Disaster Recovery and Business continuity plan

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 Disaster recovery plans are very important in connection with the business continuity plan. They should describe the process, policies, and procedures for responding to a disaster. Recovery strategies are very important and should be developed for the databases and telecommunication. The most important information about the companies is found in a database. Database backup is essential for preventing data losses and recovering the data. So the disaster recovery plan must include how to backup data and prevent (Fallara, 2003).

 To create a disaster recovery and business plan first organization will identify the business critical operations associated with the database and telecommunication. It is important for an organization to determine the alternatives that can be used if an error occurs in a database and telecommunication. The organization has to document the details that are required for operating database and telecommunication equipment. They will place storage devices & servers to another building so that if an incident occurs, it won't affect the database of the company. The organization will list the diagnostic tools which are required to monitor systems of the organization (Sahebjamnia et al., 2015).

The organization will identify the potential incidents that might affect their operations. Alternative servers will be implemented in the organization so that if a server goes down, employees can shift to other server and continue their work. The company will create a plan which includes a strategy to ensure all critical information is backed up regularly. Every organization has a huge amount of data every day and that data changes throughout the day. There might be chances that data can be lost, so backup must be created to ensure that no data is lost and can be recovered quickly.

 The organization needs to create an alternative building in another area for each state which can be utilized for employees when a disaster occurs so that employees can continue their work. An IT team will be established that can operate the database and ensure that backup is regularly performed. The organization will make policies for the employees that can ensure that only authorized persons can access the database servers. They will make sure that each department is working according to their policies. Employees will not be allowed to enter the server room. Only the IT team will be allowed to enter the server room (Wallace & Webber, 2017).

 This is a multi-state company, so they have three different sites in three different companies. The company must create a plan for data backup and recovery so that data should be backed up as frequently as necessary to make sure that if data are lost, it can be recovered easily. It is very important to analyze the impact of data loss so that the organization can take measures on how they can secure their data. The company should create one more data center so that each site have its own data center and if any data center stops working due to any incident or bug it won’t affect more then one site.

Database security is also very important so that only authorized persons can access the data. Each employees data must be accessible to just them so that any other person cannot make changes to their data. Software must be installed for the employees on their PCs so that they can create their own backup daily and save that in storage devices. It is also important for the organization to hold the PCs of employees to the same standard as their other assets. Such measures help in continuing the business without having effect of disaster.

**References**

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