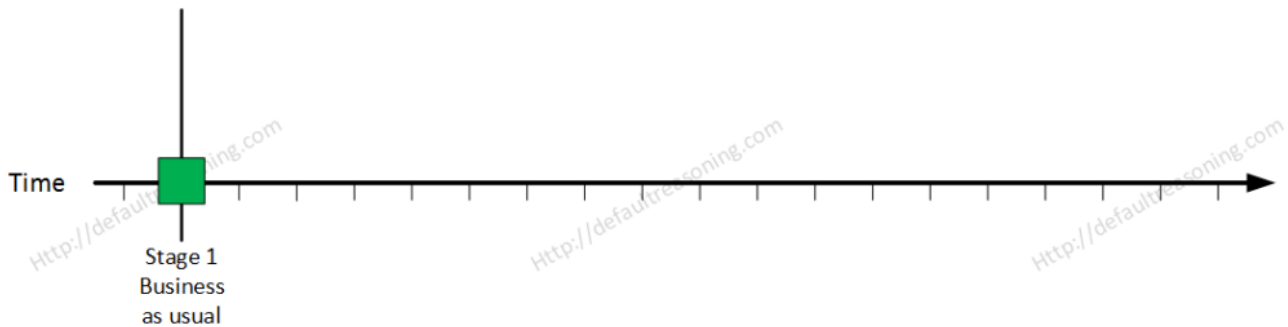


What is RTO, RPO, WRT, MTD ?

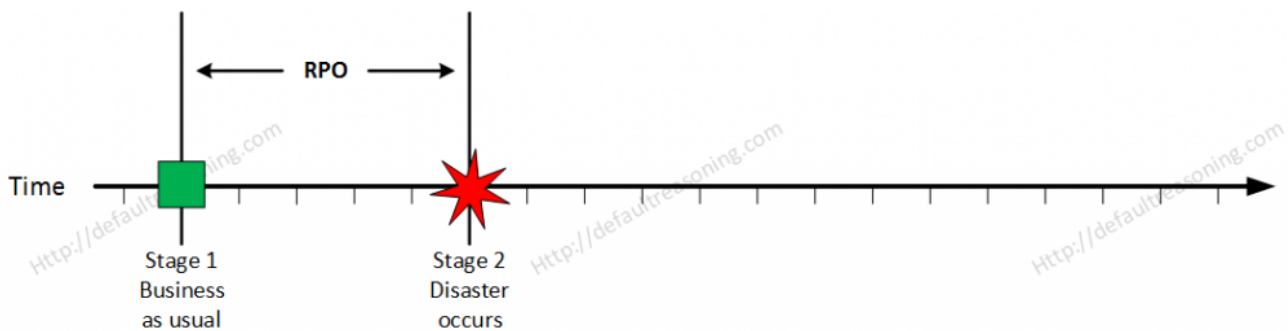
When it comes to Disaster Recovery & High Availability Techniques, these Acronyms are a must. So will discuss a bit in further.

1. Business as usual



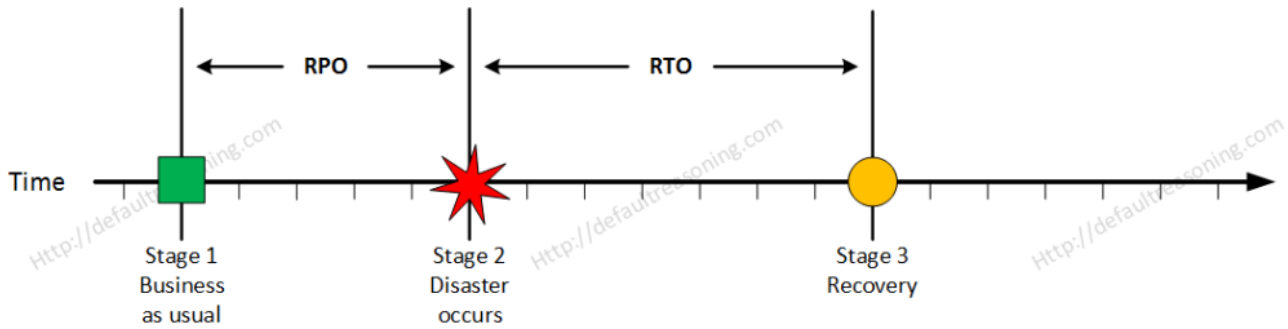
At this stage all systems are running production and working correctly.

