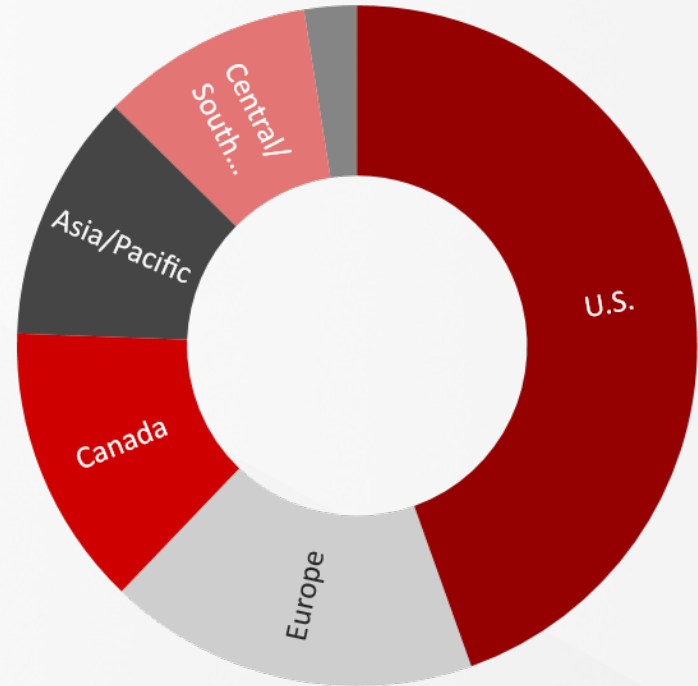
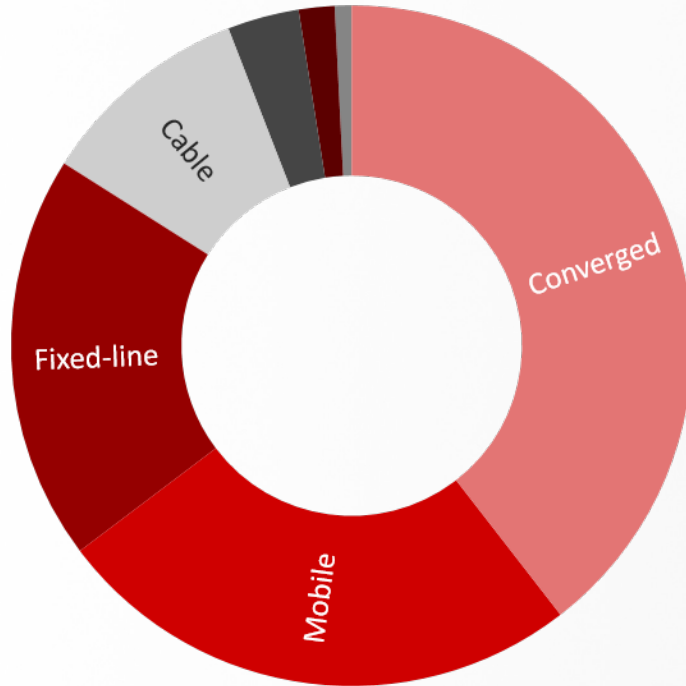


Heavy Reading Data Center Transformation Study

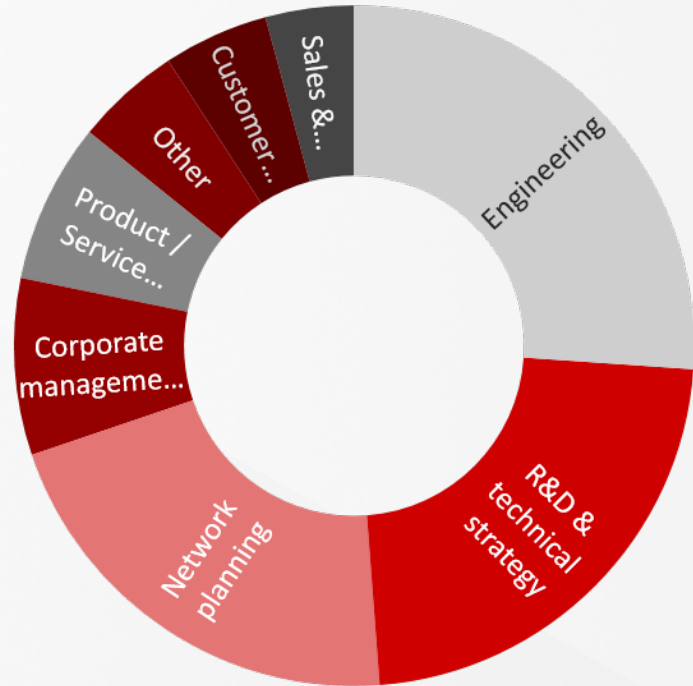
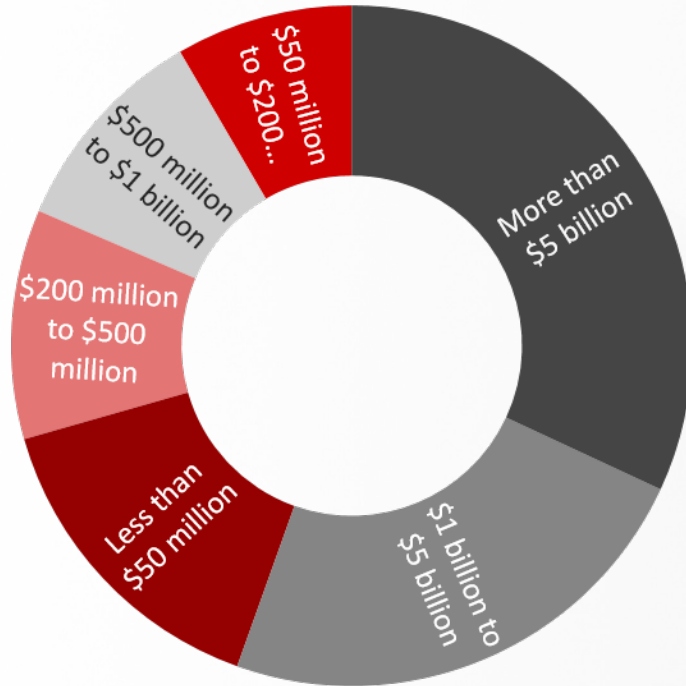
Roz Roseboro, Principal Analyst, Cloud Infrastructure and Management

CSP info (1)



Source: Heavy Reading Service Provider Survey, November 2017, n=119

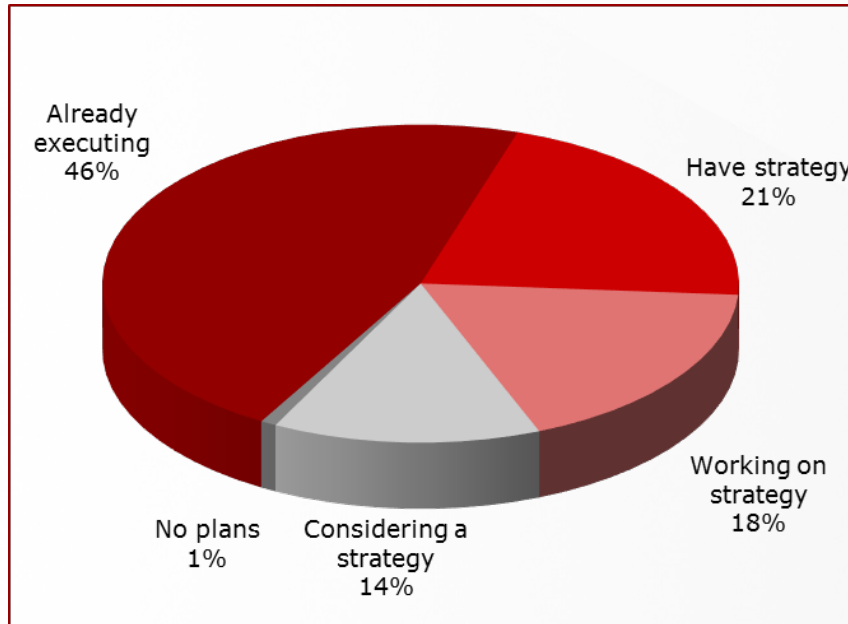
CSP info (2)



