



# MesosCon

ASIA

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## China DC/OS & Mesos Report 2016

Sam Chen, DC/OS China Community

# Bio



大家好  
Hello

- DC/OS中国社区创始人和社区项目孵化者。
- 陈冉(Sam)先生曾先后担任CTO &首席架构师于Linker、HPE、IBM等。
- Mesos/OpenStack/Docker北京社区共同负责人。
- OSCAR DCOS PL/Core。
- 开源布道者。
- Linux 基金会亚太区。
- Helion MVP。

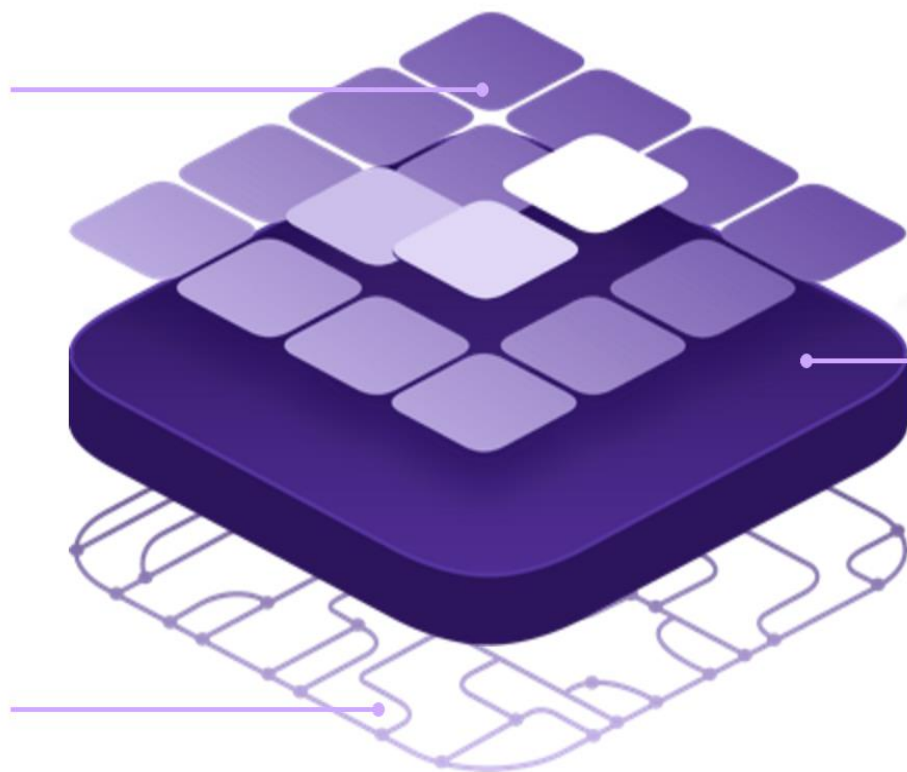
# What is DC/OS & Mesos

## Services & Applications

Easily deploy and run datacenter-wide app services such as Docker, Cassandra, and Spark pooled on a single platform

## Run Anywhere

Bare-metal, virtual, cloud or hybrid  
- DC/OS runs on it all - only requirement is a modern Linux distro; Windows support coming soon



## DC/OS Powered by Apache Mesos

Runtime, tools and best practices built-in to simplify operations and deliver a production self-healing infrastructure

# Agenda

- Why DC/OS & Mesos China Report?
- China Ecosystem
- What is China familiarity with Mesos Technology?
- What is China familiarity with DC/OS Technology?
- Why choose DC/OS & Mesos?
- For those evaluating or using Mesos, what is the top challenge you have experienced adopting Mesos?
- Users & Players Involvement
- Nodes Report
- Version Report
- Resources Report
- Frameworks Report
- Usage Trend
- Revenue Forecast
- Analysis on K8S/OpenStack



# Why DC/OS&Mesos China Report?

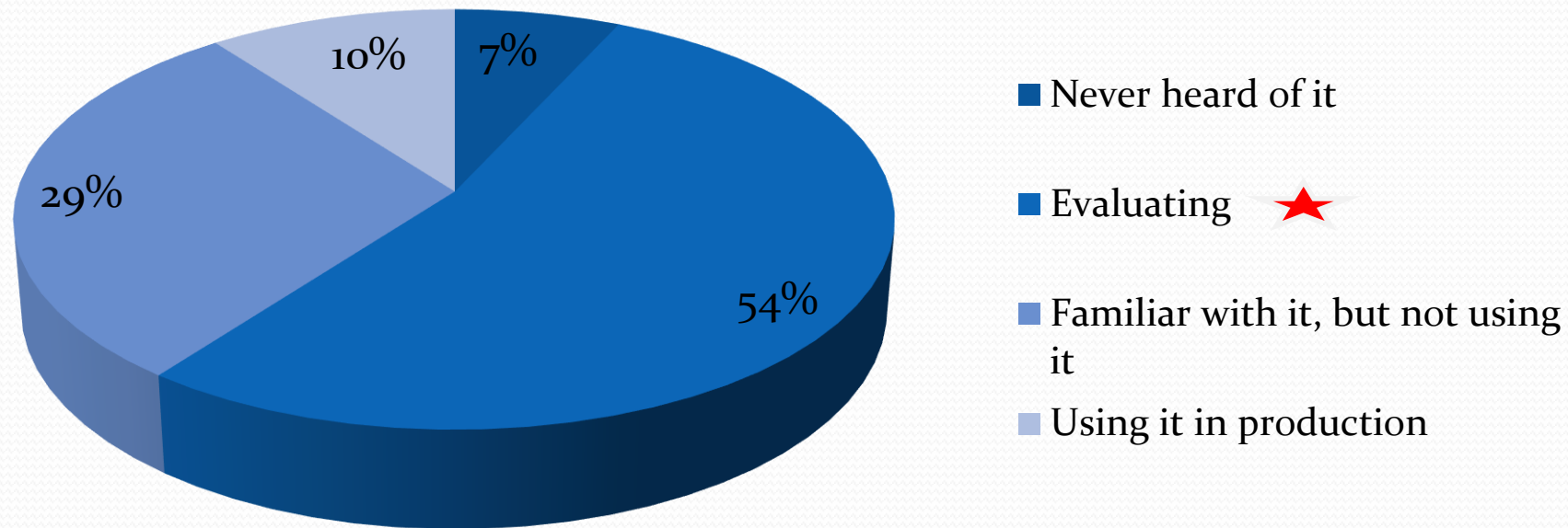
- The open source Apache License, Mesos, has come a long way since being developed at the [University of California, Berkeley](#). It has been adopted by several large software companies, including Twitter, Airbnb and Apple. At least 60 organizations currently use Mesos in WW. However, with all of its recent successes and news in China, there are still unknown and ambiguous that surround Mesos adoption and usage that are worth reporting. DC/OS is getting noticed, However there are still no report to track this in China. Its worth reporting too. Our major purpose is to analyze & promote both DC/OS & Mesos communities in China.
- Thankful for all of participants in China.

