Exteremly Simple Rackmount Servers Yet Very Satisfying by DJ Willis

Article published on April 5th 2012 | Computer

One of the primary advantages of utilizing a rack server is it takes a lot less physical space than a server that is not optimized for a rack. A server that isn't intended to go in a rack will often be in a tower format with a lot of wasted space within the system. Today, space in the data center can be very expensive. That's the reason it is unwise to use non-rack systems in the data center.

This means it's possible to have over 6 feet worth of servers stacked upon each other. The design of the servers allow this to occur without any heating and cooling issues. Overall, this is actually the best practice to populate an information center with servers since this design tries to minimize the amount of space used.

Another big advantage of the rack server is they are easy and quick to set up and remove. It will take no more that Just a few seconds to attach or remove a server from the rails. Simply eliminate the power and then any other cables from the back of the server. Then go to the front of the server and pull the rack all the way out. At this time, it ought to be simple to remove the server from the rails.

It is also simple to place the server back on the rails too. Simply follow the directions in the owner's guide to reattach the server to the rails. This might be the most difficult part of the entire procedure. However, once a person has done this a number of times, it ought to be no issue to get this done repeatedly

When utilizing a tower server, it is necessary to remove the cover to be able to add and remove cards or memory. In many cases, it's important to remove screws, save them, and then put the screws back on. It can take quite a bit of time to do hardware server maintenance. That is not the case using the rack server.

With a server that is racked, it is very easy to reconfigure. Simply unplug all the cables and then pull the rails forward so that the server is in the aisle. There is no need to remove the server from the rails. Simply remove the top cover and then carry out the maintenance. There is no need to remove the server from the rails under most circumstances.

One of many safety concerns when having a bunch of servers is the computers will topple over in an earthquake. This is also true with systems that are not rack mounted. It will be necessary to attach earthquake straps tightly so they don't tip over in the event of a large earthquake.

With a rack, the rack server is already safe. The rack was created not to topple over in an earthquake. The servers are secure if the rails are screwed so they don't move. That's the reason it is generally much safer to use racked equipment in areas vulnerable to earthquakes.

Article Source:
http://www.articleside.com/computer-articles/exteremly-simple-rackmount-servers-yet-very-satisfying.htm - Article Side

DJ Willis - About Author:

Need a new server? Check out a RackMountPro.com to learn more about a rackmount servers .

Article Keywords:
servers, technology, computers, internet,rackmount

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!