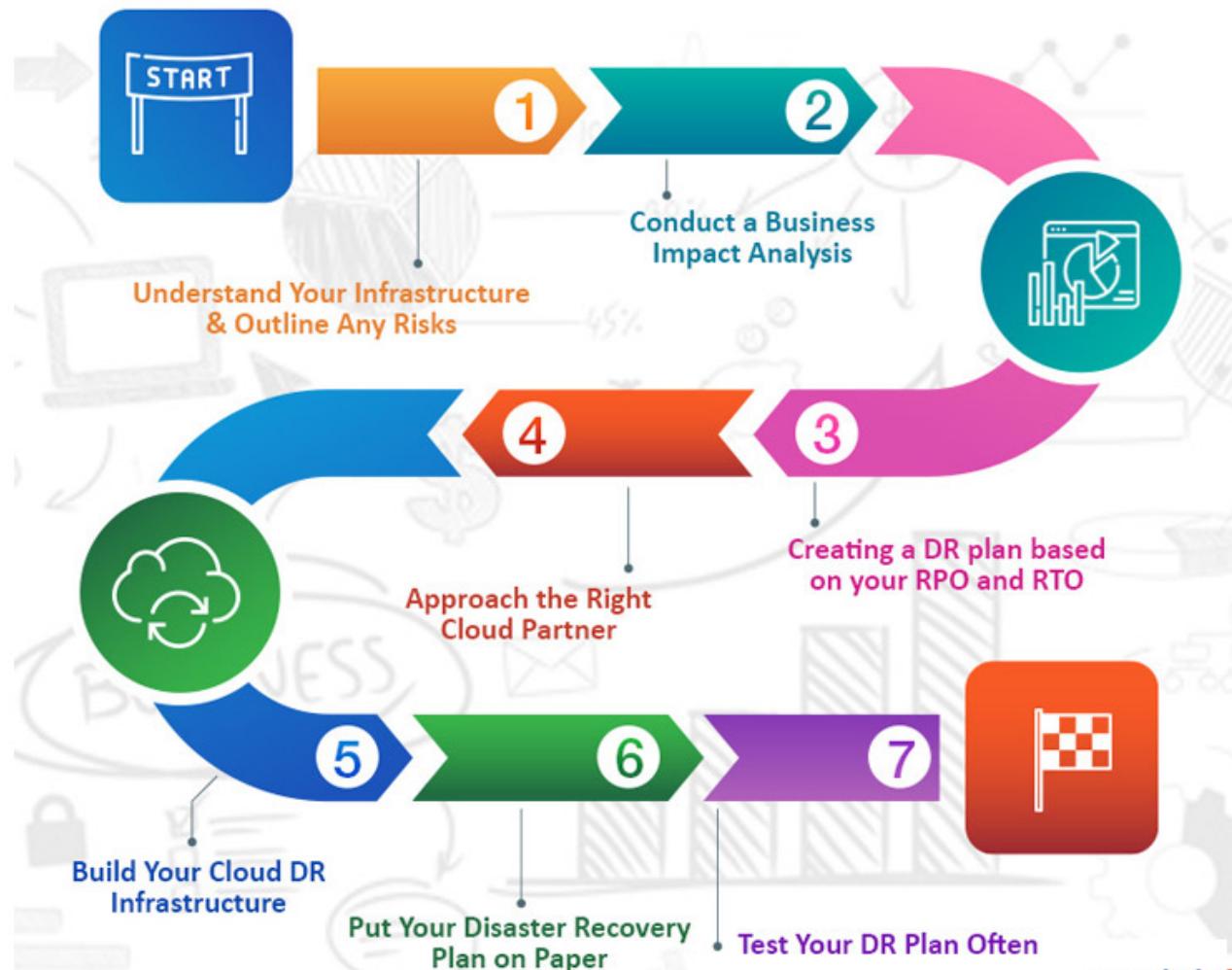


Disaster recovery with IBM could virutal servers

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Flow chart

Cloud Disaster Recovery Plan



- Here's a breakdown of the key steps and decision points in the flowchart for disaster management:
- **Disaster Detection:** The process begins with the detection of a disaster event, which can be triggered by various means, such as sensors, reports, or observations.
- **Activate Emergency Response:** Upon detection, the emergency response plan is activated to initiate the response efforts.
- **Assess the Situation:** An assessment of the disaster's impact and severity is conducted to determine the appropriate response.
- **Immediate Evacuation:** If there is an immediate threat requiring evacuation, evacuation procedures are initiated.
- **Activate Communication Plan:** Communication channels are established to relay information to relevant stakeholders and authorities.
- **Notify Relevant Authorities:** Notifications are sent to local authorities and agencies to coordinate resources and assistance.
- **Gather Resources and Personnel:** Necessary resources and personnel are mobilized for response and recovery efforts.
- **Establish Emergency Command Center:** A central command center is set up to coordinate response and communication.
- **Coordinate Response Efforts:** Different response teams and agencies work together to address immediate needs.
- **Provide Medical Assistance:** Medical teams provide emergency medical care and assistance to the injured.
- **Search and Rescue:** Teams are dispatched for search and rescue operations.
- **Provide Shelter and Food:** Temporary shelters and food distribution centers are established for affected individuals.
- **Assess Infrastructure Damage:** Evaluate the extent of damage to critical infrastructure.
- **Restoration:** If possible, begin the process of restoring critical infrastructure.
- **Provide Regular Updates:** Keep the public informed about the situation and response efforts.
- **Coordinate Recovery:** Transition from immediate response to long-term recovery planning.
- **Damage Assessment:** Conduct a comprehensive assessment of the damage caused by the disaster.