# China Ecosystem



# What is China familiarity with Mesos Technology?

Domain %(n>900)



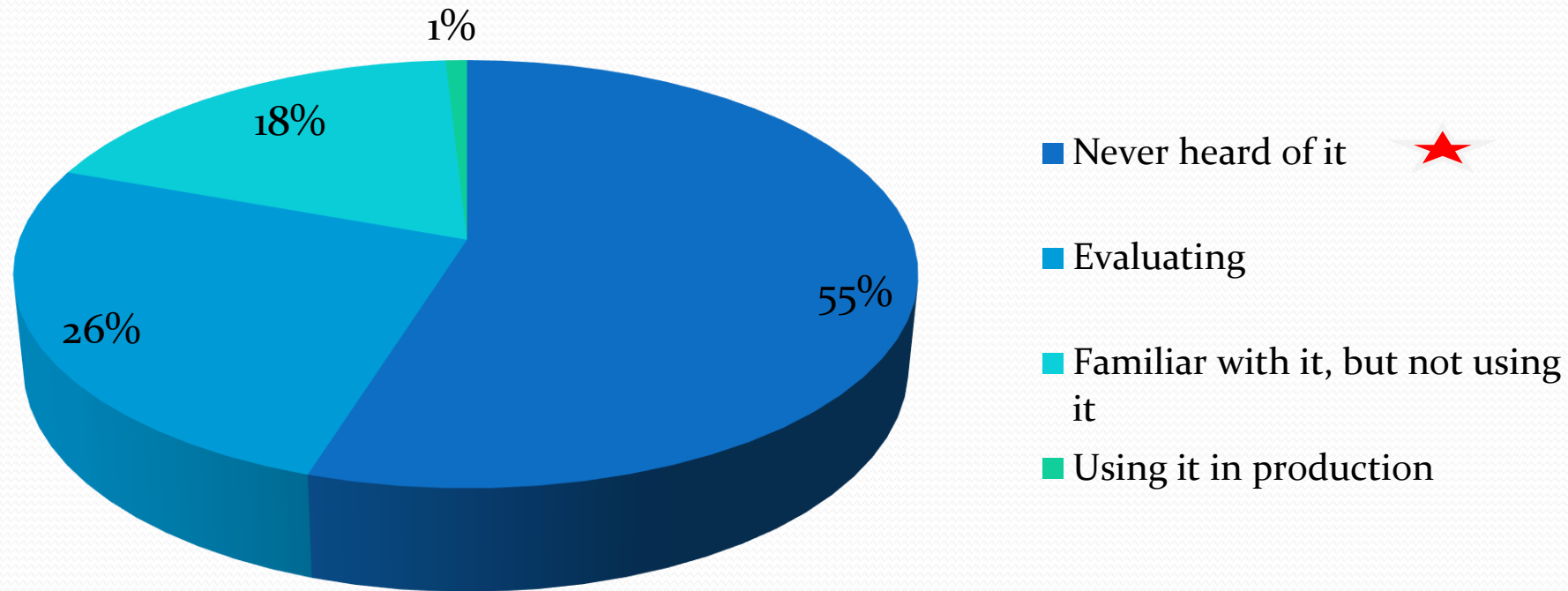
## Highlights:

- The survey was asked of a general cloud audience and virtualization/containerization in vertical industries, rather than focusing specifically on existing Mesos users in order to get a complete understanding.
- With 900+ survey responses, it became clear that Mesos has definitely become a more mature technology with increased visibility. Only about 10% of respondents had never heard of it; and another 30% were familiar with the technology, but not yet using it.

More than 50% were kicking the evaluating it, and around 10% were using it in production

# What is China familiarity with DC/OS Technology?

Domain %(n>900)



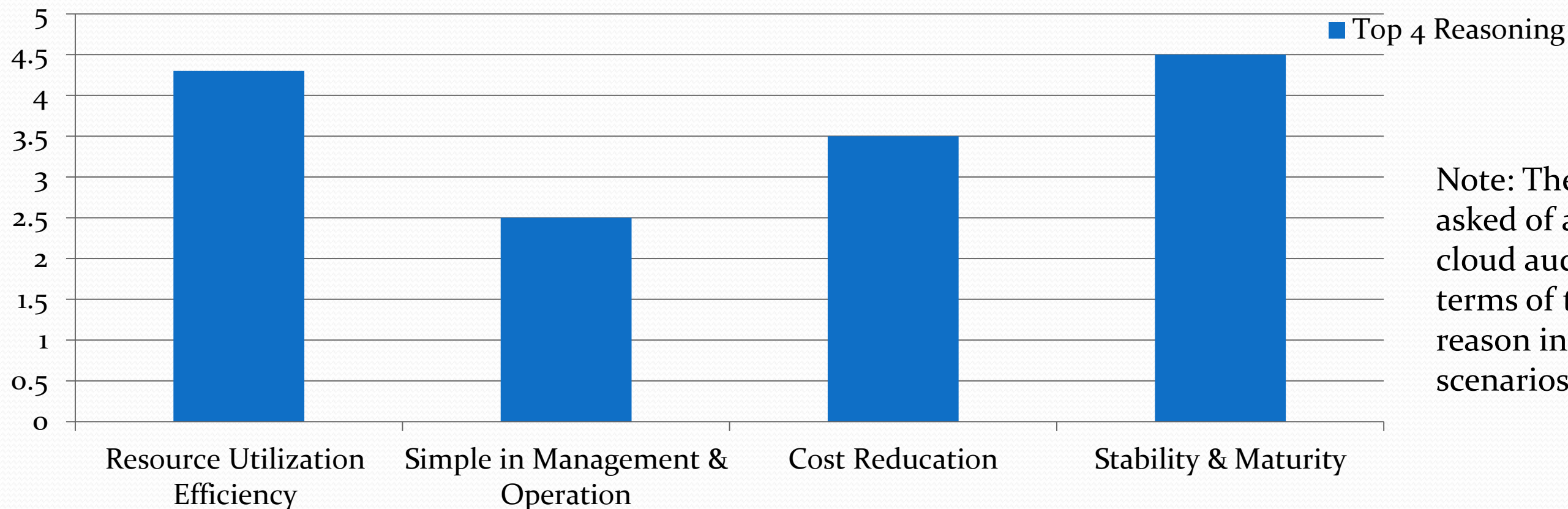
## Highlights:

- The survey was asked of a general cloud audience and virtualization/containerization in vertical industries, rather than focusing specifically on existing Mesos users in order to get a complete understanding.
- With 900+ survey responses, it became clear that DC/OS is still in invisibility with more than 55%;
- And around 20% were familiar with the technology, but not yet using it. \*Too heavy
- Only 26% were kicking the evaluating it, and less than 5% were using it in production



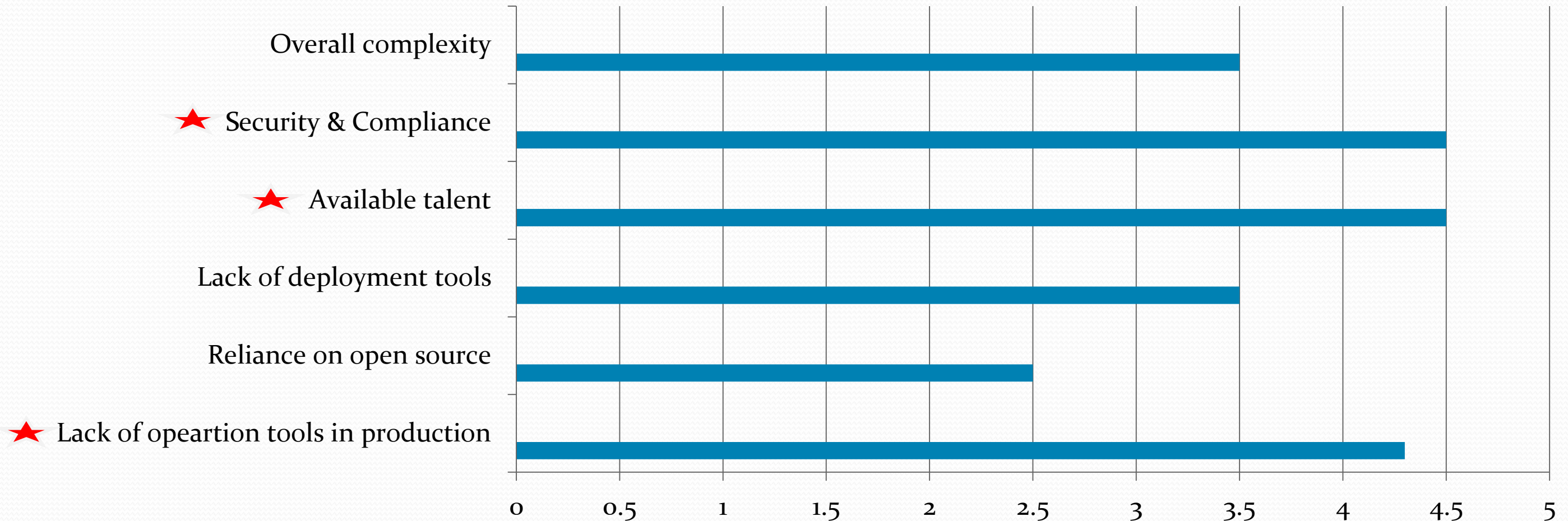
# Why choose DC/OS & Mesos

## Top 4 Reasoning



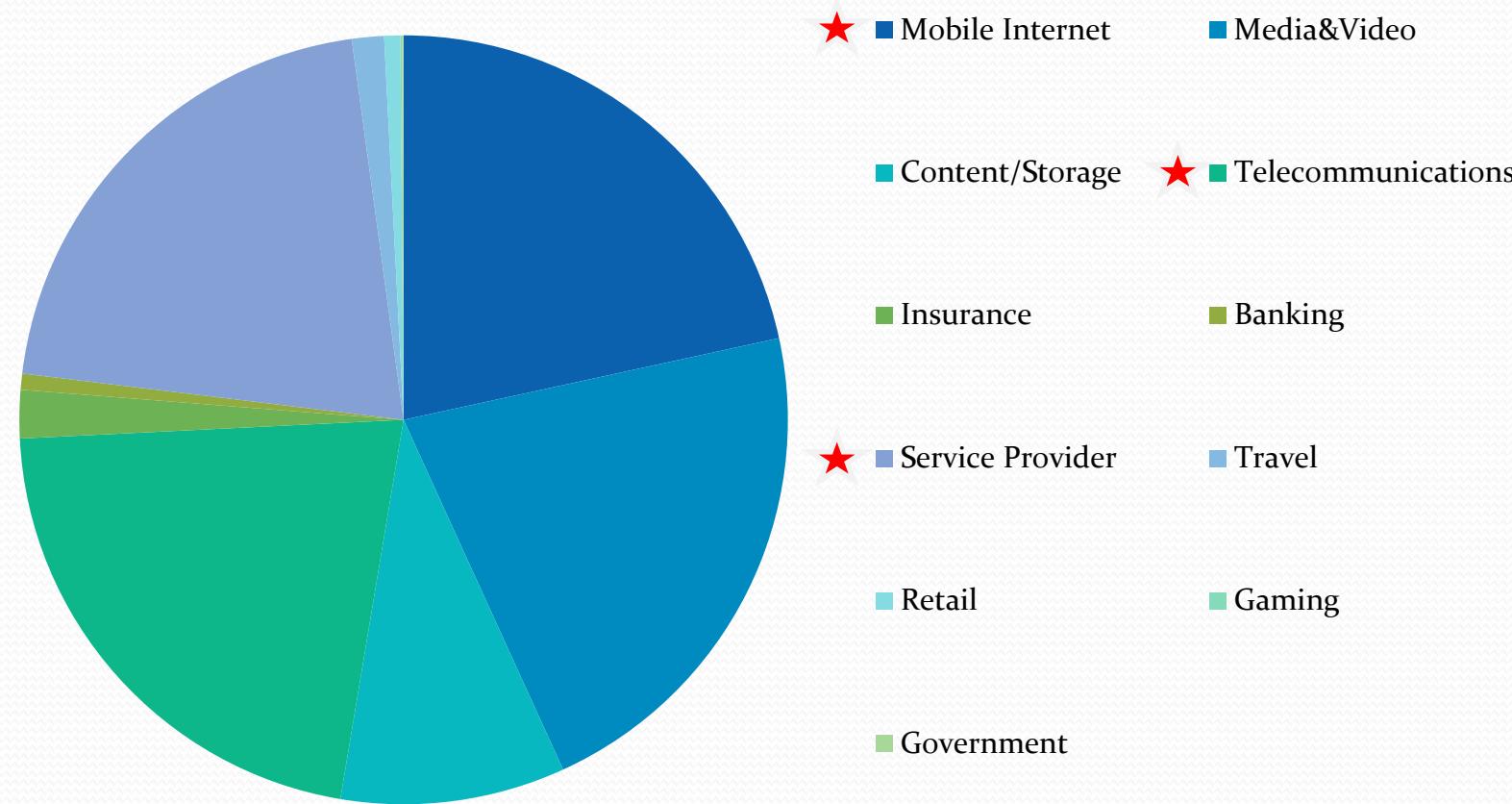
Note: The survey was asked of a general cloud audience in terms of the major reason in real scenarios