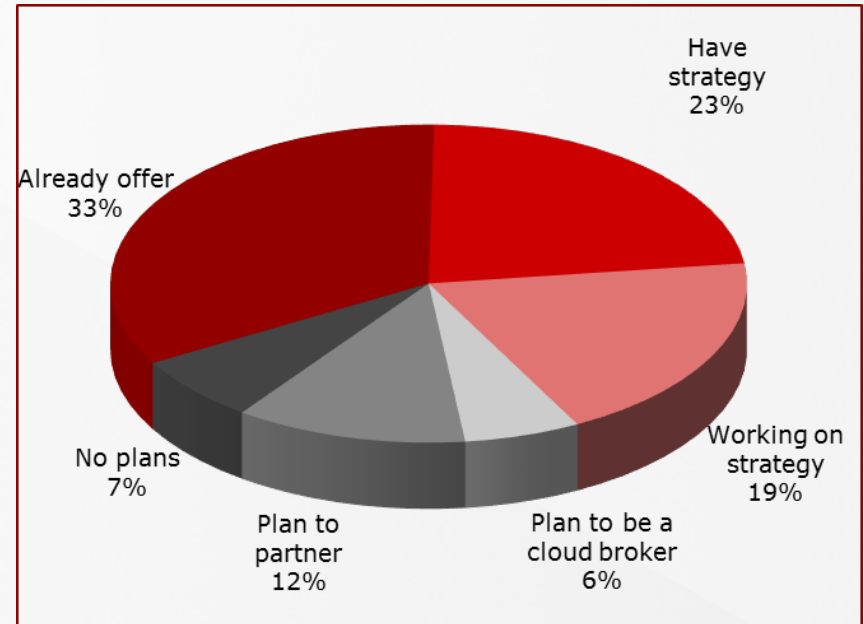
Source: Heavy Reading Service Provider Survey, November 2017, n=119

