IT-Strategy @FINN.no

Jo Odland

7. mars 2017

A STRATEGY GIVES
DIRECTION

https://www.flickr.com/photos/tambako/4598642399

Write something that will be READ

A STRATEGY GIVES YOU MANAGEMENT SUPPORT

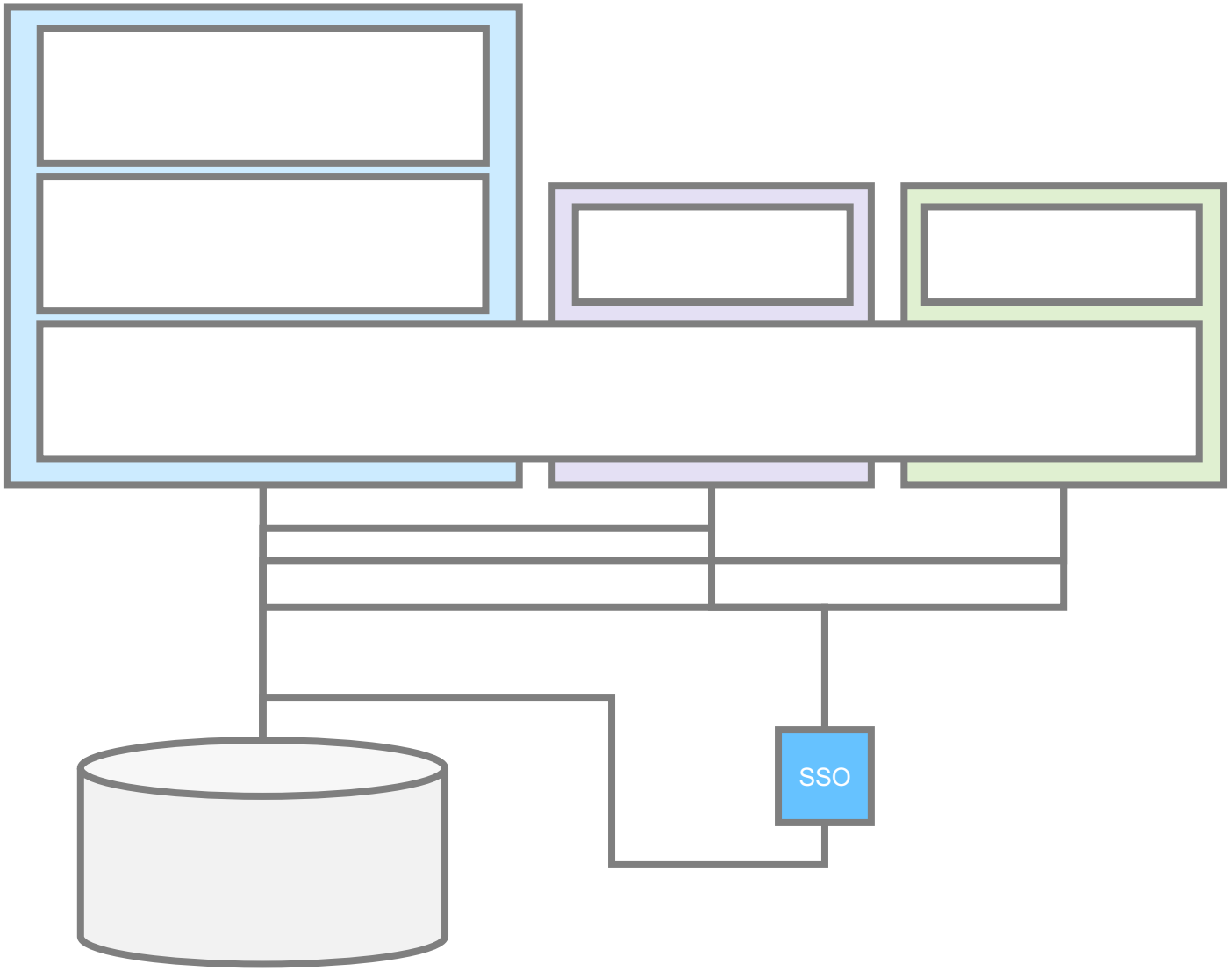
https://www.flickr.com/photos/adrianruiz/272775963