# what is the top challenge you have experienced adopting Mesos?



# Users & Players Involvement

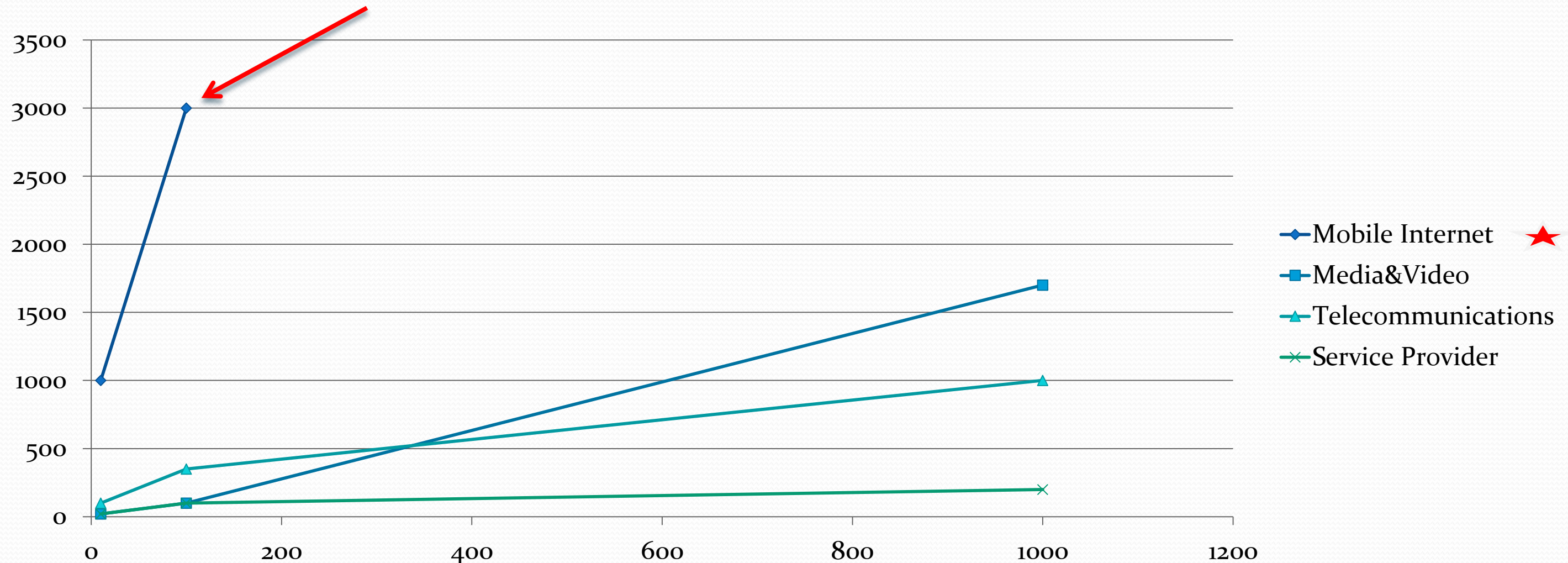
Vertical



Note: Around 70% in BJ

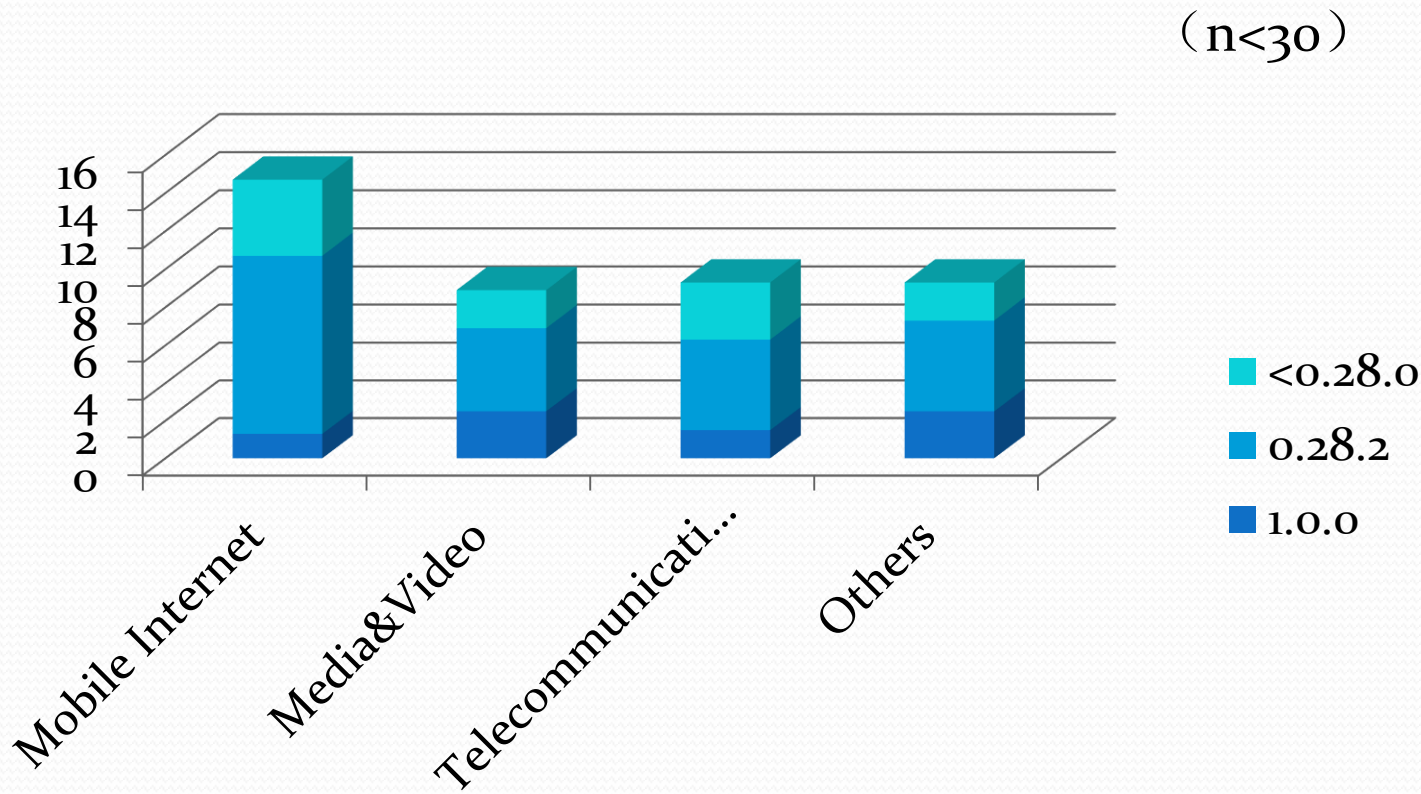
Beijing	China Unicom	联通
Beijing	CMCC	移动
Beijing	China Telecom	电信
Beijing	Dataman	数人云
Beijing	AsiaInfo	亚信科技
Beijing	BONC	东方国信公司
Beijing	IBM	IBM
Beijing	Alauda.cn	北京凌云雀科
Beijing	Cisco	思科
Beijing	Microsoft	微软
Beijing	Sina Blog	新浪微博
Beijing	iQIYI	爱奇艺
beijing	MI	小米科技
Beijing	Douban	豆瓣网
Beijing	Dangdang	当当网
beijing	Qunar	去哪儿
Beijing	CMBC	民生银行
Beijing	Letv	乐视
Guangzhou	Vipshop	唯品会
Hangzhou	Upyun	又拍云
Shanghai	CPIC	太平洋保险
Shanghai	DNT	天玑
Shanghai	Bilibili	哔哩哔哩
Shanghai	Pudong Development Bank	浦发银行
Shanghai	Ctrip	携程
Shenzhen	Huawei	华为
Suzhou	LY	同程旅游