NFV and Public Cloud Strategies

NFV

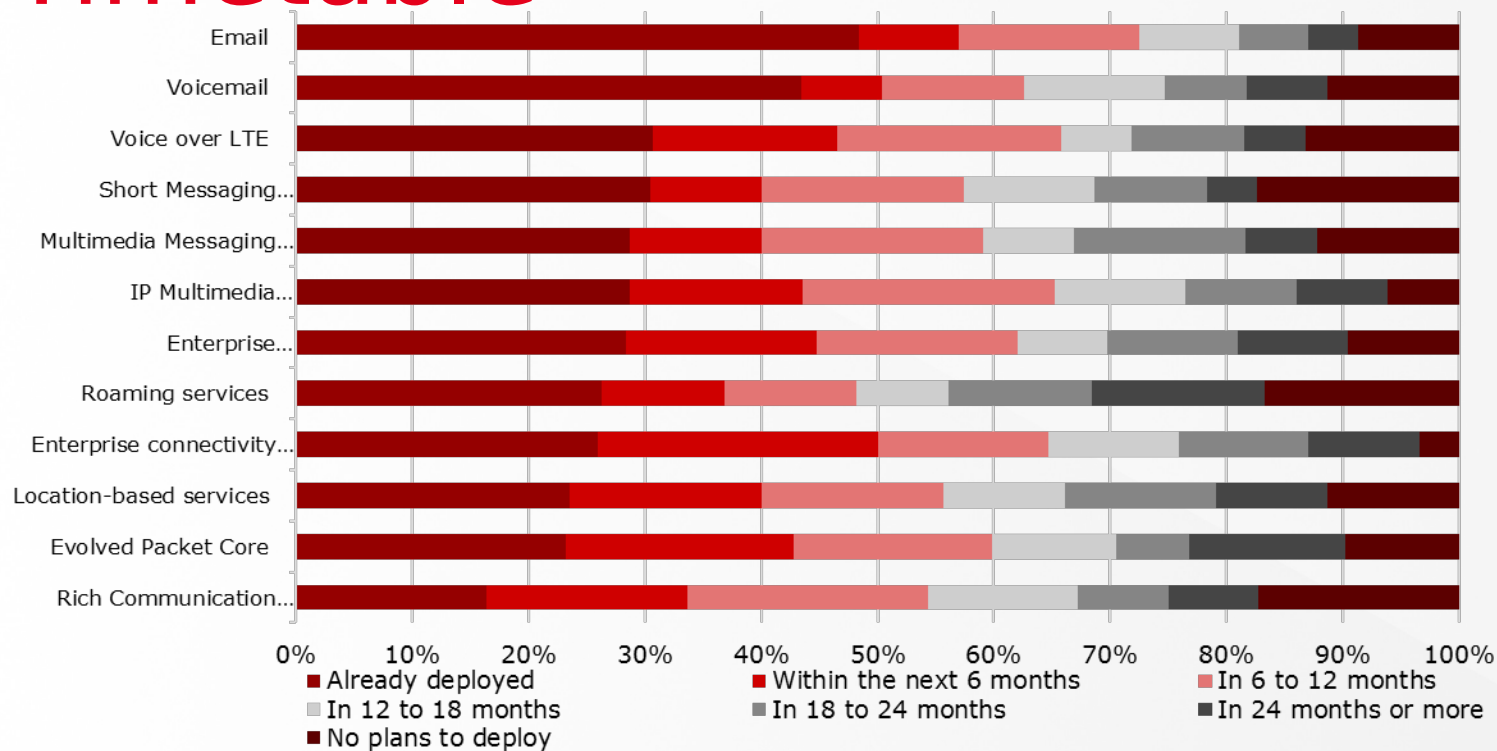


Public Cloud



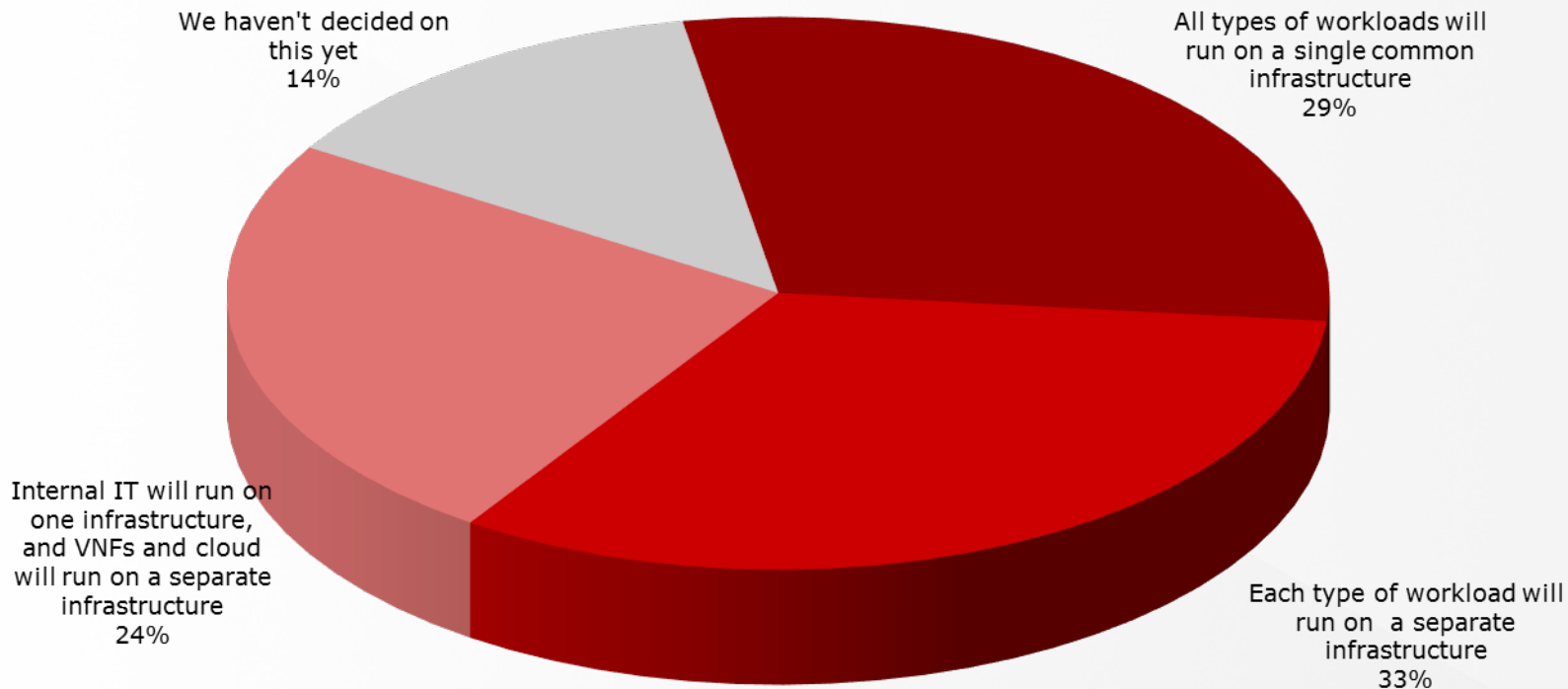
Source: Heavy Reading Service Provider Survey, November 2017, n=118

Cloud Service Deployment Timetable



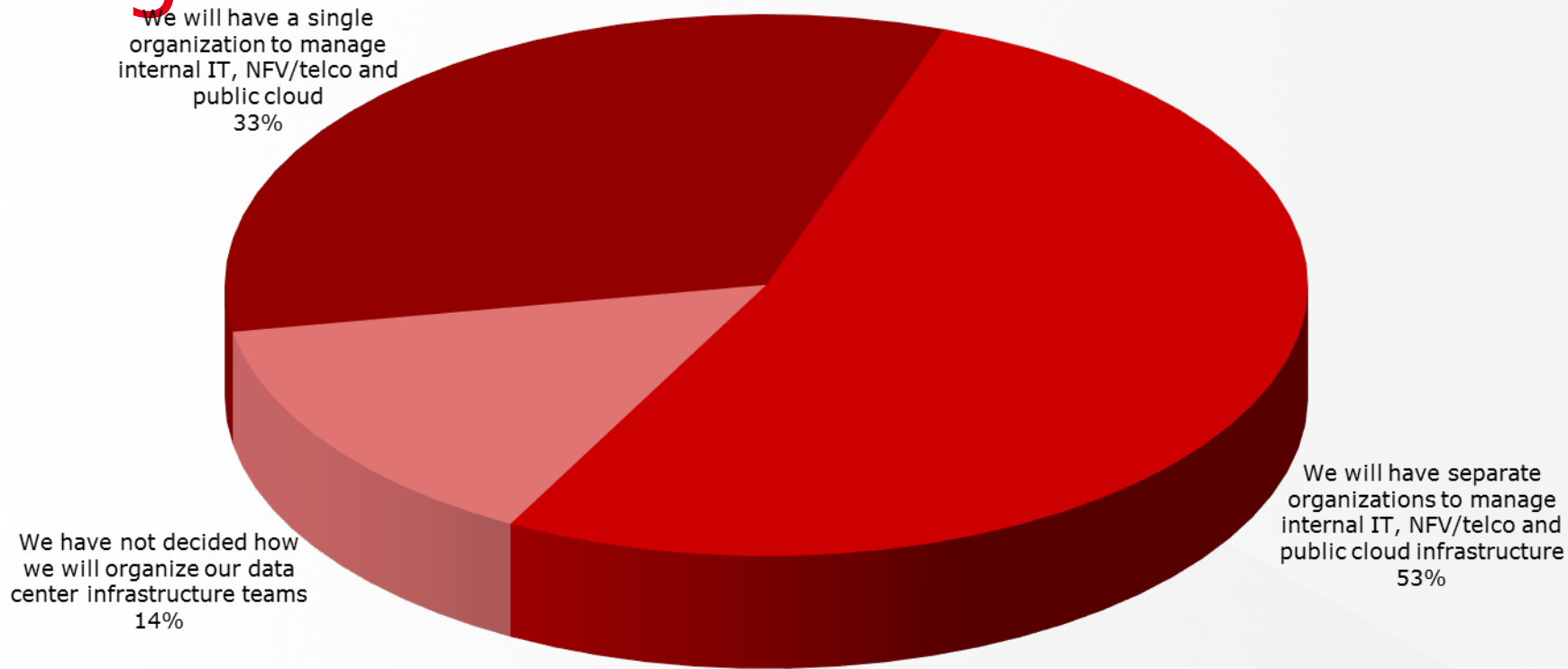
Source: Heavy Reading Service Provider Survey, November 2017, n=112-116

