Is it possible to improve availability algorithms for video streaming by using small scale Raspberry Pi’s data center?

Why are small scale data centers being used?

Small scale cloud computing

Power efficiency

Storage advantages

Availability

Raspberry PI

Why use video streaming in small scale data centers?

What is video streaming

http streaming

Availability

Small location usage/density

Is it useful to use Raspberry Pi’s for video streaming?

Throughput time

Bandwidth

System I/O

Raspberry Pi cluster

Load balancing

Portable devices

Power usage

How does the availability change using different load balancing techniques?

Availability

Scalability