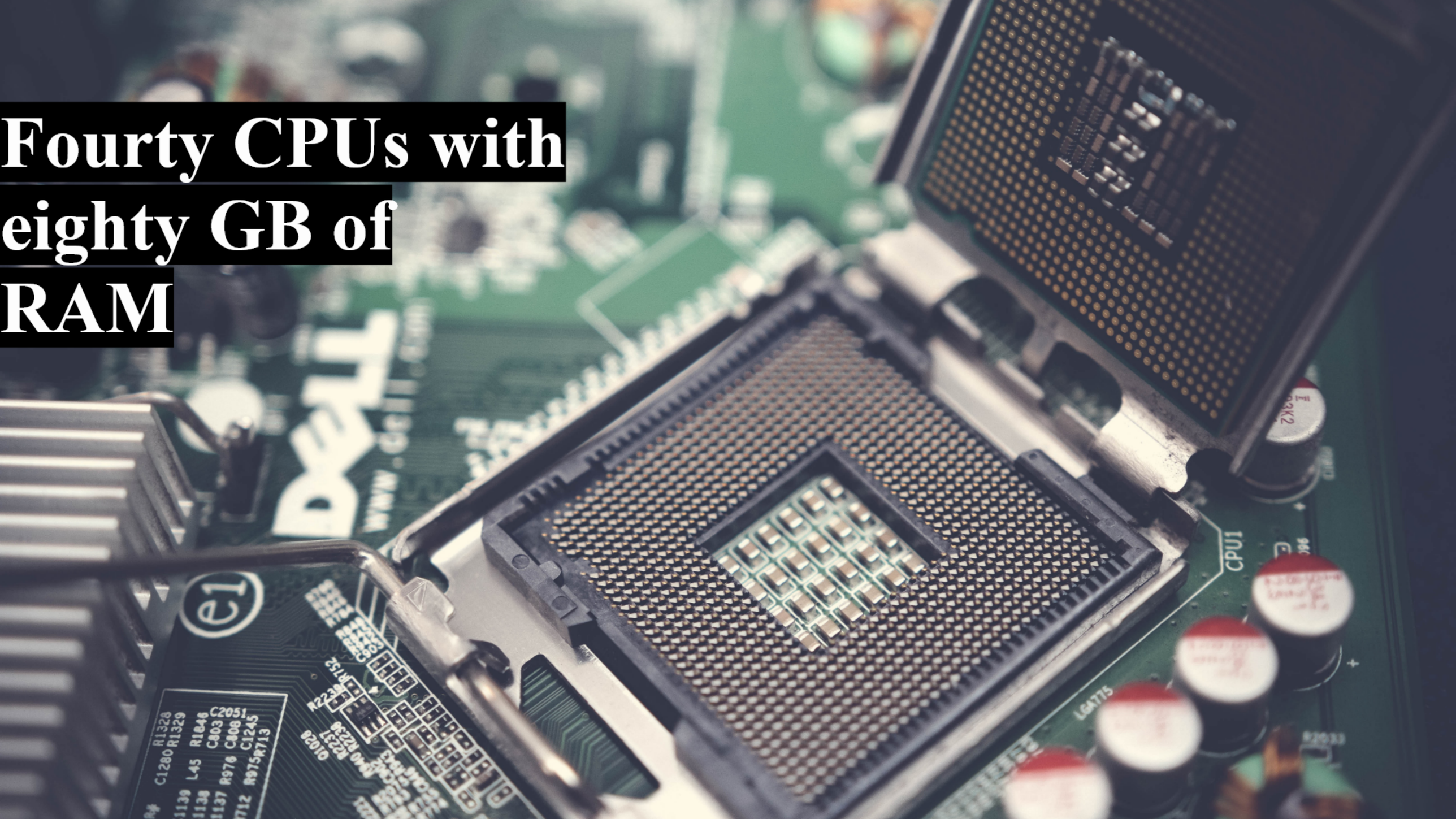
EKS cost optimization

We need a
Kubernetes
Cluster

