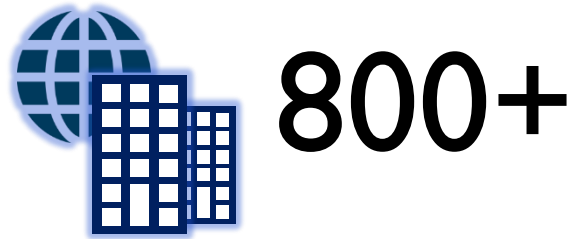
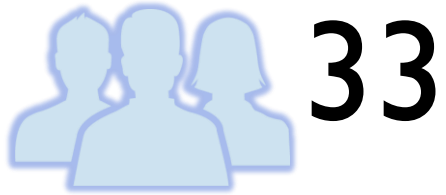


IPV6 DOMAIN TRANSITION



Saatvik Advisors

SCALE

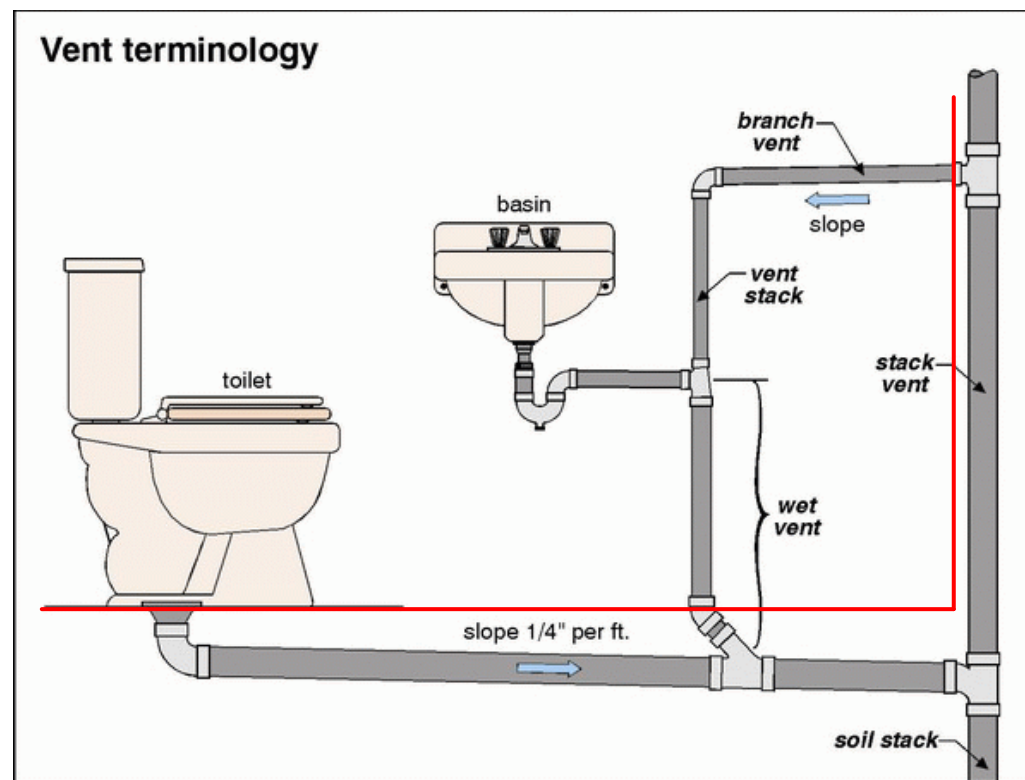


\$40 billion Annual Run Rate

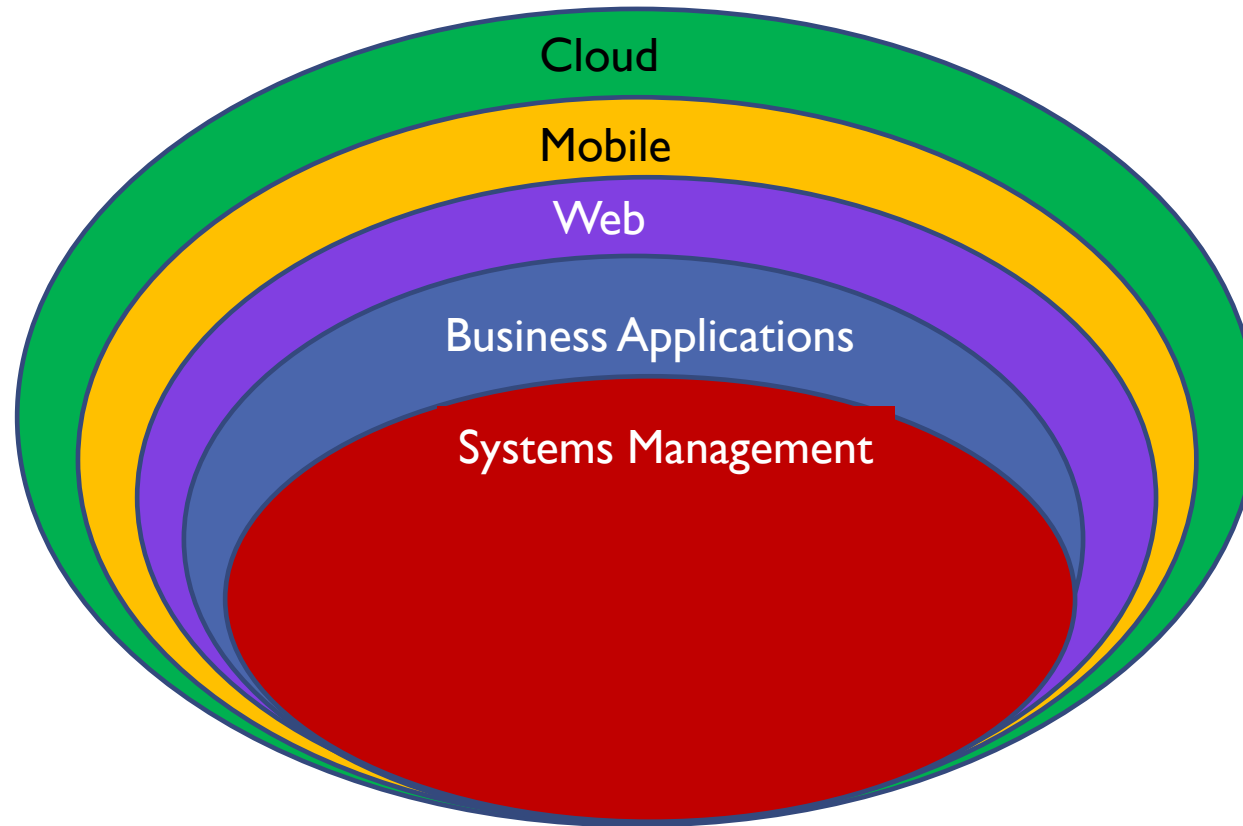
DOMAIN TRANSITION

- Web transition is tracked by NIST and vyncke.org
- High visibility externally and internally
- Highest level of integrative effort between applications team and infrastructure teams.
 - Compute
 - Network