Plan for Common Infrastructure



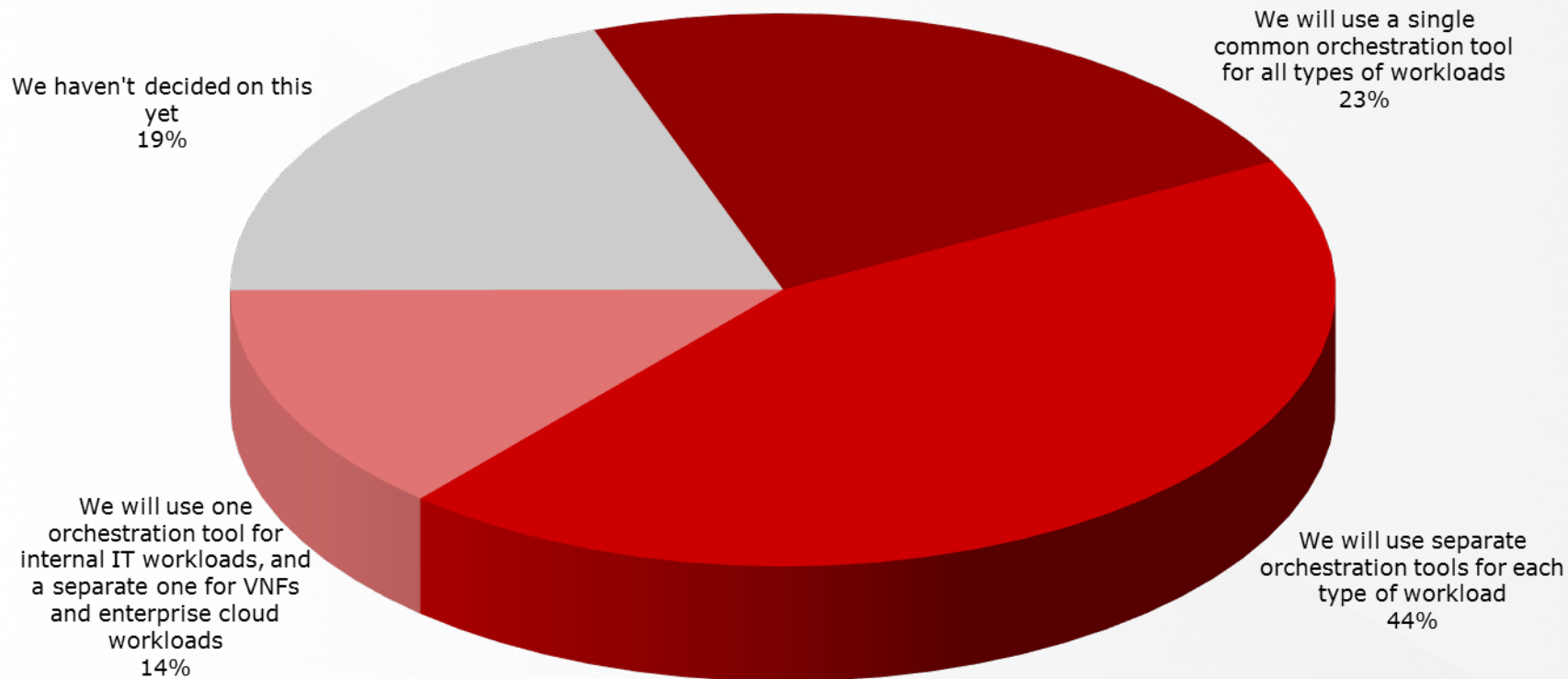
Source: Heavy Reading Service Provider Survey, November 2017, n=119

Plan for Converged Organizations



Source: Heavy Reading Service Provider Survey, November 2017, n=118

Plan for Common Orchestration



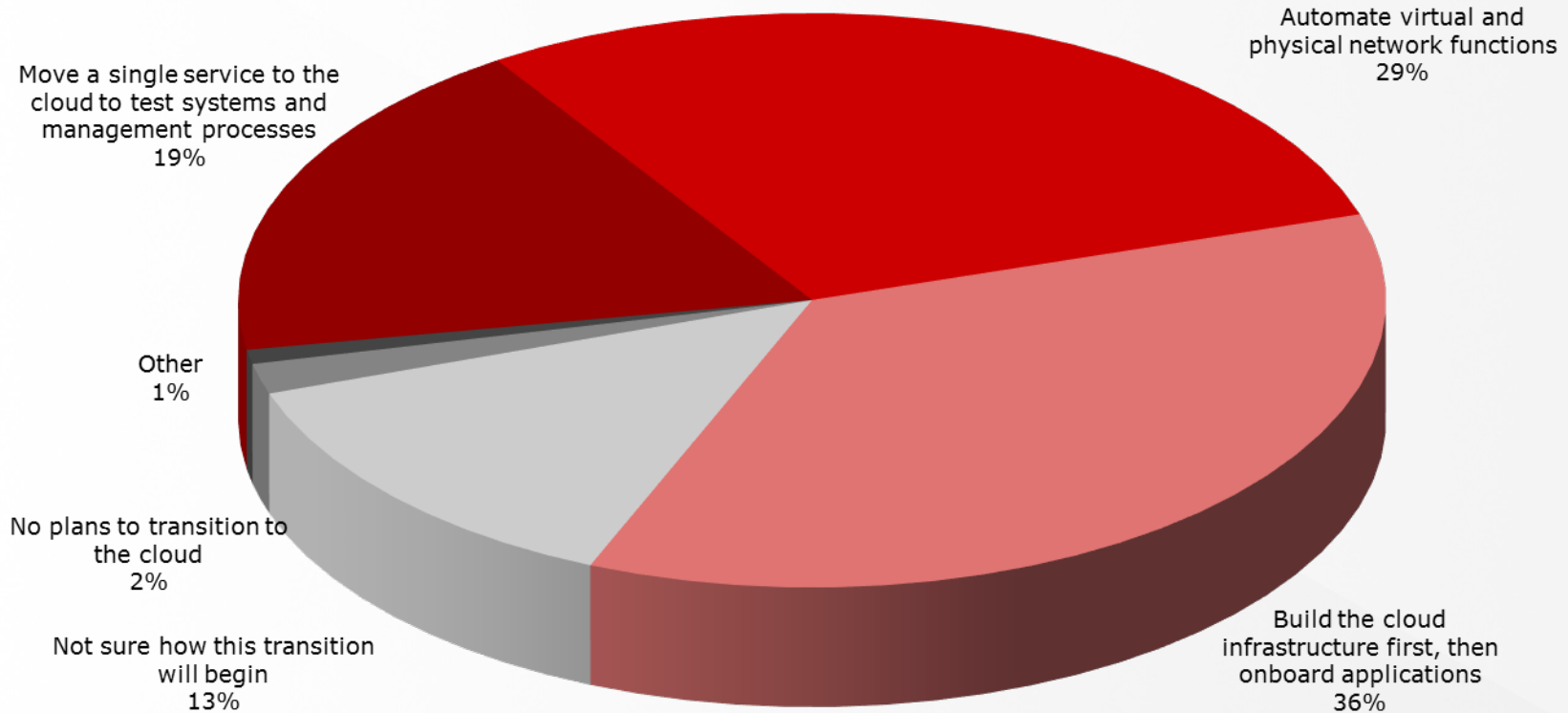
Source: Heavy Reading Service Provider Survey, November 2017, n=118

Cloud Infrastructure Attributes

	NFVI/Telco Cloud	Public Cloud	Internal IT/OSS/BSS Cloud
Elasticity	2	5	8
High Performance	2	4	5
Security	1	1	1
Manageability	5	3	2
Scalability	6	2	4
Portability	7	6	7
Resilience	3	7	5
Migration & Co-existence	4	9	3
Energy Efficiency	7	8	6