2. Disaster occurs



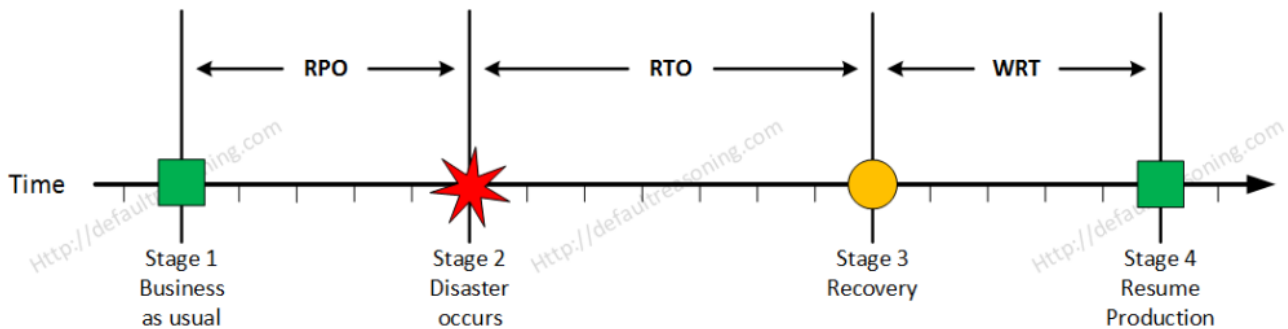
On a given point in time, disaster occurs and systems needs to be recovered. At this point the **Recovery Point Objective (RPO)** determines the maximum acceptable amount of data loss measured in time.

3. Recovery



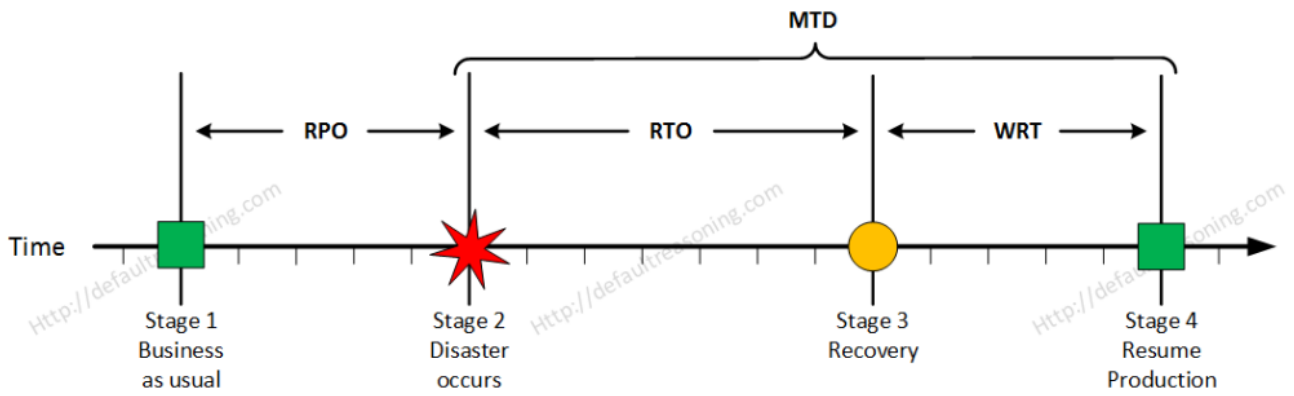
At this stage the system are recovered and back online but not ready for production yet. The **Recovery Time Objective (RTO)** determines the maximum tolerable amount of time needed to bring all critical systems back online.

4. Resume Production



At this stage all systems are recovered, integrity of the system or data is verified and all critical systems can resume normal operations. The **Work Recovery Time (WRT)** determines the maximum tolerable amount of time that is needed to verify the system and/or data integrity. This could be, for example, checking the databases and logs, making sure the applications or services are running and are available.

5. Resume Production – Scenario



The sum of RTO and WRT is defined as the **Maximum Tolerable Downtime (MTD)** which defines the total amount of time that a business process can be disrupted without causing any unacceptable consequences.