team Center Database Management for Db2 for z/OS", a help icon, and a user profile icon labeled "adusr01". Below the header, there are two tabs: "Administration" and "Performance". The main content area is divided into three panels:

- Select Db2 subsystem:** Contains two dropdown menus for "SSID" and "Environment", both with the placeholder text "Select or start typing". Below these is a toggle switch for "Use Group Name" set to "OFF".
- Select performance category:** Contains a dropdown menu for "Category" with the placeholder text "Select or start typing".
- Specify interval range:** Contains two radio buttons for "Current Interval" (selected) and "Historical Interval". Below these are two date/time selection boxes: "Begin Date/Time" (labeled "Interval Begin") and "End Date/Time" (labeled "Current Date/Time"). To the right of these boxes is a "View Range" button and an "Auto Collapse" checkbox.

A blue callout box in the center of the interface reads: "Just after Login – observe Administration and Performance".

MTC DBM: Access Admin and Performance from single URL

ca technologies

Mainframe Team Center

Database Management for Db2 for z/OS

?

adusr01

Administration

Performance

Select Db2 subsystem

SSID
D11A

Environment
QA@CA31.LVN.BROADCOM.NET:8800

Use Group Name OFF

Select object type

Common Db2All Db2CA Admin

SGDBTS**TB**IXVW

SVALTGTGUFPRSQ

Specify filtering criteria

Object Name
*

Object Creator/Schema
*

List Objects

Auto Collapse

TB LIST (D11A)

Actions

Active Filters: None

	NAME	CREATOR	DBNAME	TSNAME	TYPE	COLCOUNT	CARDF	DBID	OBID	CLUSTERTYPE	EDPROC	VALPROC	PCTPAGES	PARENTS	CHILDREN	KEYCOLUMNS
<input type="checkbox"/>			DSN05253	M	T	1	-1.0E0	6928	6				-1	0	0	0
<input type="checkbox"/>	TABLE TC NG TC O G A E ...	PATLO0 V ...	DSN01890	MMMMTABL	T	10	6.0E0	3551	3				2	0	0	0
<input type="checkbox"/>	TABLE TC NG TC O G A E ...	QARCQ0 ...	DSN01887	MMMMTABL	T	10	-1.0E0	3548	3				-1	0	0	0
<input type="checkbox"/>	--	QARCU	DSN05259	MEEMMM	T	2	-1.0E0	6934	3				-1	0	0	0
<input type="checkbox"/>	R1C1_1	VEEPO01	DSN01407	MR1C1R1M	T	2	-1.0E0	3041	3				-1	0	0	1
<input type="checkbox"/>	R1C1_2	VEEPO01	DSN02204	MR1C1R2M	T	2	-1.0E0	3880	3				-1	0	0	1
<input type="checkbox"/>	table	QACR	QADBMQT	QATSMQT	T	1	1.0E1	13879	9				25	0	0	0
<input type="checkbox"/>	#####00003ALONEDB1	CADB2ID	ALONEDB1	CADB2TS	T	1	-1.0E0	11703	3				-1	0	0	0

Sample TB report in Admin

MTC DBM: Access Admin and Performance from single URL

The screenshot displays the Mainframe Team Center (MTC) Database Management for Db2 for z/OS interface. The top navigation bar includes the CA Technologies logo, the product name, a help icon, a user profile (adusr01), and tabs for 'Administration' and 'Performance'. The main content area is divided into three sections: 'Select Db2 subsystem' (SSID: D11A, Environment: QA@CA31.LVN.BROADCOM.NET:8800), 'Select object type' (Common Db2, All Db2, CA Admin), and 'Specify filtering criteria' (Object Name, Object Creator/Schema). A blue callout box labeled 'Options of Settings button - Admin' points to the 'Settings' icon in the top right of the table view. The table view shows a list of tables with columns: NAME, CREATOR, DBNAME, TSNAME, TYPE, COLCOUNT, CARDF, DBID, OBID, CLUSTERTYPE, EDPROC, VALPROC, PCTPAGES, PARENTS, and CHILDREN. The table is titled 'TB LIST (D11A)' and has an 'Actions' button. A settings menu is open, showing options: 'Disable row caching', 'Show 100 Rows', and a row count selector (100, 500, 2500, ALL).

Options of Settings button - Admin

NAME	CREATOR	DBNAME	TSNAME	TYPE	COLCOUNT	CARDF	DBID	OBID	CLUSTERTYPE	EDPROC	VALPROC	PCTPAGES	PARENTS	CHILDREN
TABLE TC NG TC O G A E ...	PATLO0 V ...	DSN01890	MMMMTABL	T	10	6.0E0	3551	3				2	0	0
TABLE TC NG TC O G A E ...	QARCO0 ...	DSN01887	MMMMTABL	T	10	-1.0E0	3548	3				-1	0	0
--	QARCU	DSN05259	MEEMMM	T	2	-1.0E0	6934	3				-1	0	0
R1C1_1	VEEPO01	DSN01407	MR1C1R1M	T	2	-1.0E0	3041	3				-1	0	1
R1C1_2	VEEPO01	DSN02204	MR1C1R2M	T	2	-1.0E0	3880	3				-1	0	1
table	QACR	QADBMQT	QATSMQT	T	1	1.0E1	13879	9				25	0	0
#####00003ALONEDB1	CADB2ID	ALONEDB1	CADB2TS	T	1	-1.0E0	11703	3				-1	0	0

MTC DBM: Access Admin and Performance from single URL

ca technologies

Mainframe Team Center

Database Management for Db2 for z/OS

?

adusr01

Administration

Performance

Subsystem: D11A

Environment: QA@CA31.LVN.BROAD...

Performance category: PLANS

Interval Range:

Begin: Interval Begin

End: Current Date/Time

TB LIST (D11A) x

PLANS (D11A) x

Actions

Totals

Average

PLANNAME	TIMEPCT	CPUPCT	INDB2_TIME	INDB2_CPU	SQL	GETPAGE	SYNCREAD	SPFETCH	DYNPFETCH	PFPAGES	PAG
<input type="checkbox"/> FL2AQ200	40.31	96.64	00:03.381613	00:02.959352	141,914	53,331	120	407	192	8,658	
<input type="checkbox"/> DISTSERV	0.76	1.12	00:00.064148	00:00.034459	451	488	0	0	0	0	
<input type="checkbox"/> DSNESPCS	13.12	0.89	00:01.101149	00:00.027367	40	1,559	141	0	34	63	278
<input type="checkbox"/> RQPAP200	0.64	0.50	00:00.054093	00:00.015477	575	678	11	11	39	324	0
<input type="checkbox"/> RCUUP200	44.93	0.47	00:03.769033	00:00.014619	134	1,153	45	0	30	1	2
<input type="checkbox"/> PDTAP190	0.08	0.20	00:00.006839	00:00.006182	234	303	0	0	0	0	98
<input type="checkbox"/> ENNAD200	0.10	0.09	00:00.008916	00:00.002950	48	48	3	0	0	2	0
<input type="checkbox"/> RBPAQ200	0.02	0.05	00:00.001763	00:00.001719	8	44	0	0	0	0	0

Active Filters: None

Save table configuration

Reset table configuration to default

Disable row caching

Show 10000 Rows

8 rows shown

Options of Settings button - Performance

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