# Disaster Recovery in the CTBTO



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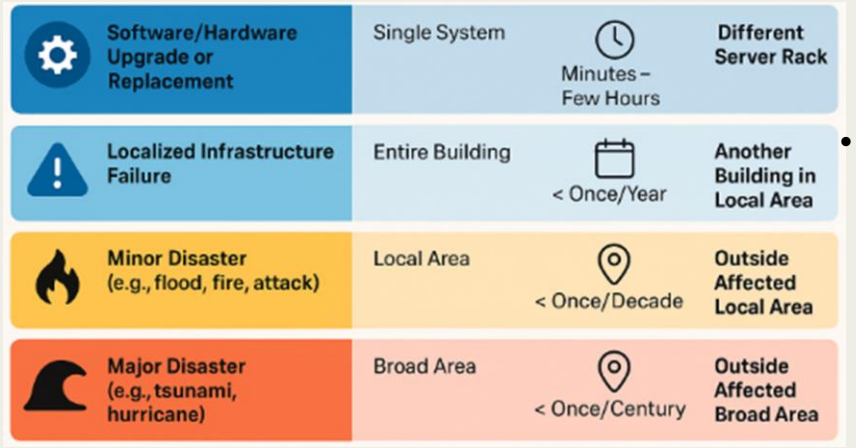

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|---|---|---|---|
| Software/Hardware Upgrade or Replacement | Single System | Minutes – Few Hours | Different Server Rack |
| Localized Infrastructure Failure | Entire Building | < Once/Year | Another Building in Local Area |
| Minor Disaster (e.g., flood, fire, attack) | Local Area | < Once/Decade | Outside Affected Local Area |
| Major Disaster (e.g., tsunami, hurricane) | Broad Area | < Once/Century | Outside Affected Broad Area |

- The poster presents an overview of the **IDC Disaster Recovery (DR) Pilot 2024**, highlighting results, technical achievements, and future plans. It reflects the CTBTO's commitment to **operational continuity**, **resilience**.
- The DR pilot was designed to ensure uninterrupted access to **IMS data and IDC products** in case of catastrophic outages. It involved **replicating data recording**, **redundant data collection**, and **forwarding to NDCs** from an alternative site (ALT) in Seibersdorf, Austria.
- The pilot was conducted using **existing resources**, with no impact on IMS operations. It engaged **20 NDCs**, tested connectivity to **24 IMS sites**, and successfully transferred **840 GB of data** over 95 days. Feedback from NDCs and operational challenges are guiding next steps.
- We warmly invite you to visit our poster, share your insights, and contribute to shaping the next phase of **IDC disaster recovery planning** and infrastructure readiness**.**

CTBTO PREPARATORY COMMISSION