Fourty CPUs with eighty GB of RAM

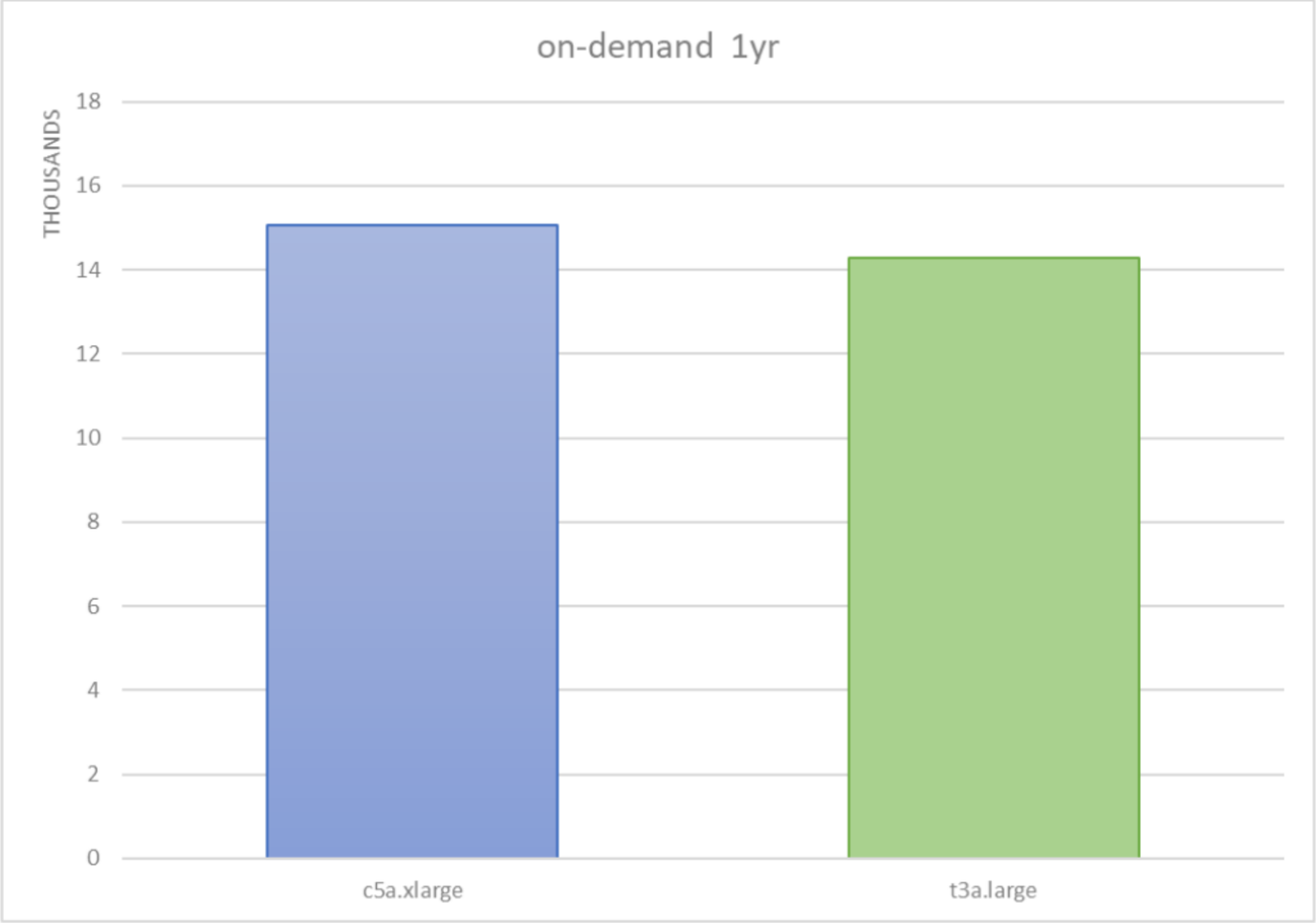


Ireland region, all numbers in dollars

