Akraino ICN Blueprint

ICN Pod Topology
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Required information

› Intel Pod from the OPNFV lab is used by Akraino Contributor for development, testing, CI and CD system
› Only contributors have Intel Pod access for Akraino
› For Pod access contact current Akraino ICN PTL
Pod Topology
Net A – Baremetal Network, lab networking for SSH, It is used as the control plane for Kubernetes, used by OVN and Flannel for the overlay networking with Internet access

Net B (Internal networking) – Provisioning Networking used by Ironic to do inspection (Will be having DHCP server)

Net C (Internal networking) – IPMI lan to do IPMI protocols for the OS provisioning

PXE boot enabled
CD Topology - ICN Master Virtual Deployment Verifier

Host Machine

Master-0 VM

Worker-0 VM

Net B – Provisioning network

Net A – Baremetal Network

Net C – Provider Network

eno1

Provisioning

Baremetal
CD Topology

› ICN master baremetal Deployment for hardware verification shown as a separate CD Jenkins
› ICN master vm deployment verification shown as a separate CD Jenkins
› ICN sdewan vm deployment verification shown as a separate CD Jenkins to run the sdewan deployment in vm
Contacts

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