# Nodes Report

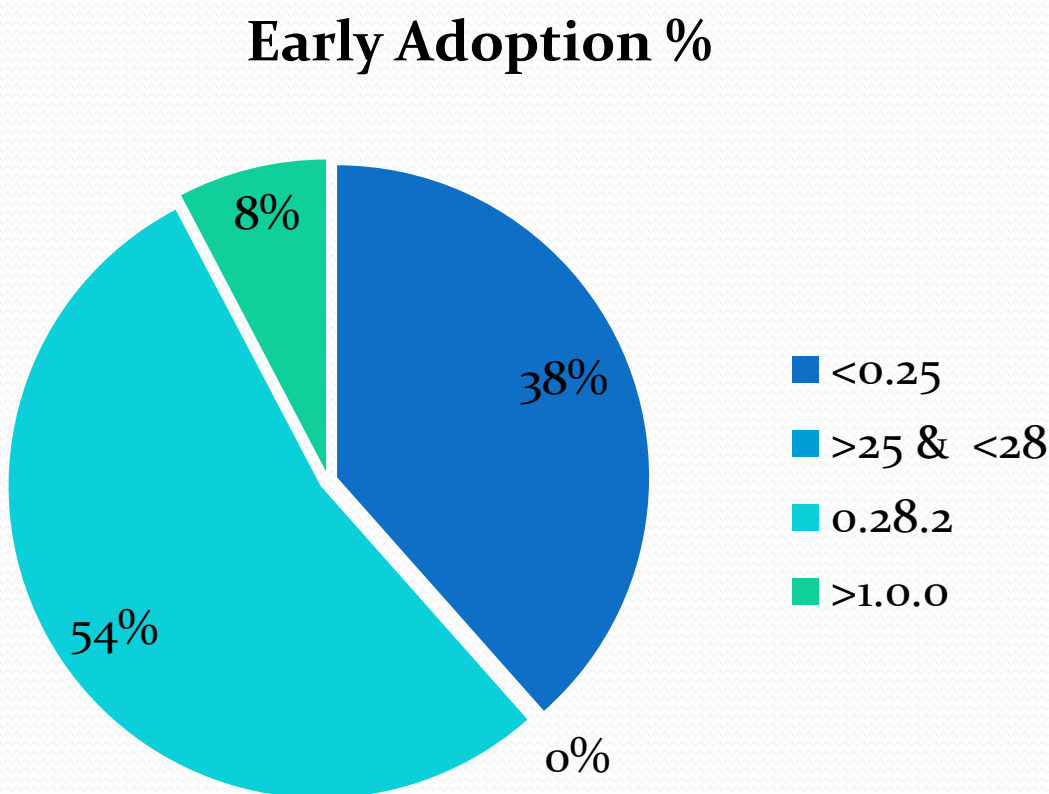




# Version Report

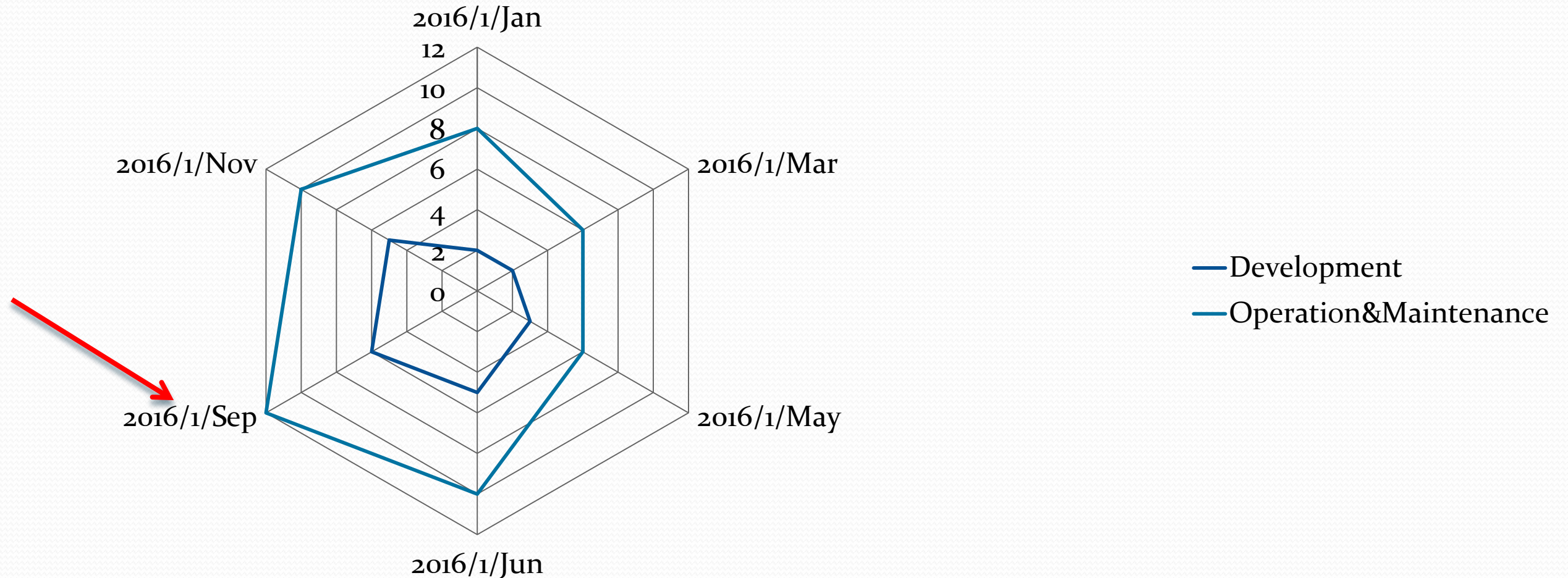


Note: New Player

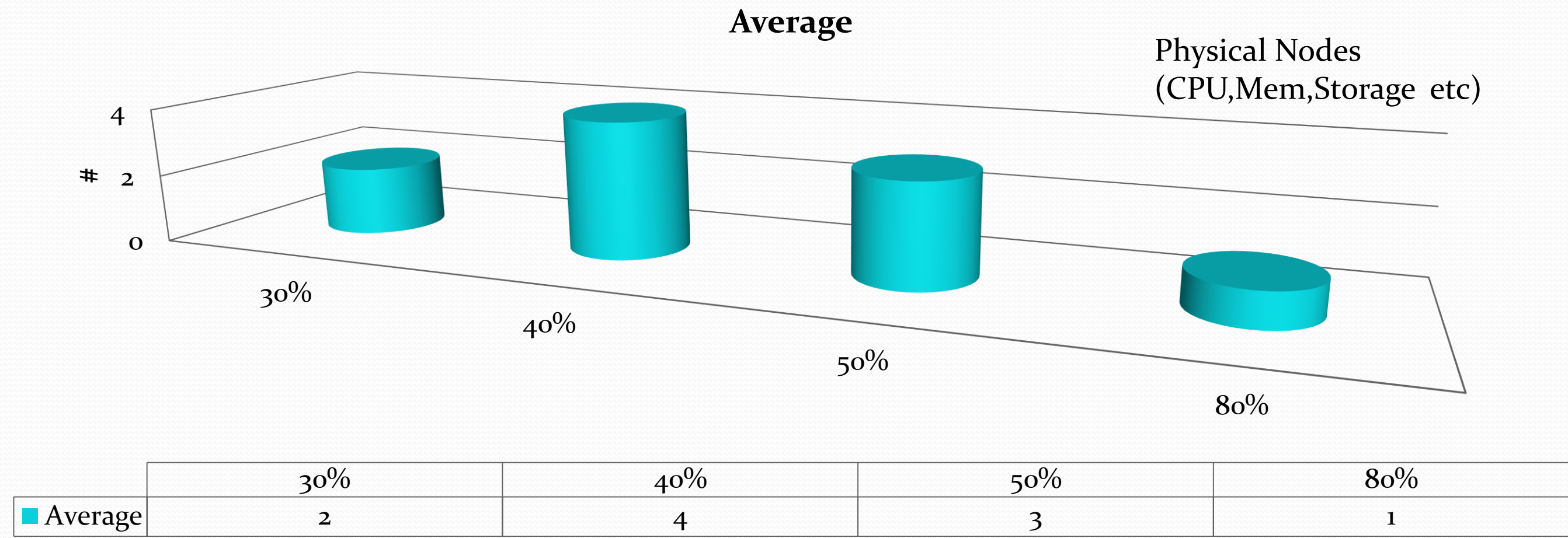