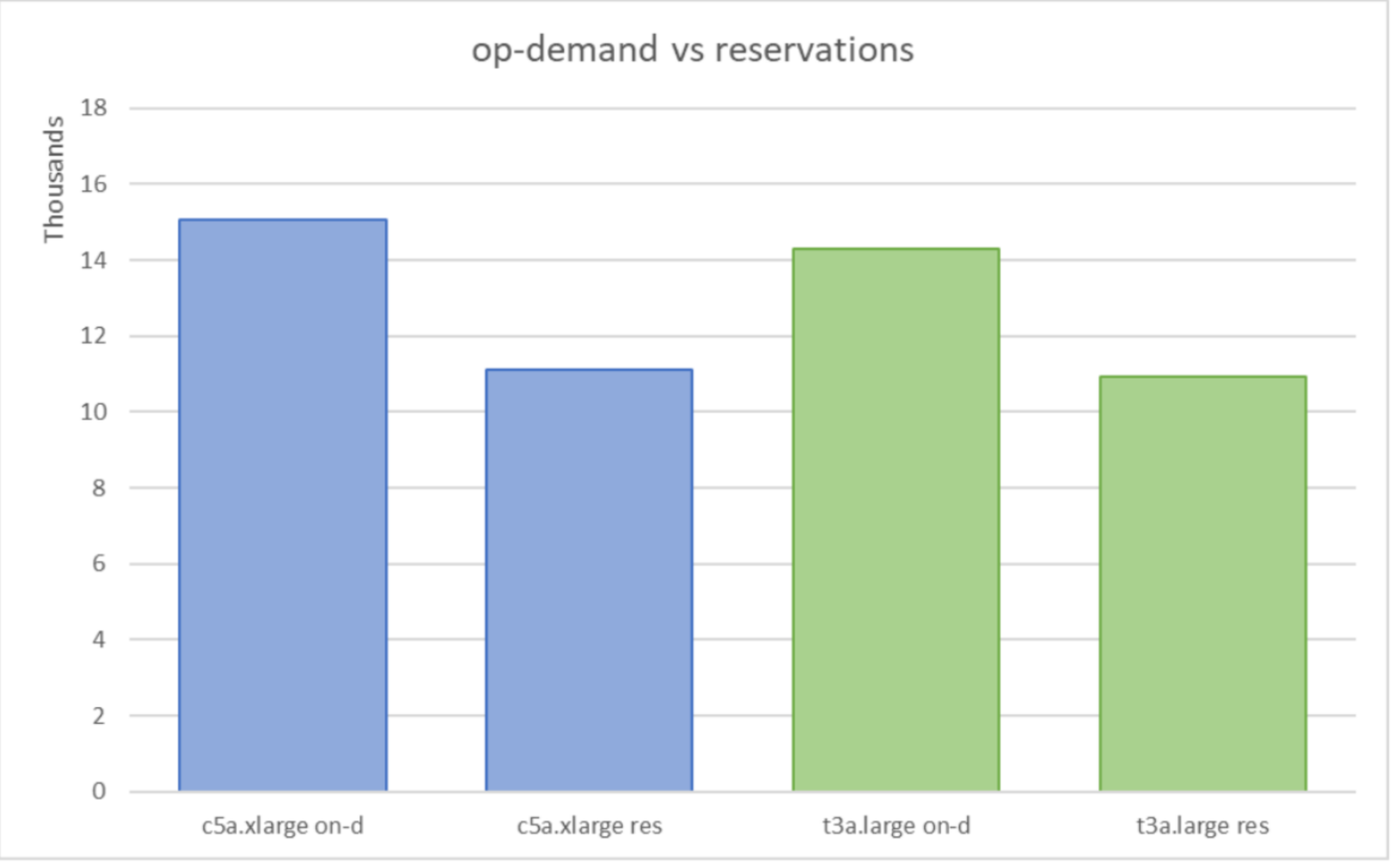
Weapons of choice

	c5a.xlarge	t3a.large
CPUs	4	2
GB of RAM	8	8