AN ACTIVE STRATEGY
GETS THINGS
DONE

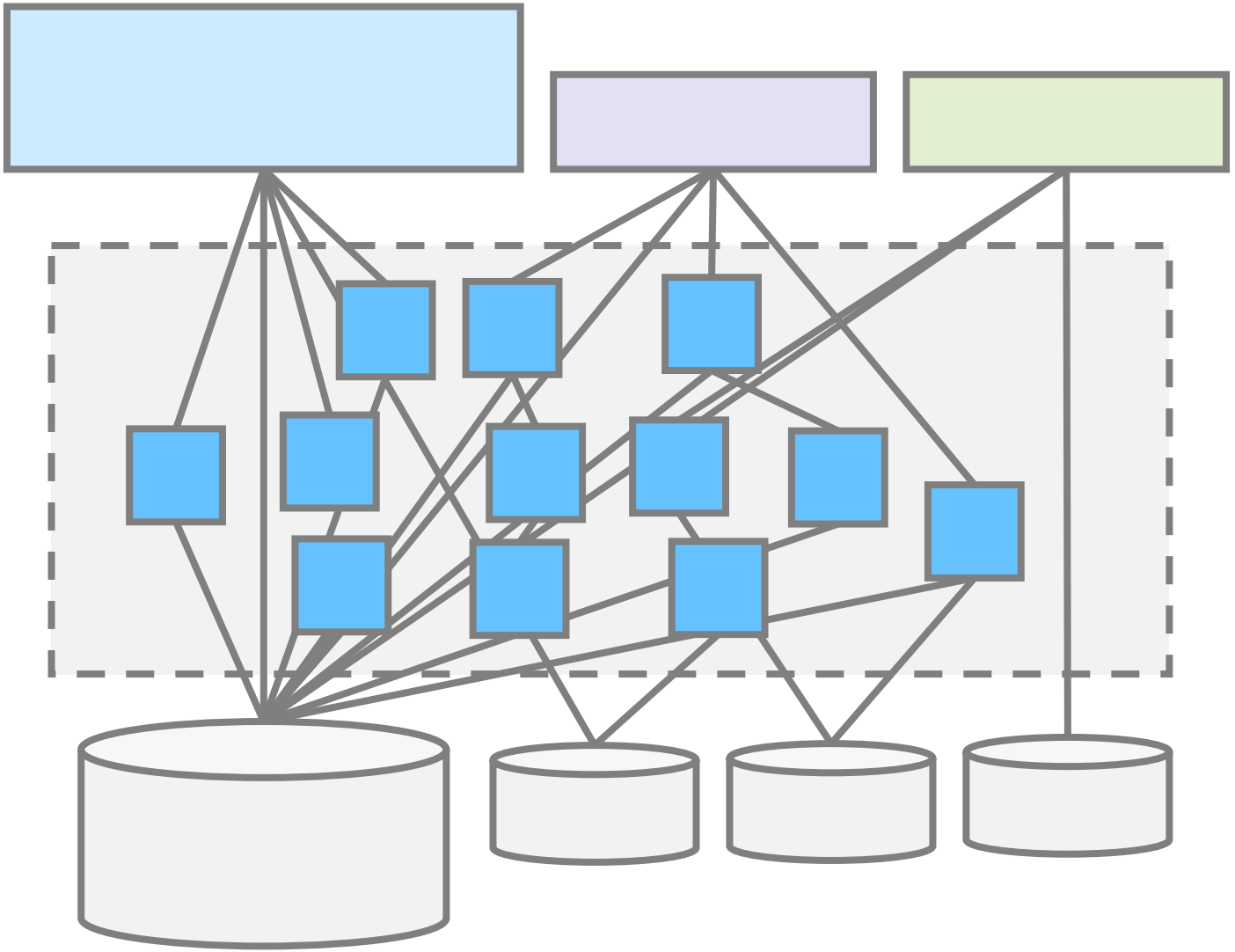
THE 1ST RESULTED IN A MICROSERVICE EXPLOSION

