StarWind
for Education

≋ **StarWind**

It's not a secret that modern educational institutions are highly dependent on modern technologies. All the applications that drive and improve the educational process, as well as students' and teachers' files must always be available.

This creates a need in an infrastructure that ensures schools, colleges and universities are not hostage to infrastructure failures. StarWind as a pioneer of software-defined storage provides education with highly available, easy to setup and cost-efficient infrastructure that become a corner stone of developing young minds even in the most difficult of circumstances

PROBLEMS

Even the slightest downtime may lead to a break down in the education process

Needs to provide students and teachers with constantly available resources for their researches

A need in a simple and cost-efficient solution with low hardware footprint

SOLUTION

- StarWind provides synchronous 2-way or 3-way replication to ensure data availability even if one of the active components failed

- The installation of StarWind for both production and research environments is a straight forward process requiring minimum time and effort

- StarWind provides HA with just 2 nodes without any additional hardware, decreasing both CAPEX and OPEX

ARCHITECTURE AND BENEFITS

24/7 Ensure your educational materials and applications availability even during maintenance and patching

Easily deploy testing labs for students on a simplistic 2 node configuration

Build a Highly Available infrastructure with minimum investments

Simple licensing not depending on the cores or hardware vendor

Students portals

Online management systems

E-learning platforms

Learning management systems

Student web services

VM VM • • • ≈

Hyper-V vmware Xen KVM

StarWind Command Center

24/7/365 Monitoring

VM VM • • • ≈

Hyper-V vmware Xen KVM

⚏ **"Mirror" by StarWind Virtual SAN**

SSD

NIC

NIC

SSD

⇄ **Synchronization**

♥ **Heartbeat**