## Compute node

## Network node Virtual machine monitor (Hypervisor) Virtual Net Virtual network functions Programmable Network function network card Control Virtual Virtual Virtual data surface surface Machine 1 Machine 2 Machine 3 Customer Customer app Customer app application Lightweight Lightweight ightweight Storage nodes Library South Virtual network Virtual network Virtual NIC 3 Card 1 Card 2 Data knot Data structure processing Programmable Construct data network card Control surface processing surface Virtual local territory Virtual cloud disk Programmable Memory /Flash network card Virtual Memory /Flash network Data center network