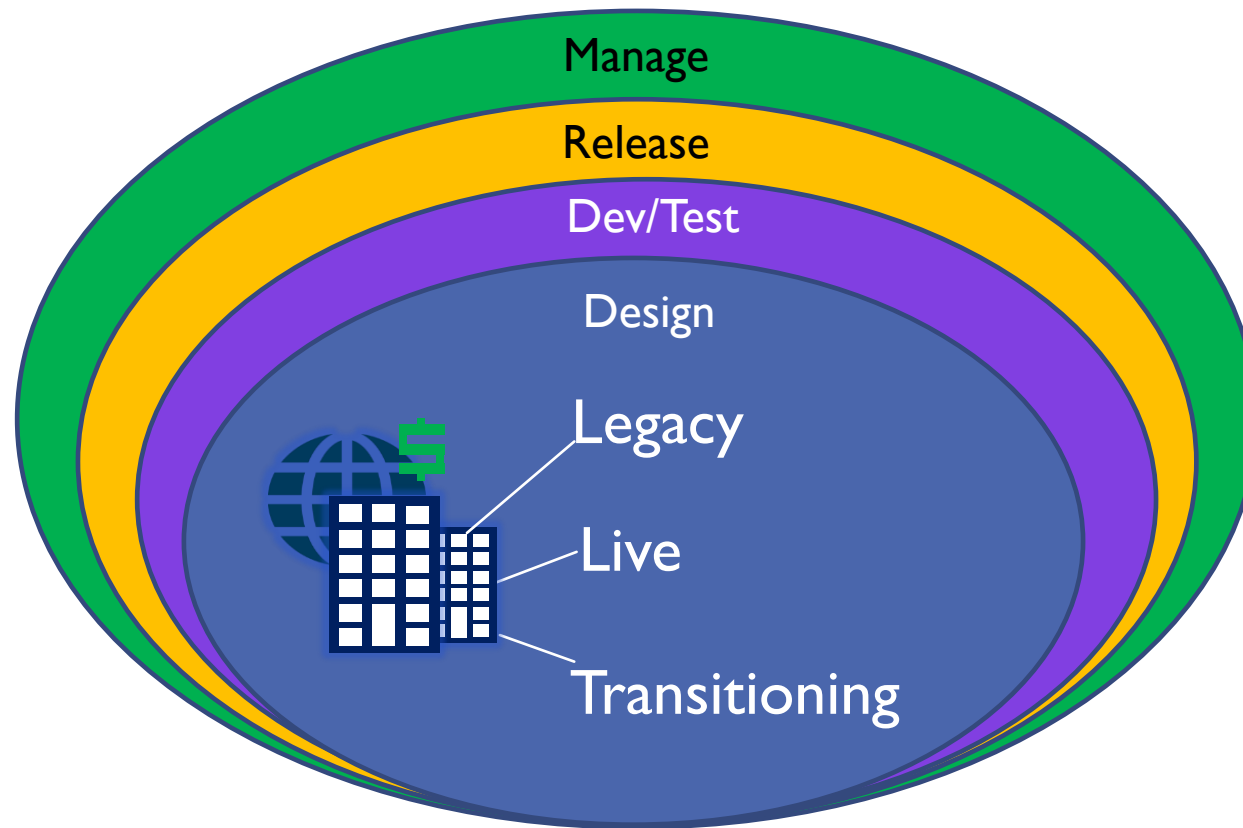
FLOW



APPLICATIONS ECOSYSTEMS



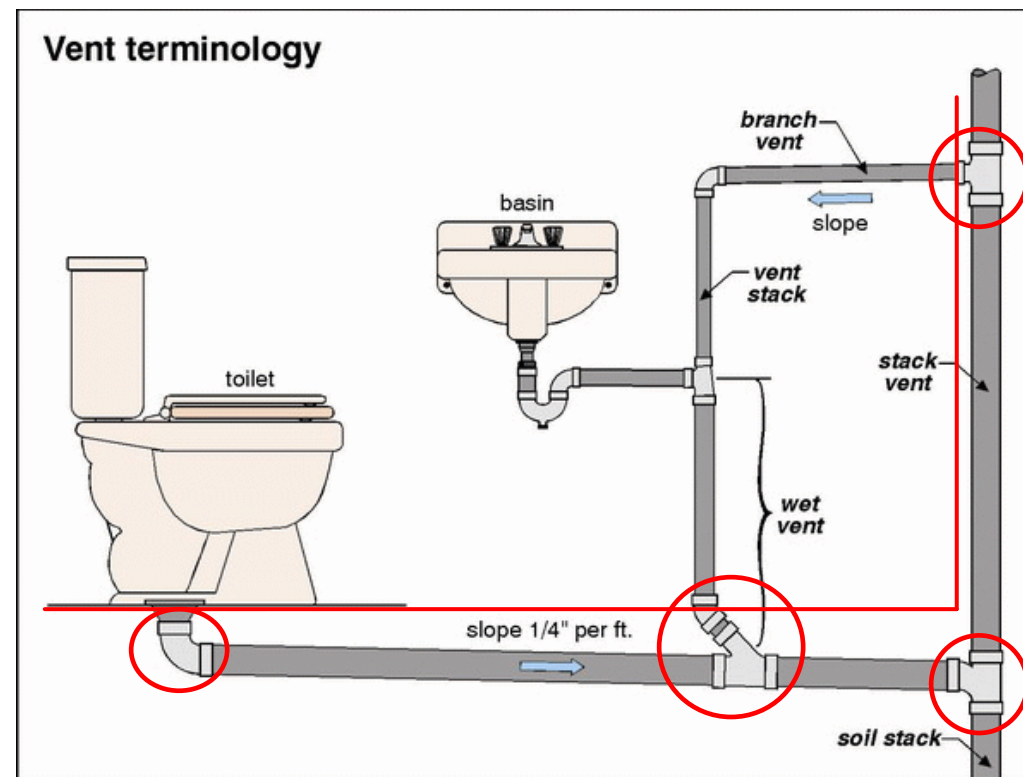
APPLICATIONS LIFECYCLE



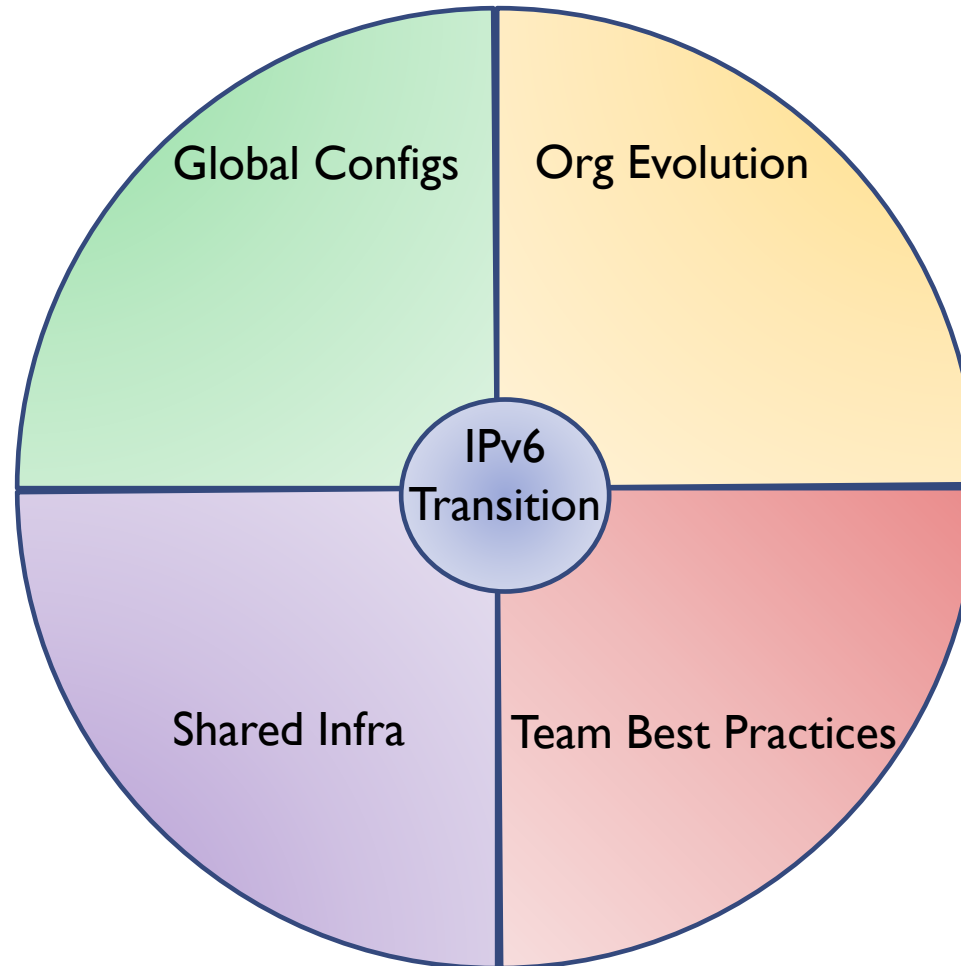
ENABLING BEYOND THE NETWORK

- Value/Impact of IP Address
 - Direct
 - Abstracted
- Increase Evangelists
- Reduce Creation of New Legacy Applications
- Reduce Necessity of Dual Stack Maintenance
 - Global Economy
 - Business Continuity
- Necessitated by complexity of deployed systems