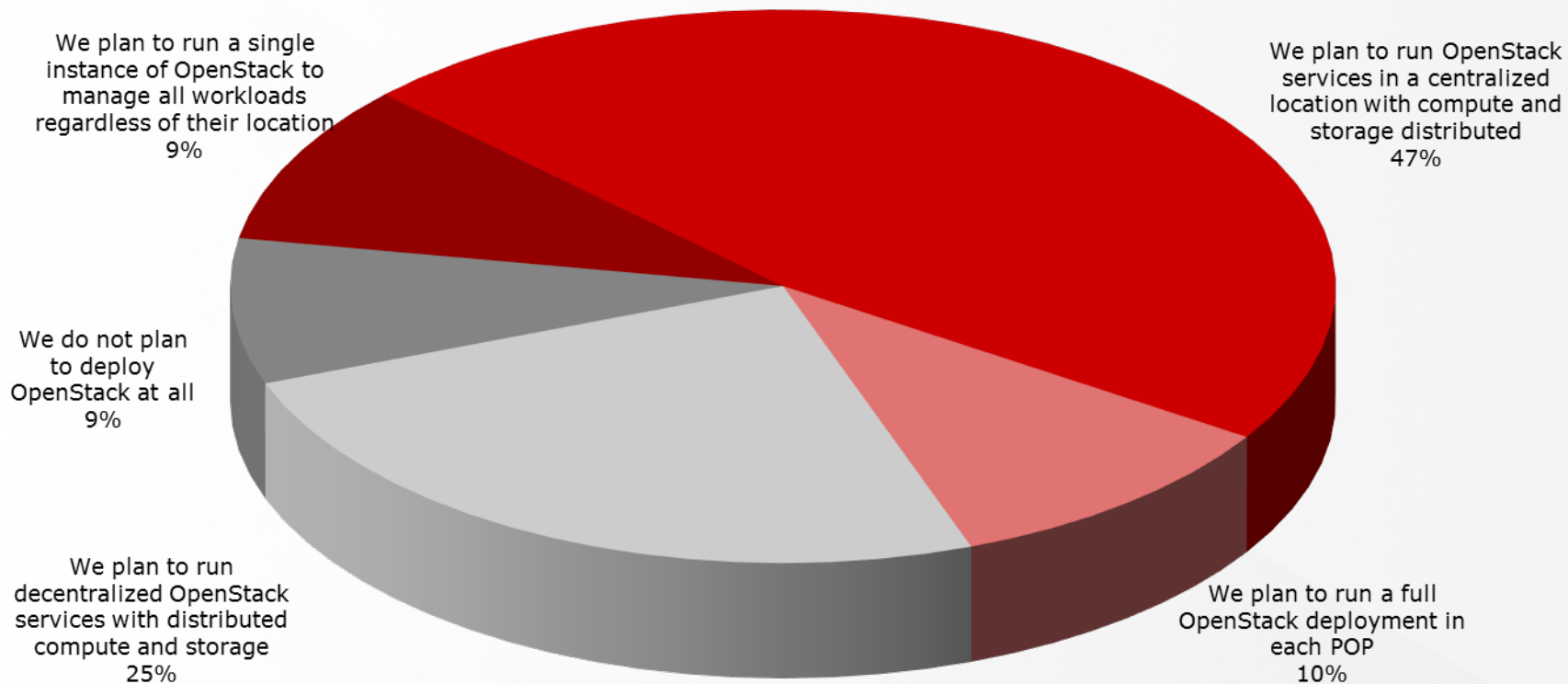
Source: Heavy Reading Service Provider Survey, November 2017, n=84-114

How to Begin Transition to Cloud



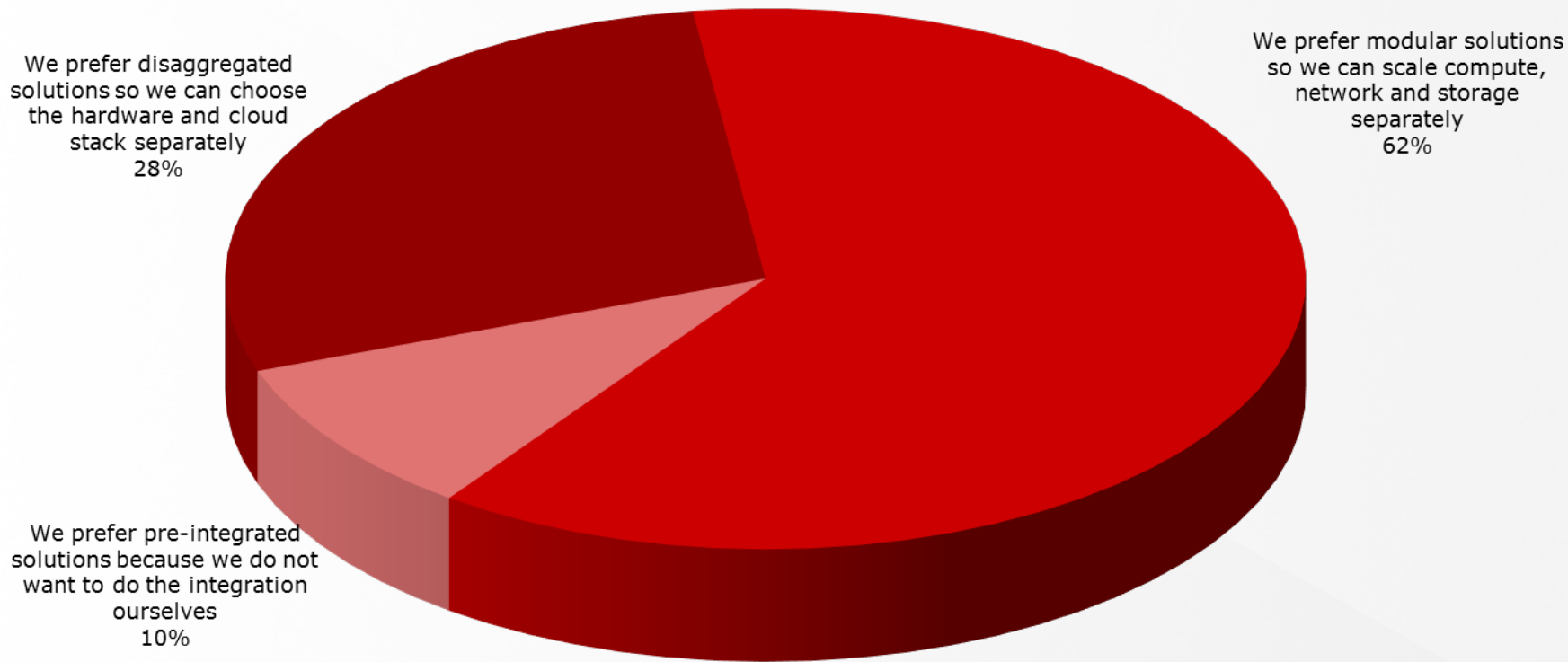
Source: Heavy Reading Service Provider Survey, November 2017, n=119

