What makes Nuabee a Disaster Recovery solution?

Cyber-Resilience by Nuabee · https://nuabee.com/documents/what-makes-nuabee-a-disaster-recovery-solution/

Purpose of a Disaster Recovery Plan

The aim of a Disaster Recovery Plan is to enable the resumption of part of the Information System after a disaster or critical incident.

- It brings together technical, organizational and security measures to rapidly restart servers, restore replicated data and relaunch applications.

The DRP therefore focuses on the recovery of the Information System after a disaster, while the **Business Continuity Plan** aims to maintain activity during the disaster itself.

The difference between Business Continuity Planning (BCP) and Disaster Recovery Planning (DRP)

Although this difference may not necessarily appear in articles on business continuity, there is a notable difference between the two terminologies, DRP and DRP.

Indeed, it has become rather easy to restart servers in a backup environment, even more so when the source infrastructure is identical (or close) to the backup infrastructure, e.g. same hypervisor technology: VSphere, VMware Cloud Director, ...

Nuabee's choice from the outset was to be source hypervisor agnostic (be it an *On premise* hypervisor managed by the customer or a Cloud hypervisor managed by the Cloud provider) and to be able to transform a Windows or Linux server so that it could restart in an OpenStack Cloud.

But simply restarting a set of servers in a backup infrastructure is called a Disaster Recovery Plan.

A Disaster Recovery Plan must also integrate the recovery of networks and security architectures in the event of a disaster or cyber-attack.

In short, a Disaster Recovery Plan = IT Disaster Recovery Plan + Network Disaster Recovery Plan + Security Plan.

Reconnecting users

On the network side, Nuabee has developed several solutions to enable remote sites or users to be reconnected:

- An appliance called Nuabee Cloud Access (NCA) offers an Internet-based connection solution between a Customer's fallback site(s) and servers restarted in the cloud when a DRP is activatedIt
  - also enables regular DRP tests to be carried out, allowing the Customer to remotely test the provision of the DRP service.

- A solution that enables mobile users to be reconnected outside of licensed
  - solutionsAs proprietary solutions are constrained by their licensing in a Cloud model, Nuabee can offer an integrated solution based on FOSS technologies.

Site and user reconnection testing

The network reconnection test is included in Nuabee's DRP offer. It consists of verifying the switchover of the customer's production network in the event of a disaster recovery plan being activated and, depending on the scope of the project, testing mobile reconnection mechanisms (SSL VPN, etc.).