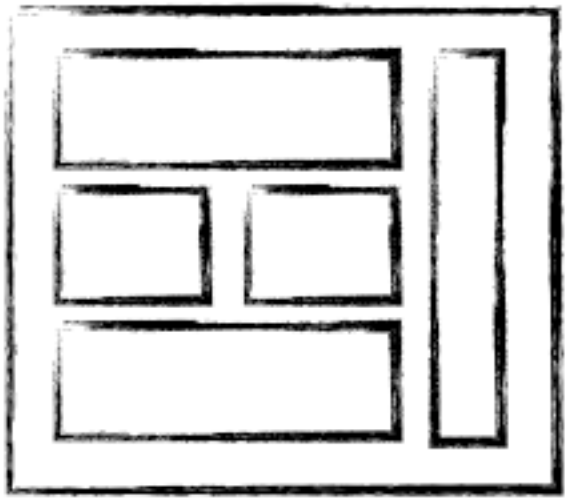
Tiltak 2
Standardiserte rammeverk

FINN.NO (2009) – FIRST MICROSERVICE

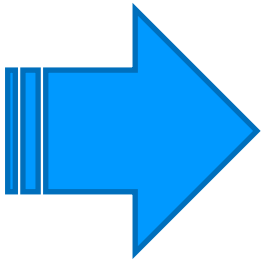


FINN.NO (2015) – DISTRIBUTED MONOLITH?





MONOLITHIC/LAYERED



MICRO SERVICES

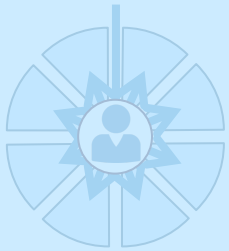
WE HAVE CHANGED THE ARCHITECTURE

NOW EVERYTHING IS EXPRESSED AS A SINGLE PAGE

FINN STRATEGY

TECHNOLOGY STRATEGY

DOMAIN CENTRIC ARCHITECTURE	EFFICIENT TEAMS	SCALABLE INFRASTRUCTURE	BUILD DATADRIVEN PRODUCTS	ONE COMPANY
FINN is partitioned into a set of autonomous domains, together forming a user centric experience	We achieve stability and efficiency through autonomous and fully accountable teams.	finn.no runs on a self-served, flexible and scalable infrastructure.	Build great data driven products and support Schibsted ecosystem strategy, while safeguarding our users privacy	We actively contribute to common objectives, tools and services. We align our organisation with global tech.