Plan for OpenStack



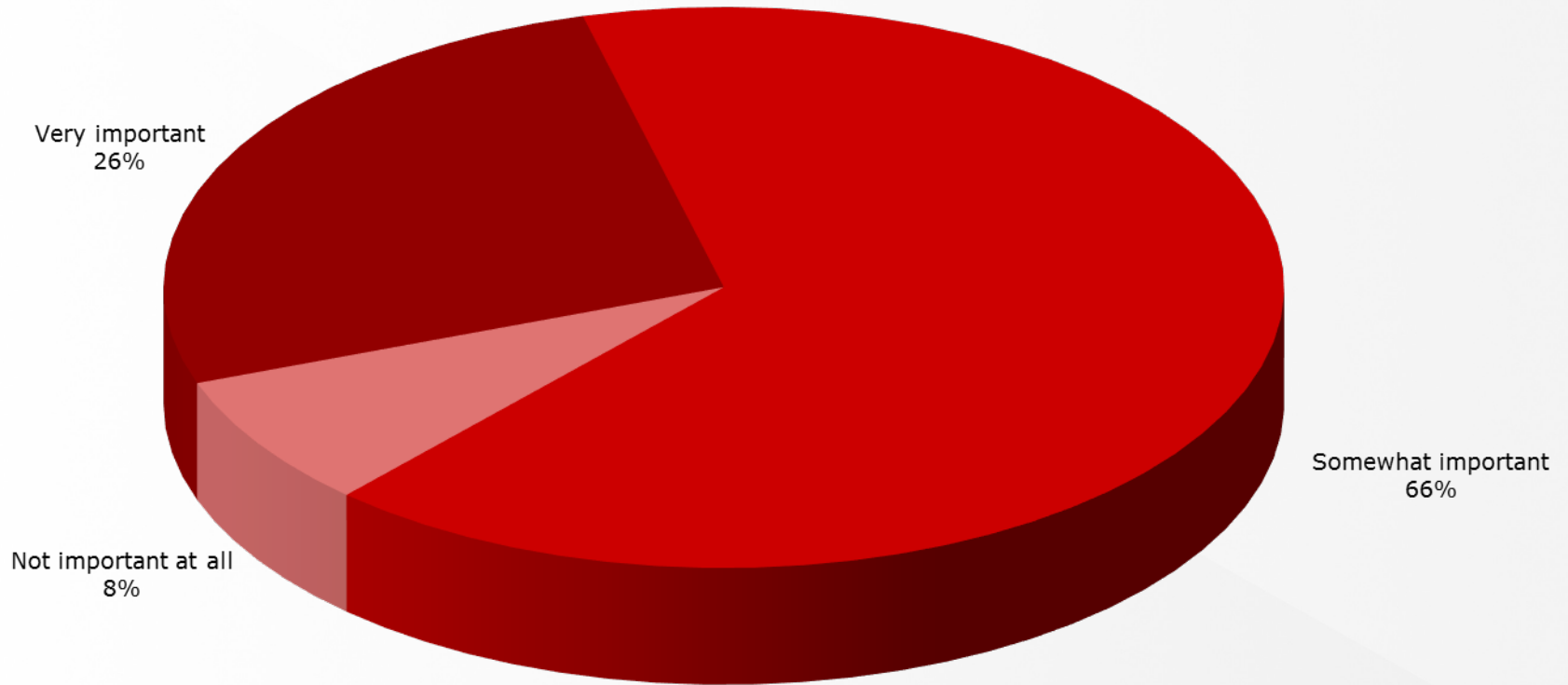
Source: Heavy Reading Service Provider Survey, November 2017, n=117

Telco Cloud/NFVI Hardware Preference



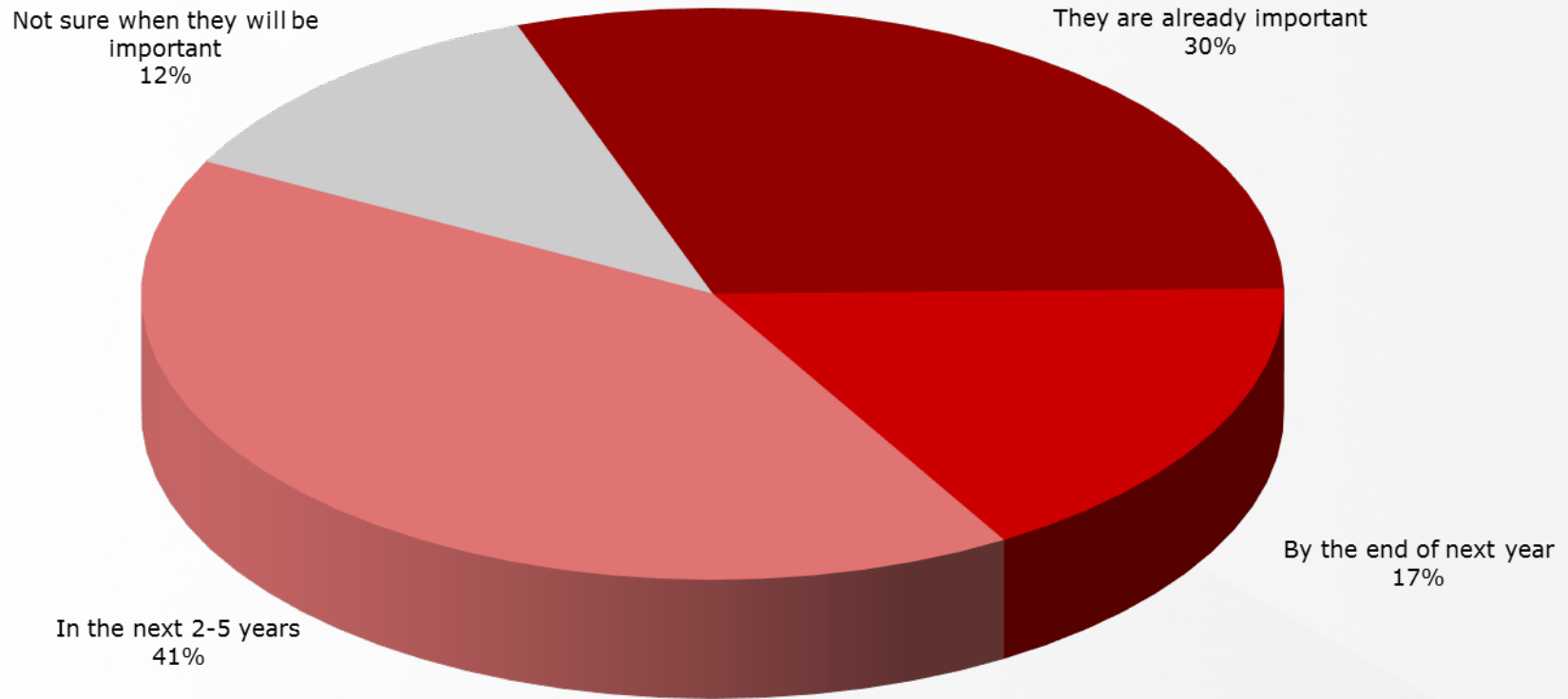
Source: Heavy Reading Service Provider Survey, November 2017, n=116

Importance of HCI



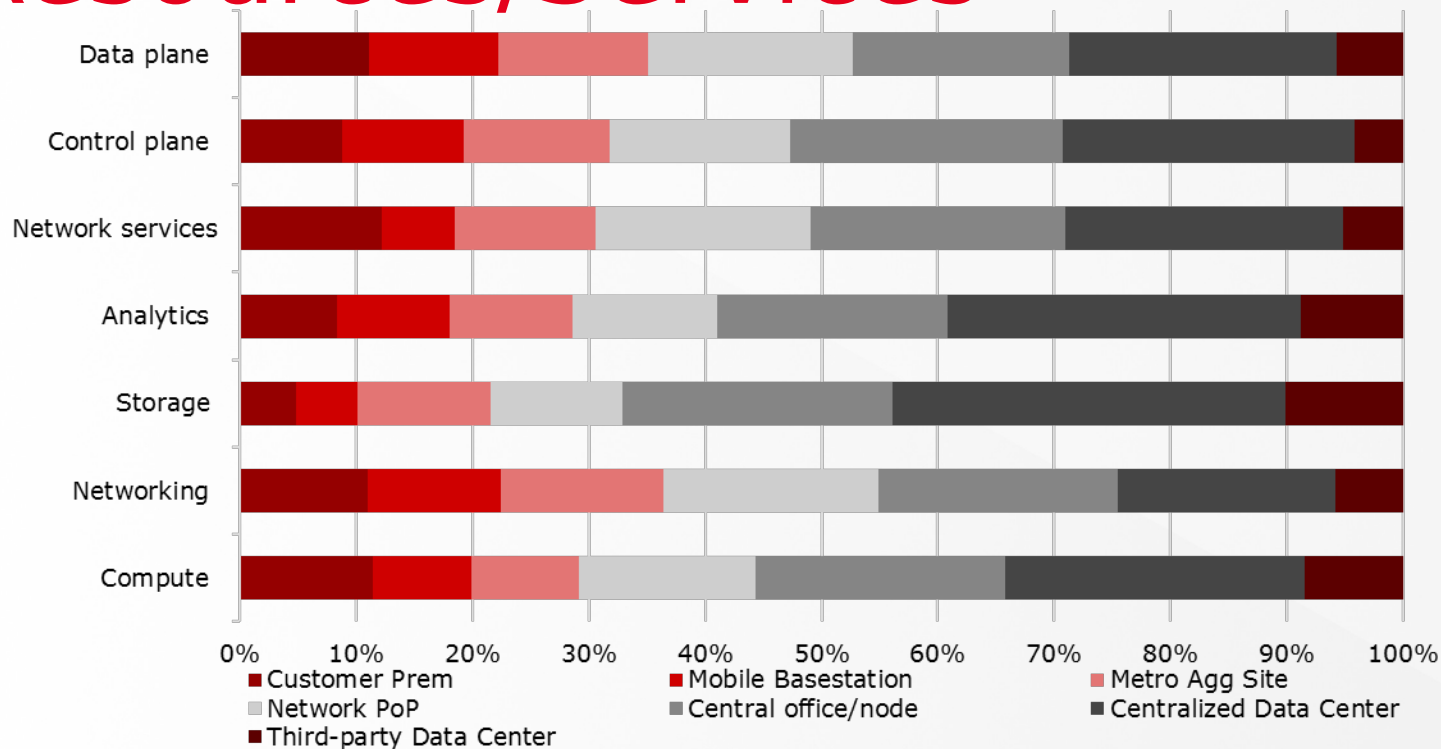
Source: Heavy Reading Service Provider Survey, November 2017, n=117

