



## Profile

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D-Link Corporation, incorporated in 1986, headquartered in Taiwan, is a worldwide leading designer, developer and manufacturer of networking and connectivity products for mass consumers, small to medium business and enterprise market segments. D-Link Corporation has grown to gain a strong foothold in over 100 countries.

D-Link Corporation is listed on the Taiwan Stock Exchange and regulated by the Financial Supervisory Commission. D-Link Corporation has more than 34 subsidiaries worldwide in various jurisdictions including the United States of America, the United Kingdom and Singapore.

D-Link Corporation is a global leader in designing, manufacturing and marketing of advanced networking, broadband, digital, voice and data communications solutions. D-Link continually meets the global networking and connectivity needs of digital home consumers, small office professionals, small- to medium-sized businesses, and enterprise environments..

### Challenge

D-link required high availability of servers and dynamically scalable hosting infrastructure

### Solution

We provided eNlight cloud servers to D-Link which facilitates high availability, along with real-time scalable resources like RAM and CPU, that scale up or down depending upon the load.

## Business Challenge

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D-Link was facing issue of service availability at their previous service provider. Their prime concern was service availability as they wanted to host their primary web site <http://dlink.co.in>. Another major frequent issue was latency at the previous provider.

They were looking for a provider who could understand their business needs, and at the same time, deliver the infrastructure as well as the expertise required to keep their website available along with maximum 10 ms latency between their Indian corporate office and our datacenter.

## Solution

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After understanding D-Link's requirements thoroughly, an eNlight cloud virtual machine was recommended to them along with the following:

1. eNlight Cloud hosting infrastructure to D-Link to host their business critical web site.
2. eNlight Cloud infrastructure provides high availability of web application. As a key feature of eNlight, if any physical server goes down, the website VM gets migrated to another physical server through centralized SAN storage.
3. 24 x 7 monitoring of different services.
4. Network services with maximum 10ms latency between our datacenter and D-Link India Corporate office.
5. Commitment of 99.95% uptime.



## **Solution Benefits:**

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With D-Link website being hosted on eNlight server, the concerns about handling sudden spikes in resource requirements and uptime were addressed entirely. eNlight cloud server hosting assures D-Link of high availability server and also reduces the overhead cost of server hardware and other applications. In short, eNlight cloud infrastructure provides D-Link fully redundant and multi-server systems which are easily scalable.

Following points show major DC facilities through which D-Link reaps benefits like better Server performance, uptime, and speed and Bandwidth utilization:

1. High-end cloud infrastructure as per D-Link's requirements.
2. Power with N+1 Chloride UPS
3. N+1 air conditioning with generator power backup
4. Multiple Cummins Diesel Generators
5. Fire Detection using VESDA and smoke detectors
6. FM200 fire suppression
7. Multiple fiber optic ducts in premises
8. Ring cabling path till access layer switch.
9. 24 x 7 NOC, support team and security operations
10. Complete redundant and high availability environment for deployed servers and applications.
11. Cisco anomaly guard and detector modules integrated with core router to mitigate the DDoS attack.