TECHNOLOGY CULTURE WITH OPENNESS AND TOLERANCE

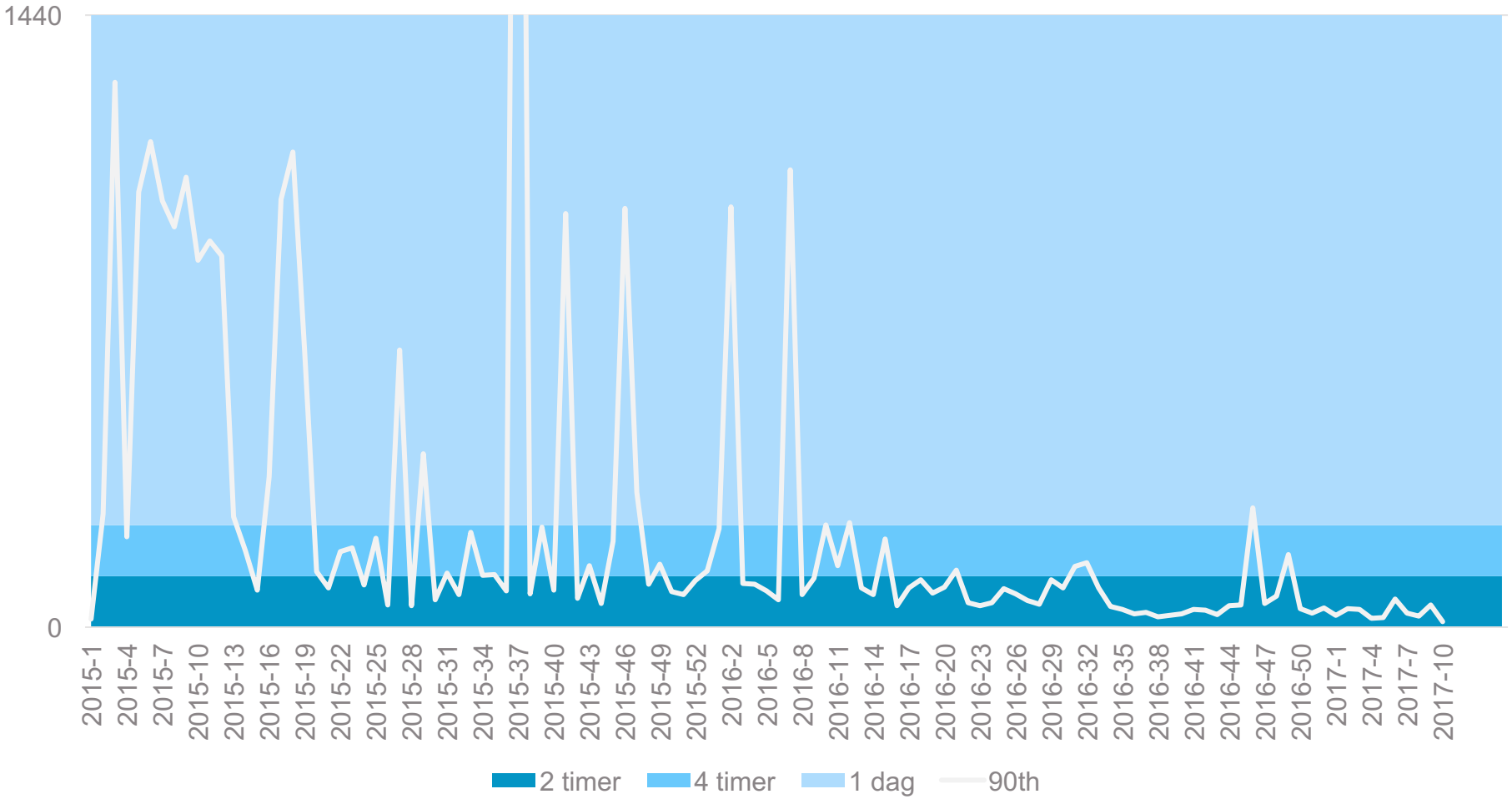
We have a developer driven technology culture with very competent and motivated employees.