Note: Early Player

# Resources Report

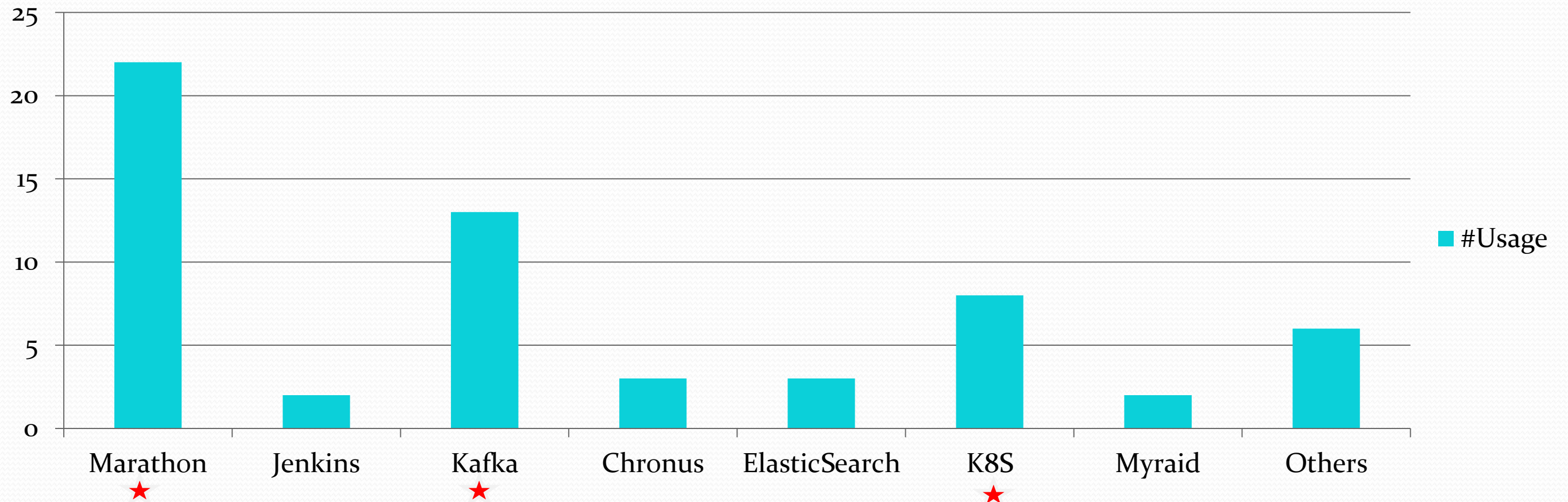


# Resource Utilization %



# Frameworks Report

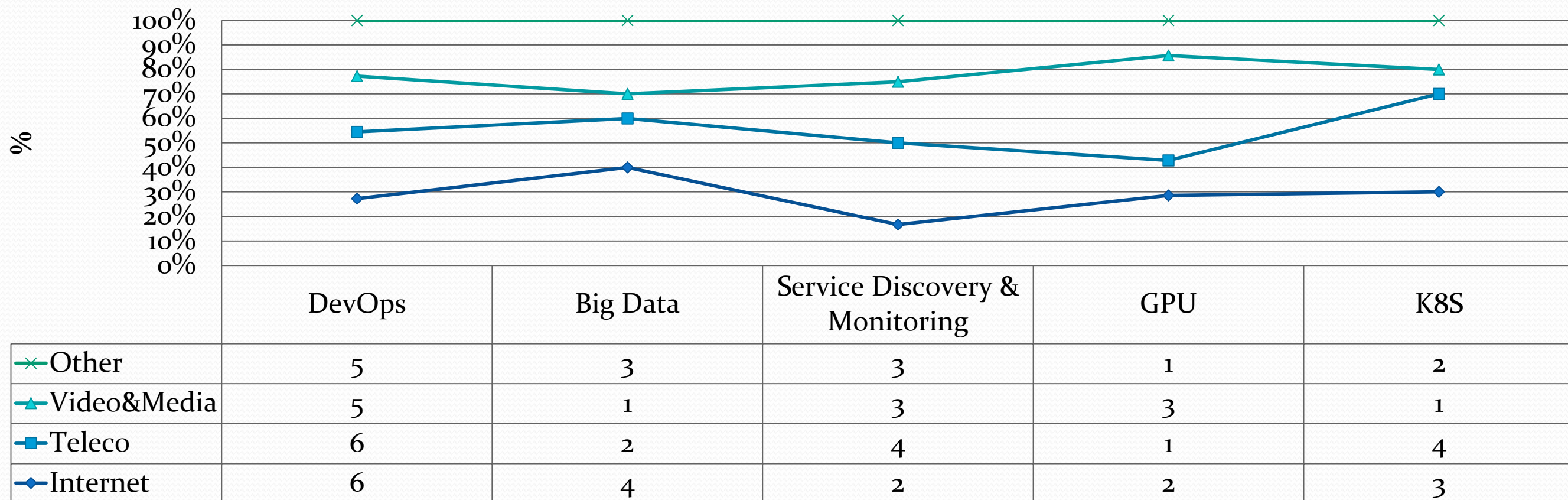
#Usage(n=25)