- **Provide Aid and Support:** Offer ongoing support and assistance to the affected population.
- **Long-Term Recovery Plans:** Develop and implement plans for long-term recovery and rebuilding.
- **Monitor and Evaluate:** Continuously assess the effectiveness of the response and recovery efforts.
- **Fully Managed:** Determine if the disaster is fully managed and recovery is complete.
- **Termination:** If the disaster is fully managed, terminate the disaster management process.
- **End** The process concludes.

Program

```
□  <!DOCTYPE html>
□  <html>
□  <head>
□    <title>Cloud Computing & Disaster Recovery Dashboard</title>
□    <style>
□      body {
□        font-family: Arial, sans-serif;
□        margin: 20px;
□      }
□      h1 {
□        color: #333;
□      }
□      .status {
□        background-color: #f2f2f2;
□        padding: 10px;
□        border: 1px solid #ccc;
□        border-radius: 5px;
□      }
□      .success {
□        color: green;
□      }
□      .warning {
□        color: orange;
□      }
□      .error {
□        color: red;
□      }
□    </style>
```

```
□ </head>
□ <body>
□   <h1>Cloud Computing & Disaster Recovery Dashboard</h1>
□
□   <div class="status">
□     <h2>Cloud Resources Status</h2>
□     <p><strong>Virtual Machines:</strong> <span class="success">Online</span></p>
□     <p><strong>Storage:</strong> <span class="success">Available</span></p>
□     <p><strong>Network:</strong> <span class="warning">Intermittent issues</span></p>
□   </div>
□
□   <div class="status">
□     <h2>Disaster Recovery Status</h2>
□     <p><strong>Backup Strategy:</strong> <span class="success">Active</span></p>
□     <p><strong>Replication:</strong> <span class="success">Up-to-date</span></p>
□     <p><strong>Recovery Tests:</strong> <span class="success">Successful</span></p>
□   </div>
□ </body>
□ </html>
```

output:

The screenshot shows a web browser window titled "Cloud Computing & Disaster Recovery". The main content area displays two sections: "Cloud Resources Status" and "Disaster Recovery Status".

Cloud Resources Status

- Virtual Machines: Online
- Storage: Available
- Network: Intermittent issues

Disaster Recovery Status

- Backup Strategy: Active
- Replication: Up-to-date
- Recovery Tests: Successful