Scalable Infrastructure

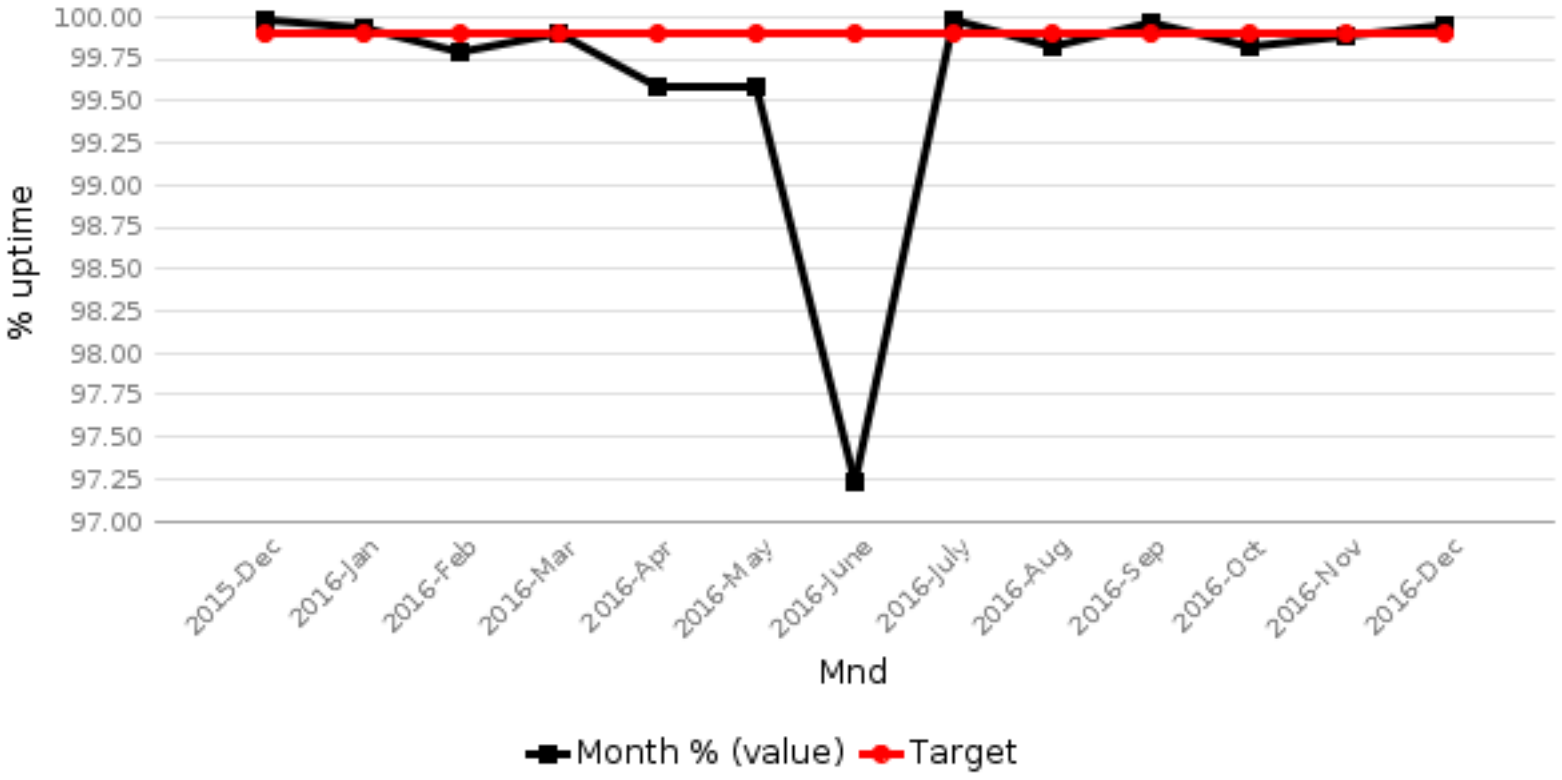
finn.no runs on a self-served, flexible and scalable infrastructure		
	Objectives	**KPIs**
I1	All applications runs on a flexible and scalable infrastructure based on a cloud/container platform. All applications should be possible to scale individually.	• Number of applications running on FIaaS • Uptime finn.no > 99,9
I2	Infrastructure is self-serviced. There exists tools for common problems like log-aggregation, monitoring and alerts. Developers should be able to scale run-time resources up and down by themselves.	• Number of requests to ops@finn.no
I3	Developers have access to great tools and services to enable autonomous teams and high availability. The teams should know how much they are spending on infrastructure.	• Mean/median/90th-p time to deploy • Uptime finn.no > 99,9