Importance of Containers



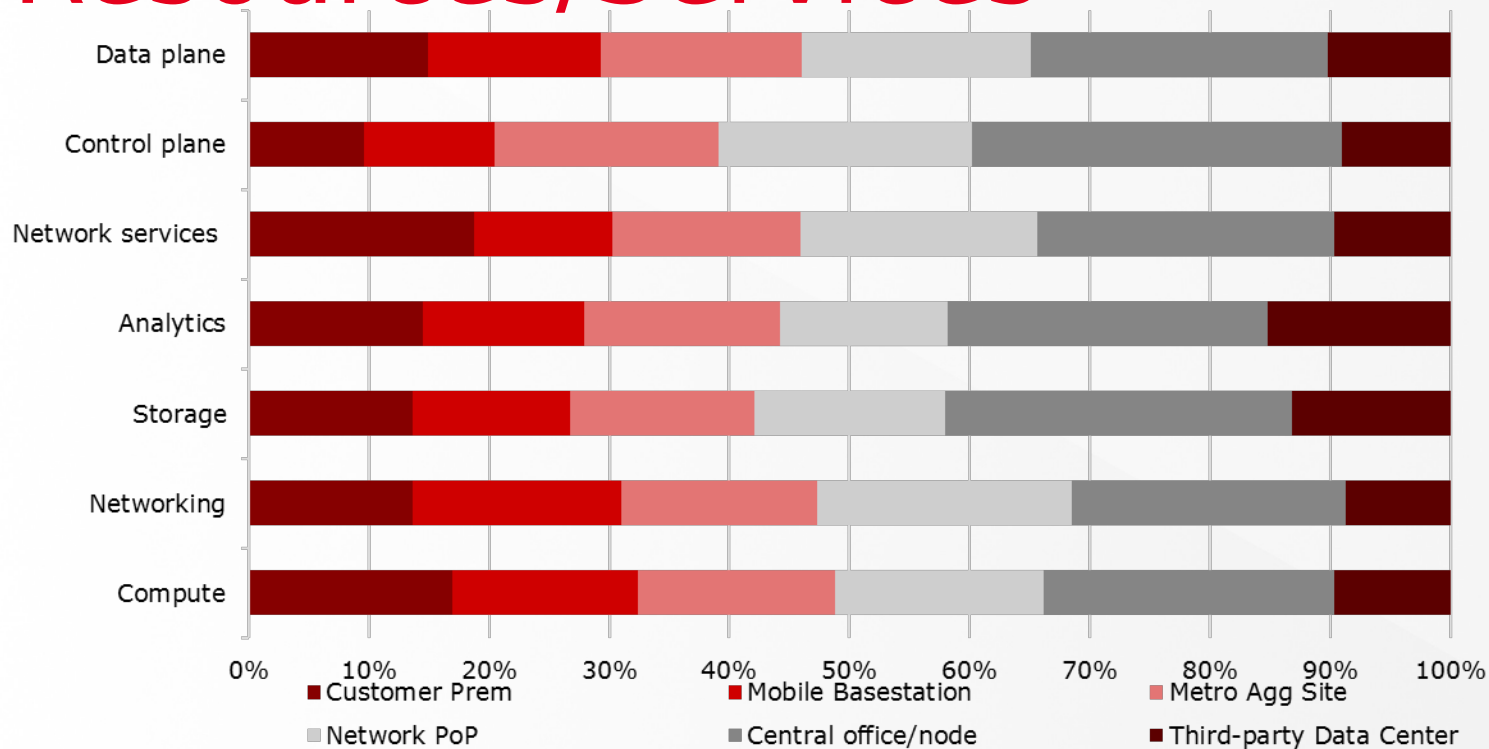
Source: Heavy Reading Service Provider Survey, November 2017, n=119

Current Location of Resources/Services



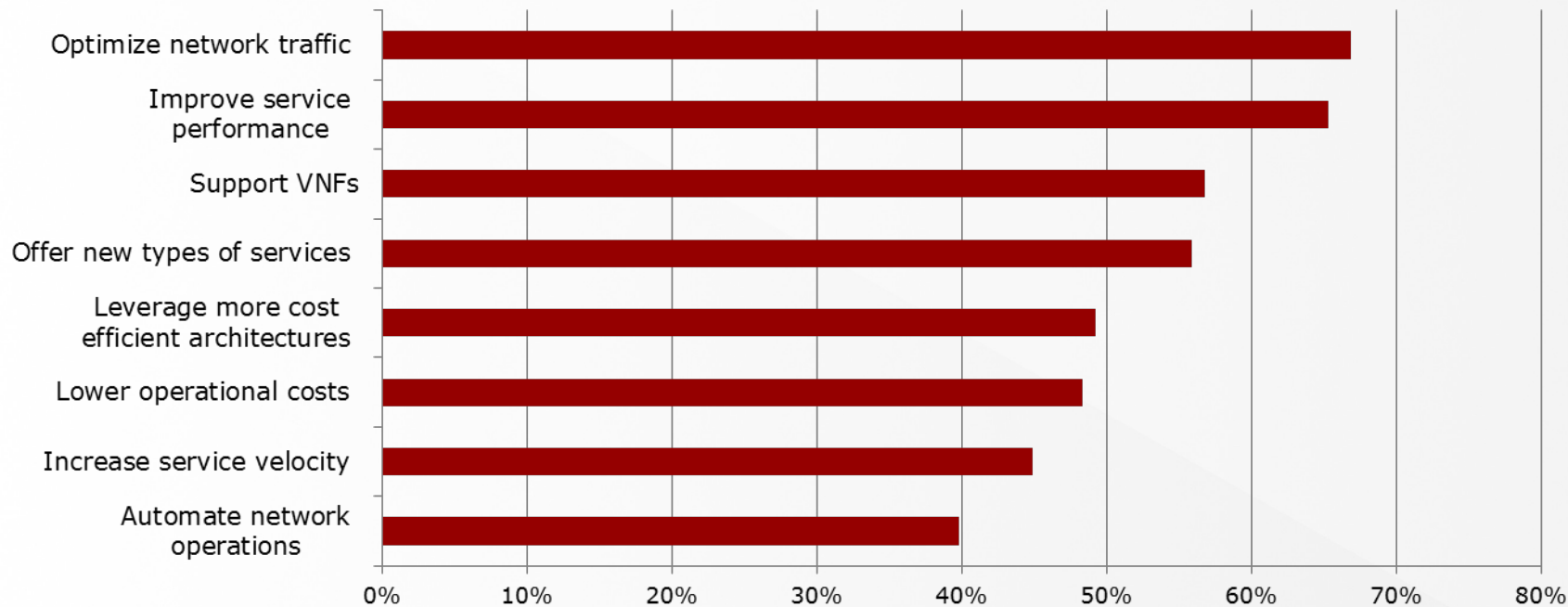
Source: Heavy Reading Service Provider Survey, November 2017, n=110-117

