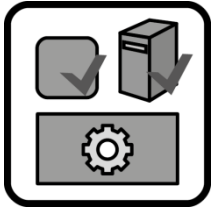# Node-based Availability

A cloud provider guarantees the availability of individual nodes, such as individual virtual servers, middleware components or hosted application components.

How can providers express availability in a node-centric fashion, so that customers may estimate the availability of hosted applications?

Five components are deployed (left):

$$0{,}9995^5 \approx 99{,}75\%$$