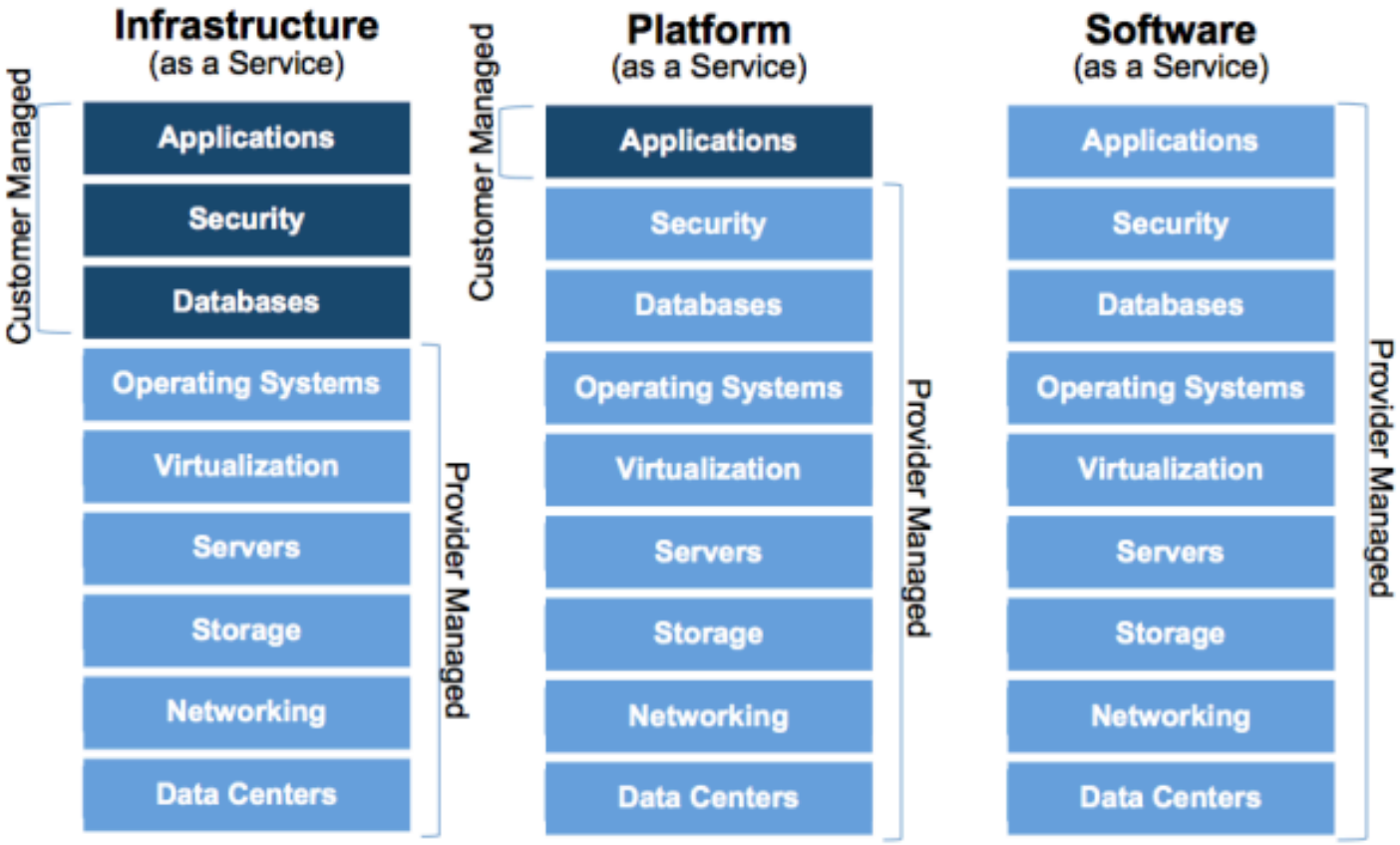
Measure To OBSERVE Change

90TH: MINUTES FROM BUILD TO VERIFY

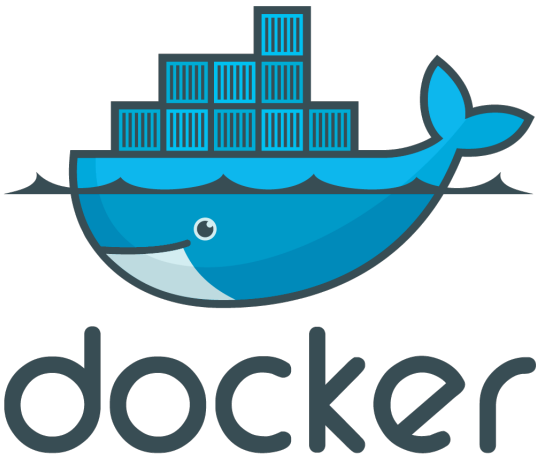


Uptime 2016


100.00
99.75
99.50
99.25
99.00
98.75
98.50
98.25
98.00
97.75
97.50
97.25
97.00
% uptime
2015-Dec
2016-Jan
2016-Feb
2016-Mar
2016-Apr
2016-May
2016-June
2016-July
2016-Aug
2016-Sep
2016-Oct
2016-Nov
2016-Dec
Mnd
Month % (value)
Target

