



midwest  
architecture community  
collaboration

ASA

# Midwest Architecture community Collaboration

Arch-a-than workshop



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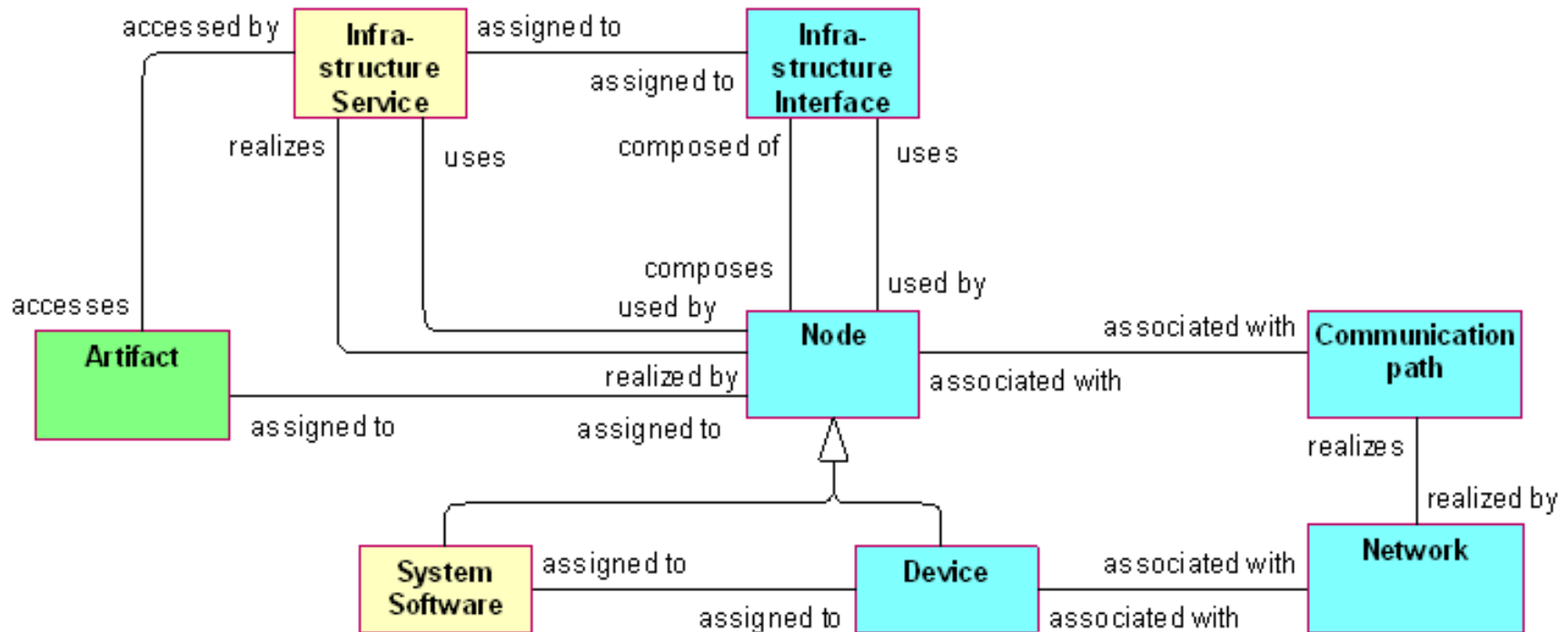
# Introduction

## 11- Technology Architecture Development



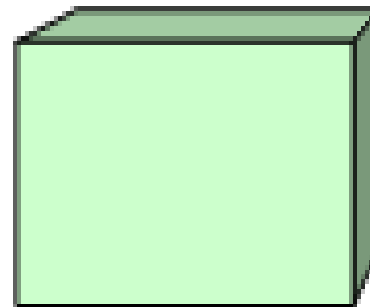
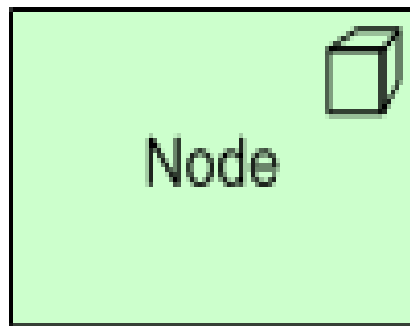
# Technology layer

