

# Best Practices in Naming

- Business Namespace
  - What makes money ?
- Host Namespace
  - What resource is available ?
- Physical Namespace
  - Where is it ?

# Business Namespaces

- **determine Security Domains**
  - Product Development and Innovation (pdi)
  - Clearance, Settlement and Servicing (clr)
  - Transaction Management (trn) Finance (fin)
  - Risk Management (rsk) Client Management (clt)
  - Support Services (sup) Infrastructure (inf)
- **have Environments**
  - Production (prod) User Acceptance Testing (uat)
  - Development (dev) Systems Engineering (se)
  - Lab builds (lab) Integration Development (int)
  - Proof of Concept (poc)

# Building a Business Service

- Decide on name
- Build Systems
- Deploy Applications
- Deploy Packages

# Building a System

- Create an OS Group
- Deploy Packages
- Deploy a CNAME if required
- Live anywhere

# Deploying an Application

- Create an OS username
- Create an OS groupname
- Place the Application binaries in the home directory of the OS username

# Deploying a Package

- Create an OS username
- Add OS username to Application and System Groups.
- Create a DNS CNAME
- Point the DNS CNAME to a host/cluster VIP
- Provision Trusts for package entitlement to groups within the Desktop AD Domains.

# Host Namespaces

- Belong to an Environment
- Move between locations
- Encode
  - OS variety
  - Standalone (n) or Cluster (c)
  - Index
- VIPs and additional interfaces

# Host Namespaces

- Belong to an Environment
- Move between locations
- Encode
  - OS variety
  - Standalone (n) or Cluster (c)
  - Index
- VIPs and additional interfaces



# Physical Namespaces

- Asset tags
  - Devices or Elements
- Building Identifier
- Country

# Where is everything presented ?

- BAML.COM
  - Internet Presented
- BAML.BIZ
  - 3<sup>rd</sup> Party Access
- BAML.ORG
  - Internal
- BAML.NET
  - Networking & Infrastructure

# Where is it ?

- Package
  - DNS CNAME to Host
- Host
  - host.env.secdomain.baml.xxx
  - Resolve  
host.env.secdomain.loc.baml.org
  - DNS CNAME to  
asset.building.country.baml.org
  - DNS A Record to System or Cloud provider

# How much of it ?

- How many Assets in a building or country ?
- How many OS instances needed for a Business Service?
- How many Packages use a specific Application ?
- Which Packages are used by a System and Service?