Select email accounts whose exp date is before currentDate-(timeInDelState+deleteNotifyPeriod)

Next account

After exp date?

T

In deleted state?

F

Calculate delete state date

After delete state date?

T

Set deleted state flag

F

Send exp warning email

F

T

In deleted state?

Edge case. Caused by processing errors?

T

Delete account

Increase exp date by timeInDelState

F

Set deleted state flag

T

Set deleted state flag