Allows us to catalogue the infrastructure of hardware, software and networks



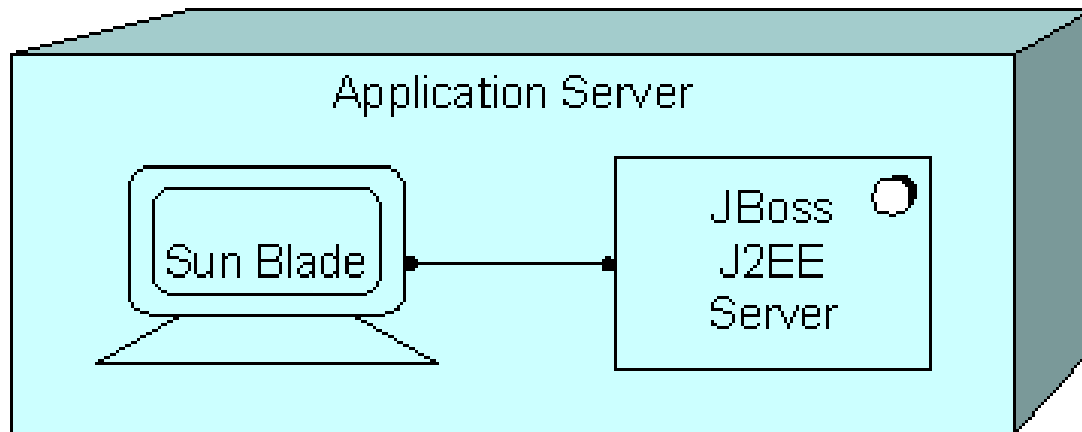
# Technology layer (node)

- The main structural concept for the technology layer is the *node*. This concept is used to model structural entities in this layer.
- A node is defined as a computational resource upon which artifacts may be deployed for execution.



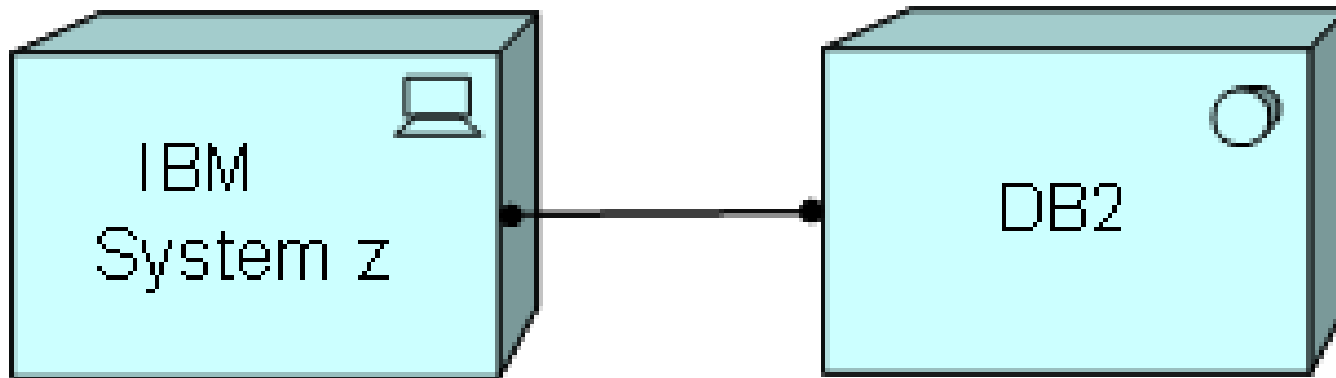
# Application Node

- In the model below, we see an Application Server node, which consists of a Sun Blade device and a JBoss J2EE Server application.



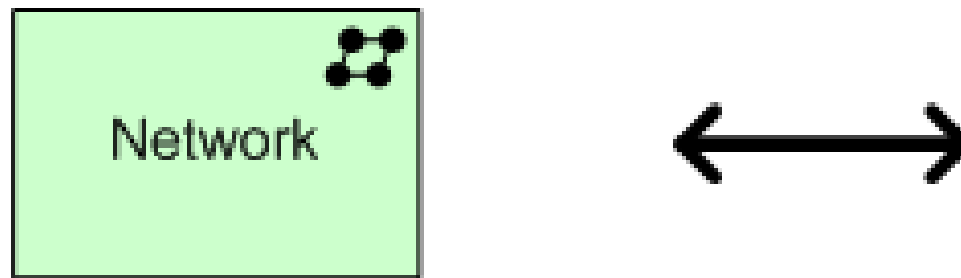
# Device Notation

- In the model below, we see a device IBM Systems z to which DB2 system software is assigned.

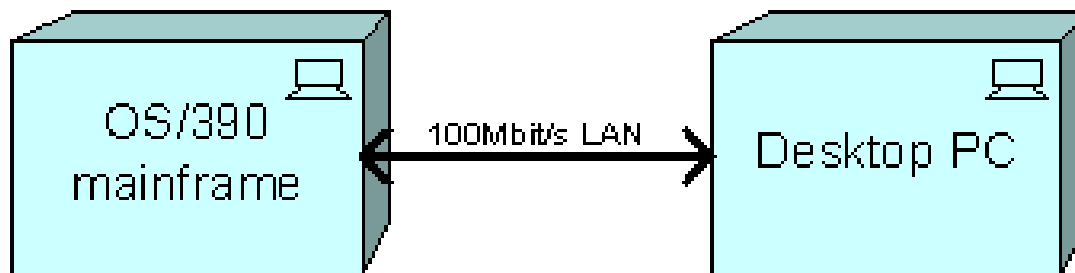


# Network

- A network is defined as a physical communication medium between two or more devices.



In the model below, a 100 Mb/s LAN network connects a mainframe and PC device.



# Infrastructure Technology Mapping

