

App Instance Connectivity

- Default is local network with NATed connectivity
- Can provision a switch network - an L2 network e.g. on eth1
- Can provision PCI controller or COM port if instance has its own drivers (industrial Ethernet, TSN, BTLE, modbus over serial)
- Can provision a cloud network - connect to AWS, Azure VPN
- Can provision a mesh network - connect device to device
 - Uses LISP (<https://tools.ietf.org/html/rfc6830>)
 - Handles multihoming, mobility, NAT traversal, authentication, encryption
 - No changes to app; uses DHCP to get IP addresses as normal
- Can provision a local network with no external port; local-only
- If vnc is enabled in manifest can use Guacamole for remote console