

8. Rows without business key

If there is a need to maintain an “unknown” business key in a hub, then a zero key hashkey can be inserted into the hub after creating the hub.

Example: deliveryService hub without BK

Column Name	Display Name	Data Type	Source Table	Source Column	Format	Nulls	Nu...	Add...	Attr...	EUL
hk_h_deliveryservice	hk_h_deliveryse...	char(32)	stage_deliveryservi...	hk_h_deliveryservice		N	N	N	Y	
lieferdienstid	lieferdienstid	varchar(30)	stage_deliveryservi...	lieferdienstid		Y	N	N	Y	
dss_record_source	dss record sour...	varchar(255)	stage_deliveryservi...	dss_record_source		Y	N	N	Y	
dss_load_date	dss load date	timestamp	stage_deliveryservi...	dss_load_date		Y	N	N	Y	
dss_create_time	dss create time	timestamp		dss_create_time		Y	N	N	Y	

-- Example: Generate the hash key for the business key "UNKNOWN"

SELECT

```
CONVERT(binary(16),HASHBYTES('MD5',
ISNULL(RTRIM(CONVERT(NVARCHAR(100),NULL)), 'UNKNOWN')+ '|' ),2)
```

Generated hash key: 0xD7F91BEB665F968B127DE83FB3777C0B

- or -

SELECT

```
CONVERT(CHAR(32),HASHBYTES('MD5',
ISNULL(RTRIM(CONVERT(NVARCHAR(100),NULL)), 'UNKNOWN')+ '|' ),2)
```

Generated hash key: D7F91BEB665F968B127DE83FB3777C0B

Insert the zero key record as a union or direct insert:

Run All Queries | Saved 54 seconds ago SULTANSHIFFA... DEMO_WH (XS) DEMO_DB PUBLIC

```

1 Use WAREHOUSE DEMO_WH;
2 use database DEMO_DB;
3
4 INSERT INTO "DEMO_DB"."DDVG_DATA_VAULT"."H_DELIVERYSERVICE"(hk_h_deliveryservice, lieferdienstid, dss_record_source, dss_load_date, dss_create_time)
5 VALUES ('D7F91BE8665F968B127DE83FB377C8B', 'UNKNOWN', 'SYSTEM', CAST(CURRENT_TIMESTAMP AS TIMESTAMP),CAST(CURRENT_TIMESTAMP AS TIMESTAMP));

```

Results **Data Preview** Open History

Table: DEMO_DB.DDVG_DATA_VAULT.H_DELIVERYSERVICE Data Details

Filter result...

Row	HK_H_DELIVERYSERVICE	LIEFERDIENSTID	DSS_RECORD_SOURCE	DSS_LOAD_DATE	DSS_CREATE_TIME
69	2838023a778dfaecd3212708f721b...	51	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
70	3295c76acbf4caaed33c36b1b5fc2...	66	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
71	1679091c5a880faf6fb5e6087eb1b2...	6	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
72	4e732ced3463d06de0ca9a15b615...	26	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
73	3416a75f4cea9109507cadc8e2f2a...	41	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
74	a684ecee76fc522773286a895bc...	54	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
75	33e75ff09dd601bbe69f351039152...	28	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
76	6ea9ab1baa0efb9e19094440c317e...	29	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
77	28dd2c7955ce926456240b2ff010...	77	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
78	37693cfc748049e45d87b8c7d8b9...	23	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
79	67c8a1e7ce56d3d6fa748ab6d9af3f...	47	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
80	a5bfc9e07964f8dddeb95fc584cd9...	37	Willibald Webshop.dbo.LieferDienst	2023-05-16 14:20:22.006	2023-05-16 14:22:13.607
81	D7F91BE8665F968B127DE83FB37...	UNKNOWN	SYSTEM	2023-06-04 07:17:33.302	2023-06-04 07:17:33.302