Future Location of Resources/Services



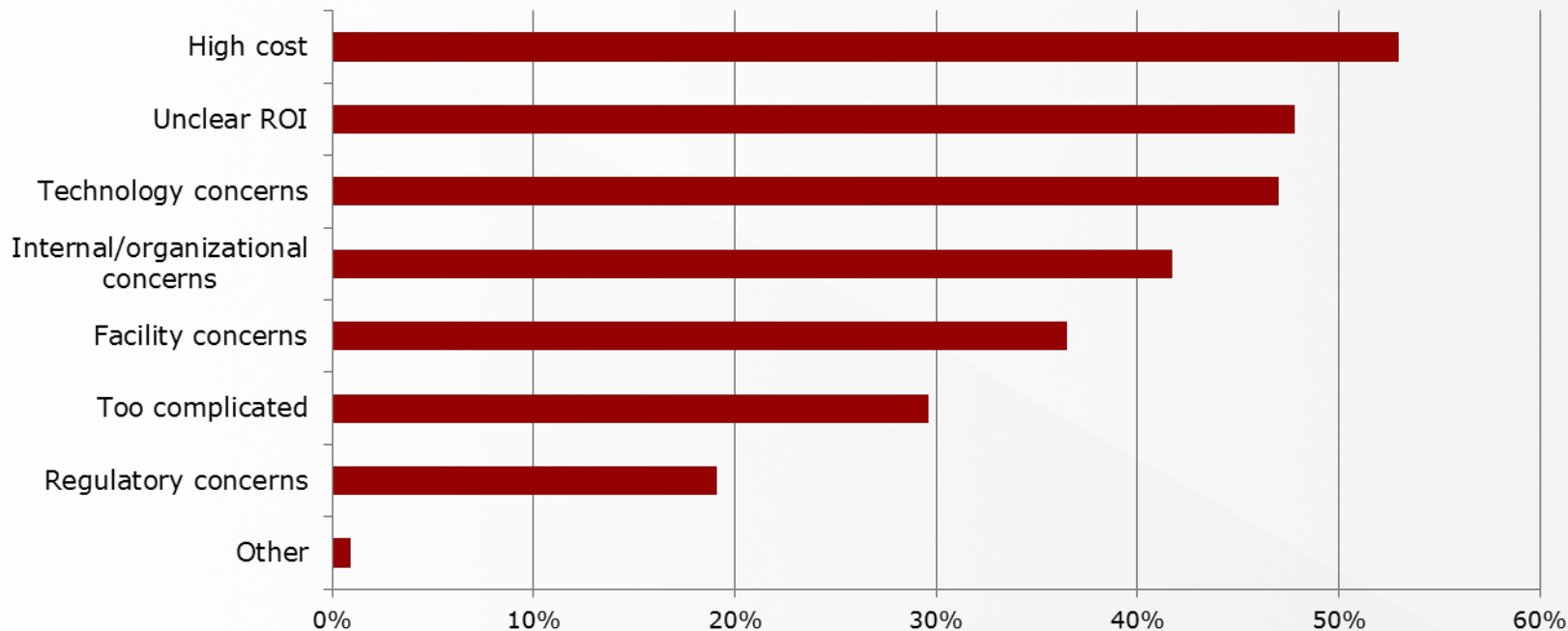
Source: Heavy Reading Service Provider Survey, November 2017, n=112-116

Benefits of Edge Deployments



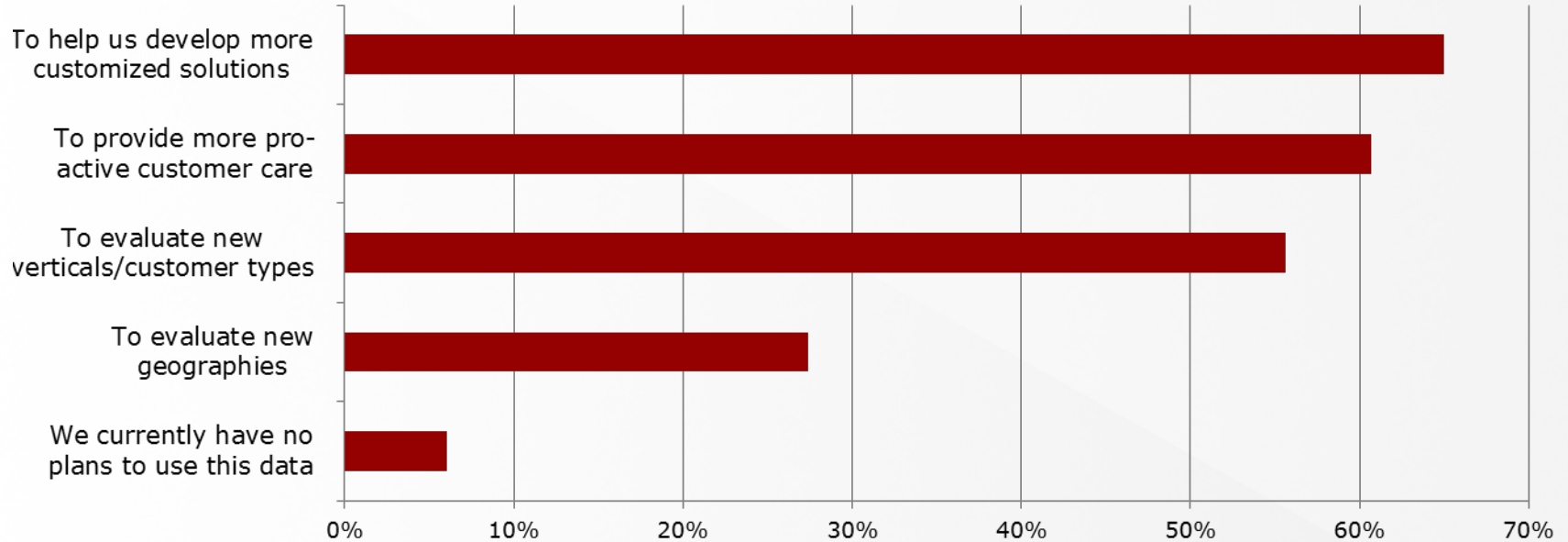
Source: Heavy Reading Service Provider Survey, November 2017, n=119

Barriers to Edge Deployments



Source: Heavy Reading Service Provider Survey, November 2017, n=118

Using Data from New Infrastructure



Source: Heavy Reading Service Provider Survey, November 2017, n=115