Title: Disaster Recovery With IBM Cloud Virtual Server

Project Objective:

Today's enterprises cannot afford planned or unplanned system outages. Even a few minutesof application downtime can result in considerable financial losses, eroded customer confidence, damage to brand image, and public relations problems. To better control and manage their IT infrastructure, enterprises have concentrated their IT operations into large (and on-demand) data centers. These data centers must be resilient (and flexible) enough to handle the ups and downs of the global market. They also must manage changes and threats with consistent availability, security, and privacy, both around the clock and the world. Most of the solutions are based on an integration of operating system(OS) clustering software, storage, and networking. How a system, server, or environment handles failures is characterized as its *RAS*. In today'sworld of e-business, the RAS of an OS and the hardware on which it runs have assumed great importance.

Design Thinking:

- A Hybrid cloud application is a mix of on-premises, private or public cloud platforms with orchestration between these distributed platforms and workloads to perform as a single business service.

- The hybrid cloud applications that are built on IBM Power servers are known for their high performance.

- All HADR solutions must be methodically tests regularly. It is better to find a problem during planned testing.