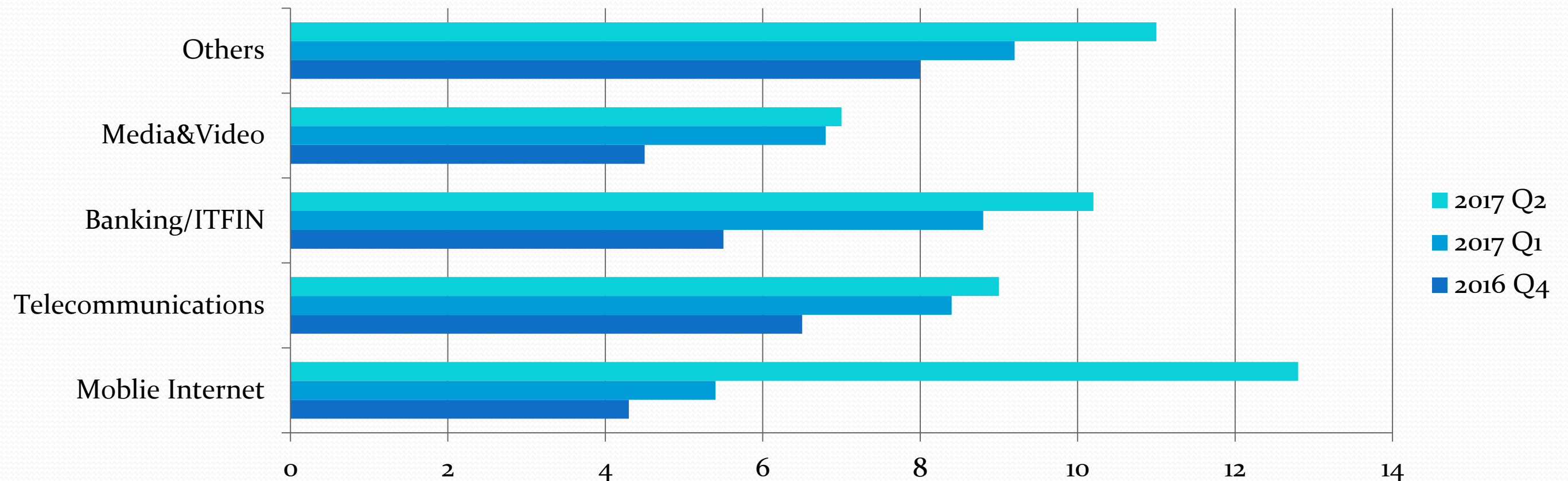
# Usage Trend

Average



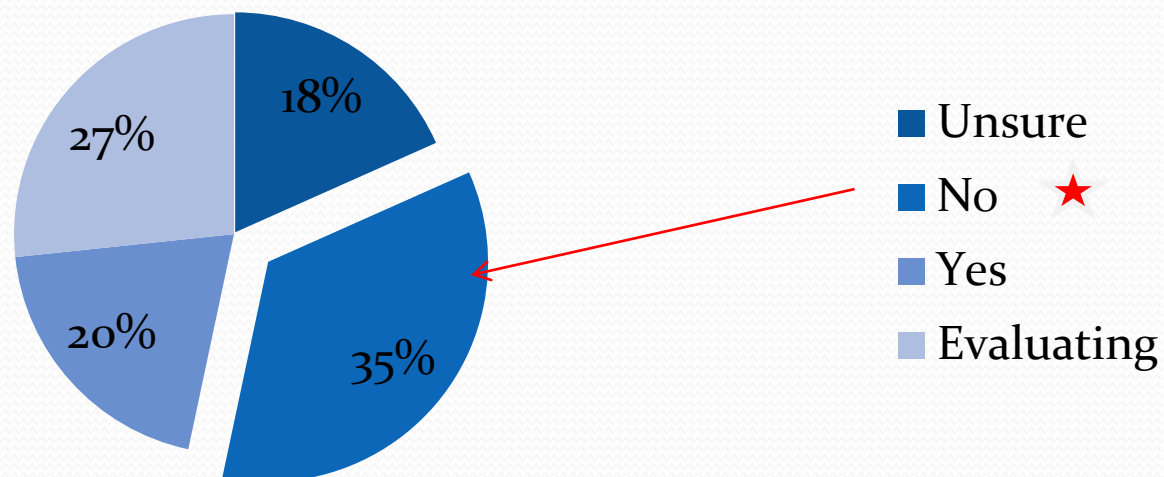
# Revenue Forecast

( Unit= 0.1B RMB )

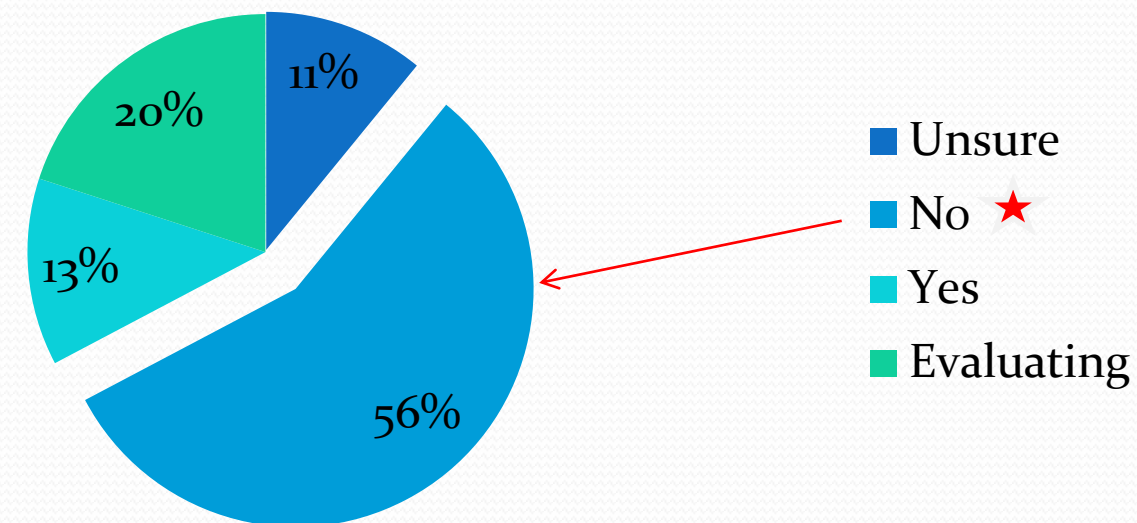


# Analysis on K8S/OpenStack

K8S



OpenStack



# Welcome to DC/OS & Mesos China Community



DC/OS



Apache  
MESOS™



Sam

Palo Alto City, United States



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