Installation System
Version 2.4.10
May 6, 2015
Tracking number QM001878455: During the installation of RECOVERY MANAGER, the generated $740INST job fails with a -204

BMC is alerting users to a problem in the BMC Installation System.

Issue

During installation, the generated $740INST job fails when the following conditions exist:

- You are upgrading from RECOVERY MANAGER 10.1 or 11.1 to 11.2.
- You select to reuse tables.

The failure generates the following -204 error:

PXRARM.BMCRMD_RECOVERY_EXCEPTIONS IS AN UNDEFINED NAME

Normally, job $740INST creates the synonym BMCARM_RECOVERY_EXCEPTIONS. Due to the job’s failure, the Installation System cannot create the BMCARM table.

Note

If you are upgrading from RECOVERY MANAGER 10.1 to 11.2, the Installation System also does not perform alters to the 10.1 version of the tables. RECOVERY MANAGER issues messages BMC80450E and BMC80799E.

Resolution

To create the BMCARM table and its associated objects, run the following job:

Create new tablespace, table, indexes for RECOVERY MANAGER V11.2.00

ARMINT1
CREATE REPOSITORY TABLESPACE FOR NEW INSTALL OF ARM V1120

```sql
CREATE TABLESPACE BMCRECEX
  IN BMCARM
  USING STOGROUP SYSDEFLT
  PRIQTY 10
  SECQTY 100
  BUFFERPOOL BP0
  CLOSE NO
  DEFINE NO;
COMMIT;
```

CREATE REPOSITORY TABLE FOR NEW INSTALL OF ARM V1120

```sql
CREATE TABLE BMCARM.BMCRMD_RECOVERY_EXCEPTIONS
  (RUN_TIME TIMESTAMP NOT NULL,
   OSNAME VARCHAR(27) NOT NULL,
   RECOVERY_POINT VARCHAR(60) NOT NULL,
   LOGMARK_NAME VARCHAR(40),
   REC_POINT_VERSION CHAR(8),
   BACKOUT CHAR(4) NOT NULL,
   EXCEPTION_TITLE VARCHAR(70) NOT NULL,
   OBJ_TYPE CHAR(1),
   OBJ_QUAL1 VARCHAR(128),
   OBJ_QUAL2 VARCHAR(128),
   INSTANCE CHAR(1),
   PARTITION CHAR(4),
   RESOURCE VARCHAR(80),
   DSNUM CHAR(4),
   DATE CHAR(8),
   TIME CHAR(8),
   VOLSER CHAR(6),
   DSNNAME VARCHAR(44))
  IN BMCARM.BMCRECEX;
COMMIT;
```

CREATE REPOSITORY INDEX FOR NEW INSTALL OF ARM V1120

```sql
CREATE INDEX BMCARM.RECEX
  ON BMCARM.BMCRMD_RECOVERY_EXCEPTIONS
  (OSNAME, RECOVERY_POINT)
  USING STOGROUP SYSDEFLT
  PRIQTY 10
  SECQTY 100
  CLOSE NO
  DEFINE NO;
COMMIT;
```

CREATE REPOSITORY TABLE NEW SYNONYM FOR ARM V1120

```sql
SET CURRENT SQLID = 'BMCARM';
```

CREATE REPOSITORY TABLE NEW SYNONYM FOR ARM V1120

```sql
```
CREATE SYNONYM BMCARM_RECOVERY_EXCEPTIONS
FOR BMCARM.BMCRMD_RECOVERY_EXCEPTIONS;
COMMIT;

If you are upgrading from RECOVERY MANAGER 10.1 to 11.2, run the following job to alter the tables:

- ALTER BMCARM.ARM_CRRDRPT FOR V11
  - SQL 005210 ALTER TABLE BMCARM.ARM_CRRDRPT
    ALTER COLUMN RBA SET DATA TYPE VARCHAR(10)
  - SQL 005220 ALTER TABLE BMCARM.ARM_CRRDRPT
    ALTER COLUMN LRSN SET DATA TYPE VARCHAR(10)

- ALTER BMCARM.BMCRMD_UTIL_RUN FOR V11
  - SQL 005230 ALTER TABLE BMCARM.BMCRMD_UTIL_RUN
    ALTER COLUMN TOLOGPOINT SET DATA TYPE VARCHAR(10)

- ALTER BMCARM.BMCRMD_IX_PART FOR V11
  - SQL 005240 ALTER TABLE BMCARM.BMCRMD_IX_PART
    ALTER COLUMN OV_LOGRNG_START SET DATA TYPE VARCHAR(10)
  - SQL 005250 ALTER TABLE BMCARM.BMCRMD_IX_PART
    ALTER COLUMN OV_LOGRNG_END SET DATA TYPE VARCHAR(10)

- ALTER BMCARM.BMCRMD_TS_PART FOR V11
  - SQL 005260 ALTER TABLE BMCARM.BMCRMD_TS_PART
    ALTER COLUMN OV_LOGRNG_START SET DATA TYPE VARCHAR(10)
  - SQL 005270 ALTER TABLE BMCARM.BMCRMD_TS_PART
    ALTER COLUMN OV_LOGRNG_END SET DATA TYPE VARCHAR(10)

Note

If you have questions, contact Customer Support at 1 800 537 1813 (United States or Canada) or call your local support center.

Where to get the latest product information
To view the latest BMC documents, see the Support Central website at http://www.bmc.com/support.

Notices such as flashes, technical bulletins, and release notes are available on the website. You can subscribe to proactive alerts to receive e-mail messages when notices are issued or updated. For more information about proactive alerts, see the Support Central website.