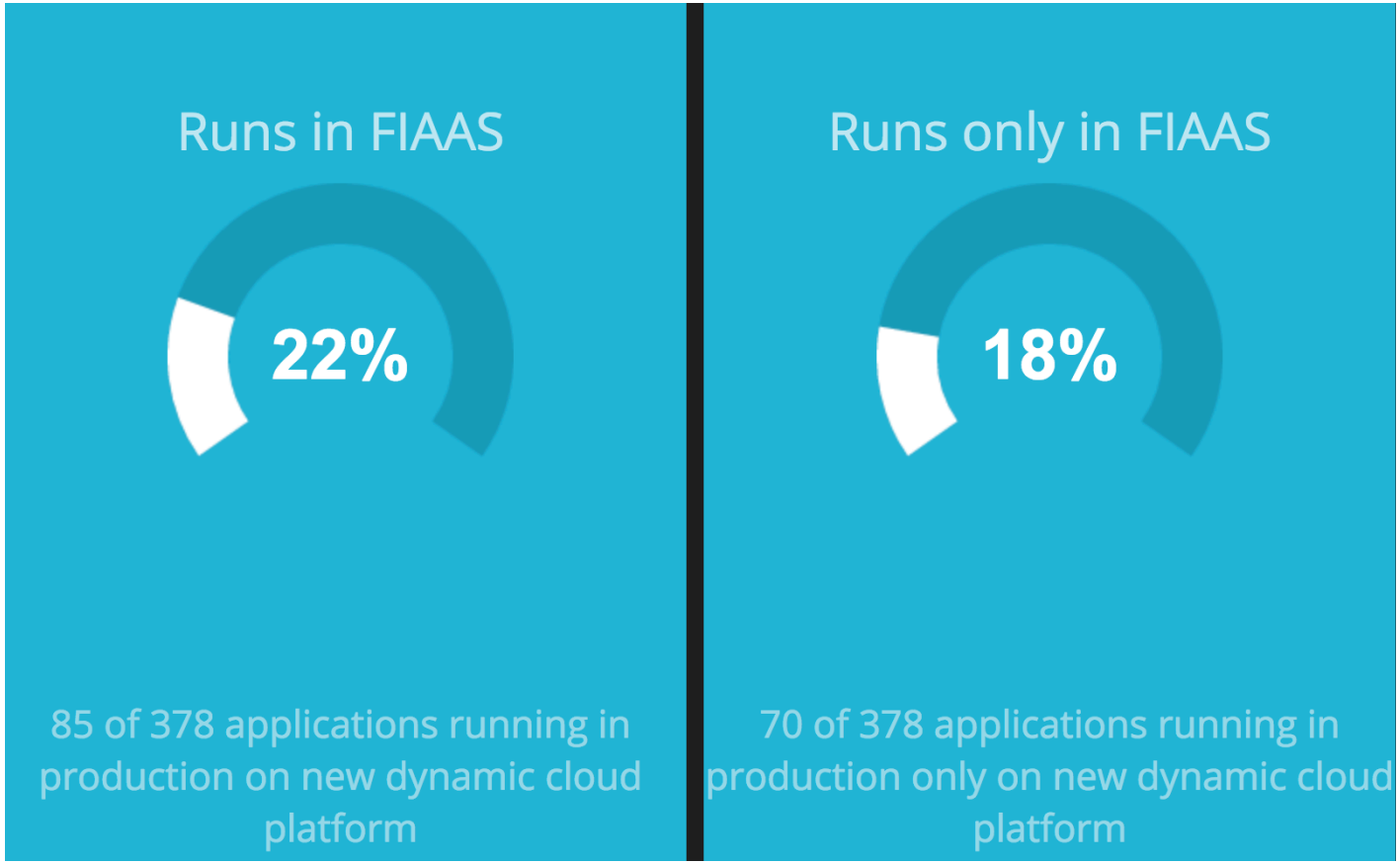


WE WANT «EVERYTHING»-AS-A-SERVICE



kubernetes

MIGRATION TO CONTAINERS (FIAAS)



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