

DPD-52456/52217

NEED TO KNOW:

1. Difference between Internal, CASHEDGE and MX
2. What is an MX account, Why does it have different syncStats?
3. What is the requirement for Manage accounts, Card controls and Balance as of.
4. More information about statuses.
5. Clarity on contradiction between title and *Please note that this change of logic is ONLY for **FIS Card Suite adapter**.
6. **LINK BETWEEN SYNCTIME AND LASTSYNCTIME?(Don't see in mapping)**

Additional Information:

Q. What is service_aggregation(Sync time in 'getlatestSyncOperation:' service_Core_live and service_Aggregation)

Task Info:

For CASHEDGE accounts:

- syncTime comes directly from syncOperation.getCreatedTimestamp()
- balanceTimestamp is also syncOperation.getCreatedTimestamp()

For INTERNAL accounts:

- syncTime comes from syncOperation.getCreatedTimestamp()
- balanceTimestamp comes from the BALANCE_DATE attribute if available, otherwise it remains null
- This is due to the special handling in the code for INTERNAL accounts

4. Summary Table

Condition	balanceTimestamp Source
Not INTERNAL	syncOperation.getCreatedTimestamp()
INTERNAL, userAccountSyncStatus == null	N/A (status = UPDATE_REQUIRED, balanceTimestamp unused)
INTERNAL, userAccountSyncStatus == ACTIVE	syncOperation.getCreatedTimestamp()
INTERNAL, userAccountSyncStatus != ACTIVE/null (this else block)	<code>BALANCE_DATE</code> attribute (if present), else null

For MX accounts:

1. syncTime:

- Comes from the ACCOUNT_LAST_SUCCESSFUL_UPDATE attribute
- Will be null if attribute doesn't exist or cannot be parsed

2. balanceTimestamp:

- Not explicitly set for MX accounts in the code
- Not used in the MX flow

3. balanceAsOfDate:

- Derived from syncTime via the getBalanceAsOfDate() method

Card Controls:

```
cardDetail.setBalanceDate(LocalDateTime.ofInstant(coreUserAccountDto.getAccount().getLastSyncTime(), Zoned.systemDefault()));
```