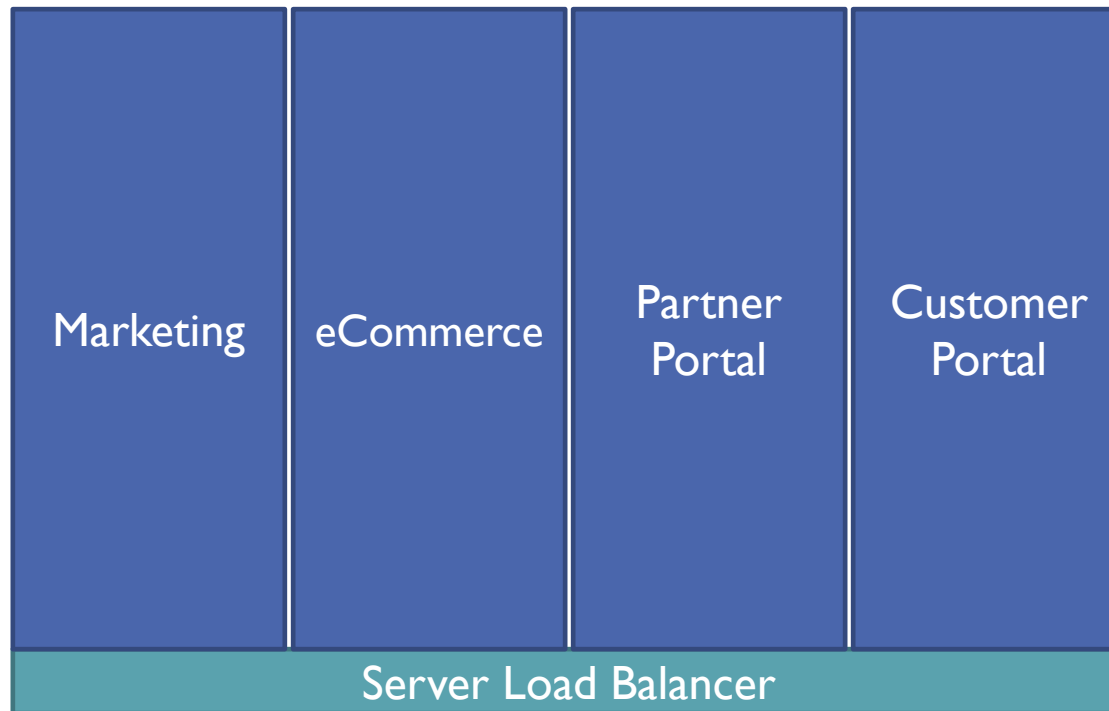
INCREMENTAL



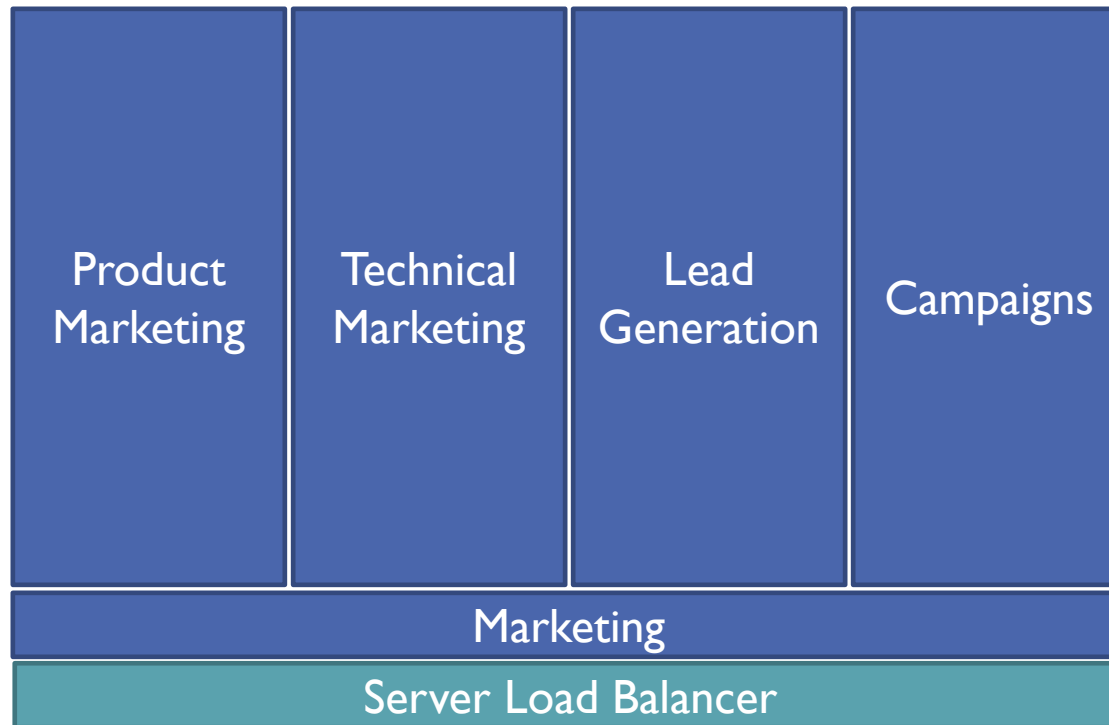
KEY CHALLENGES



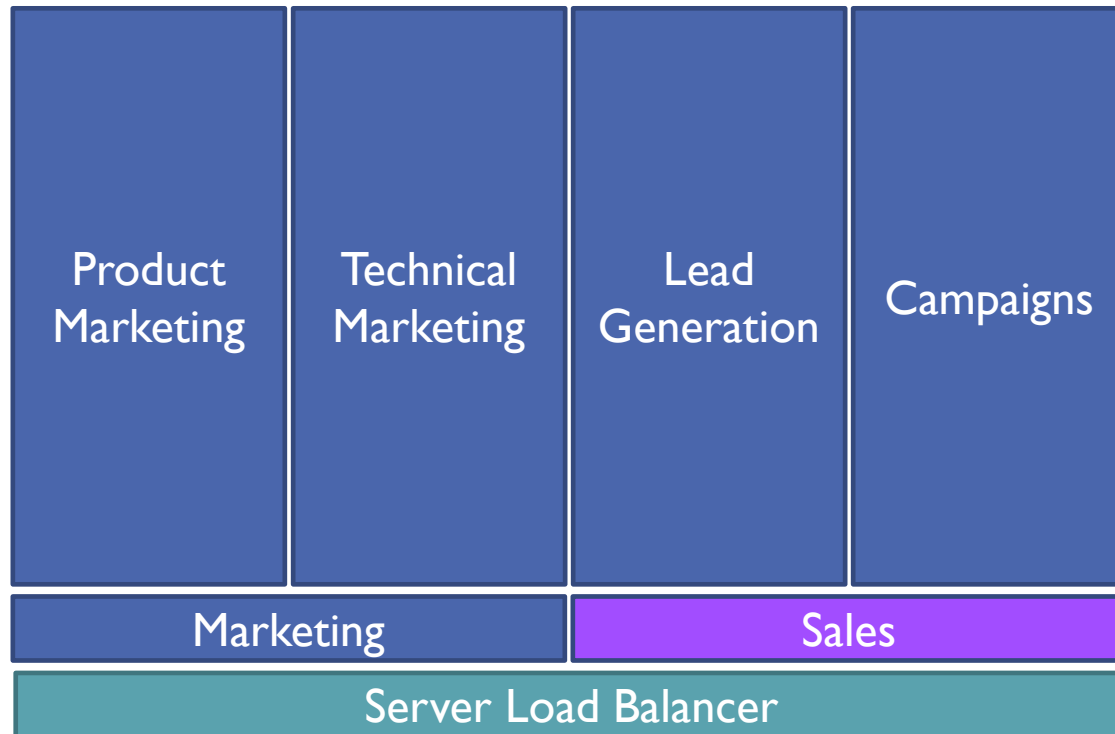
ORGANIZATIONAL EVOLUTION



ORGANIZATIONAL EVOLUTION



ORGANIZATIONAL EVOLUTION



ORGANIZATIONAL RECOMMENDATIONS

- Identify potential evangelists in applications teams.
- Identify all business domains impacted by shared network infrastructure.
- Keep your applications teams properly equipped.
- Include IPv6 capability is added to M&A checklists.
- Include IPv6 capability in vendor selection criteria.

TECHNOLOGY RECOMMENDATIONS

- Trace IP address flow through impacted external & internal systems.
- Determine strategy for global configurations.
- Determine method for flow transition.
- Ensure security parity with v4 in off-shore offices.

IPV6 OPS SUGGESTIONS

- Develop recommendations for mitigating shared network infrastructure in preparation for domain transition.
- Develop recommendations for mitigating global configurations in preparation for domain transition.
- Identify key applications and non-network technologies necessary for domain transition.
- Develop recommendations for transition at point of integration with applications and non-network infrastructure for domain transition.



Thank You!