

Containers vs Virtual Machines on the Edge

Either, Both or Neither?

13 Nov 2018



Agenda - Containers vs Virtual Machines on the Edge

→ What are the options?

- Containers – shortcomings on the Edge, what can we do to fix
- How to provide secured connectivity at the Edge using containers?
- Network functional limitations
- Others -- Clear containers, Cloudlets, Serverless, servlets, etc.
- VM – shortcomings on the Edge, what can we do to fix
- Baremetal - – shortcomings on the Edge, what can we do to fix

→ What about StarlingX and other “edge” projects?

→ Key takeaway: know your workloads to drive the choice

Who we are.



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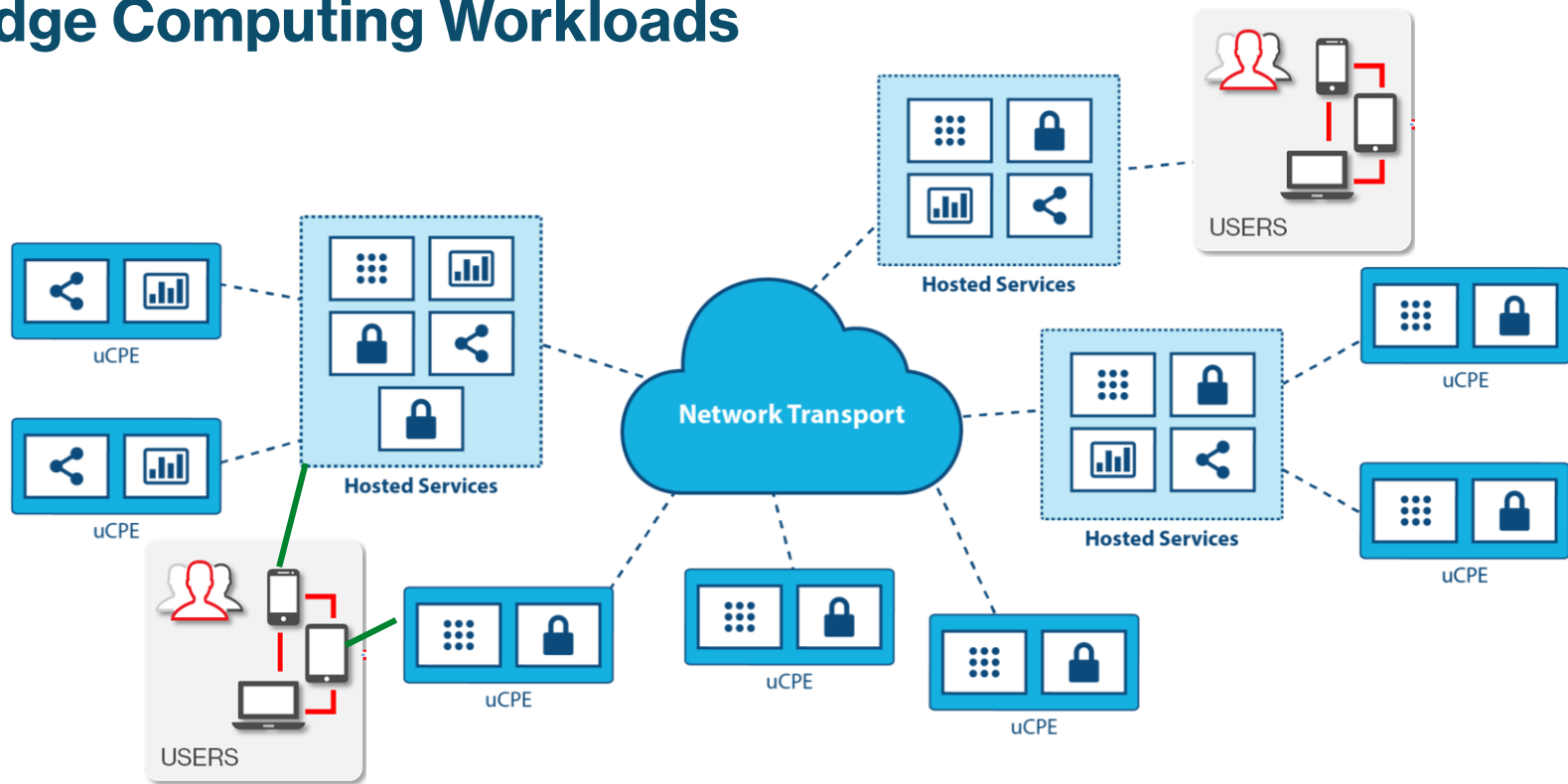
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Edge Computing Workloads

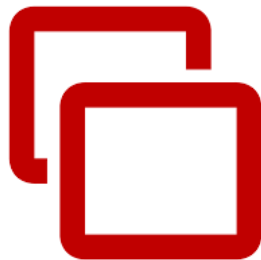


Edge Computing Architecture Options



Bare Metal

VS



Virtual Machines

VS



Containers

Questions?



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