

# Windows Updates (Batch 5A)

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Use Excel template attached.  
Template to be worked on. Not yet done.

## For secondary servers (Friday)

- Open Software Center and check if there are pending updates.
- Open Management Studio
- Connect to primary in Management Studio and confirm server is secondary
- Check that there are no jobs running
- Update or restart the servers:
  - If a message is shown that other users are connected, check with task manager if there are other active connections. If during working hours, contact active users before restarting.
- After restart, check if no further updates are needed and disconnect.

## For primary servers (Saturday)

- Open Software Center and check if there are pending updates.
- Open Management Studio
- Connect to primary in Management Studio
- Check that there are no jobs running
- Failover to secondary server
- Update or restart the primary server:
  - If a message is shown that other users are connected, check with task manager if there are other active connections. If during working hours, contact active users before restarting.
- After restart, check if no further updates are needed and disconnect.
- Failback to the previous primary
- Check special instructions for App servers in OneNote

## Notes

- ARS auto-installs updates, so probably the only remaining task is to restart

## Known issues

- If updates fail:
  - Retry
  - Restart and retry
  - Escalate following week
- If secondary server is **async**
  - Go to Availability Groups > Properties > Change Availability Mode to **Sync** on the secondary server

- After the failback, return to Async mode

The screenshot displays the configuration for an Availability Group named EBILL\_AG\_11. The cluster type is Windows Server Failover. The required synchronized secondaries to commit is set to 0. The following options are checked: Database level health detection, Per database DTC support, and Basic Availability Group. The Availability Databases section lists ASU\_DBA. The Availability Replicas table is as follows:

Server Instance	Role	Availability Mode	Failover Mode
EBILL-E-SQL-01	Primary	Synchronous commit	Manual
EBILL-G-SQL-01	Secondary	Asynchronous commit	Manual

The 'Availability Mode' dropdown for EBILL-G-SQL-01 is open, showing 'Asynchronous commit' selected. The 'Connection' section shows the server ebill-e-sql-01 and connection GLOBAL\adm.asanz1. The 'Progress' section shows the server is Ready.