Number of instances	10	20

On demand pricing

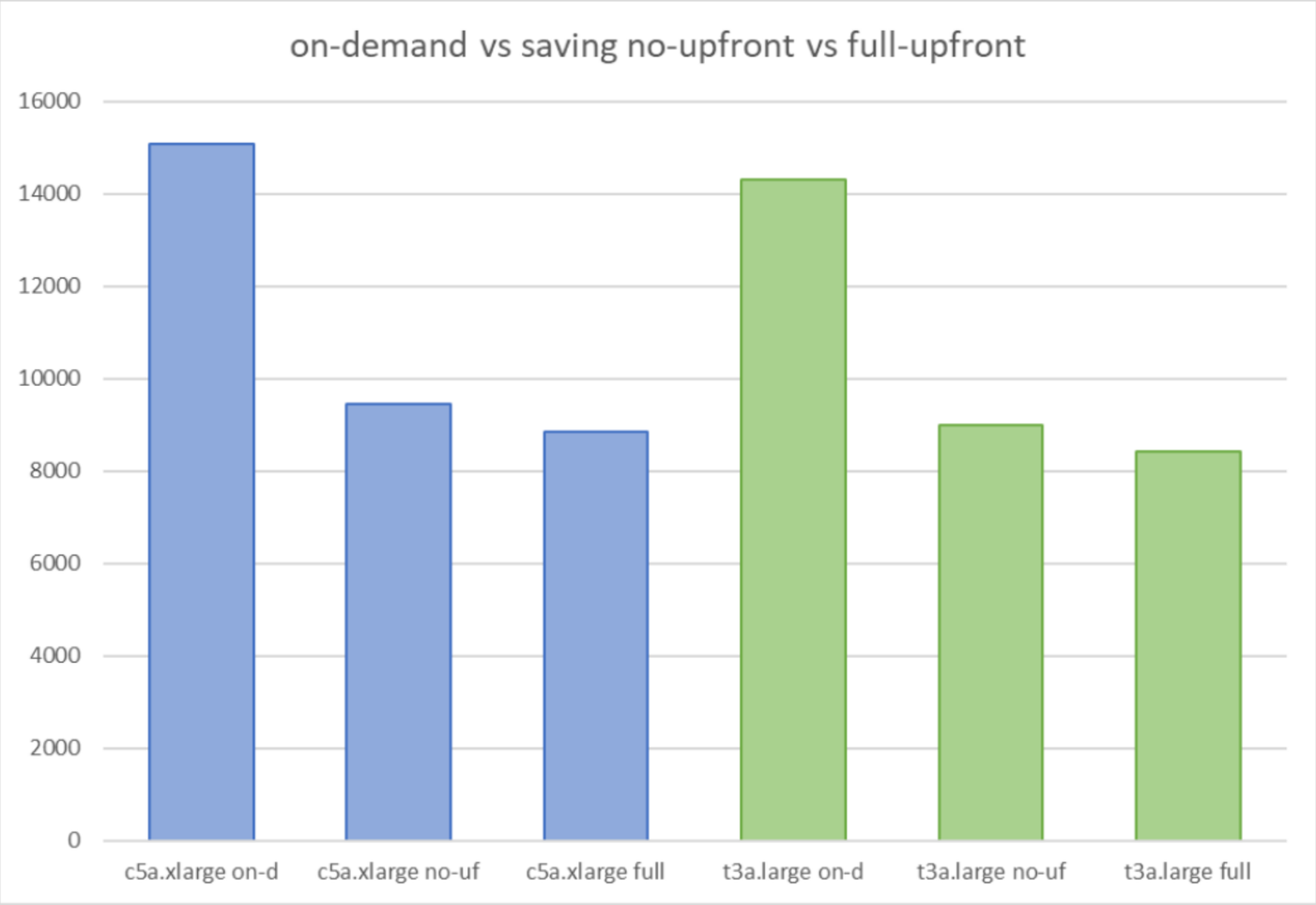


Reservations

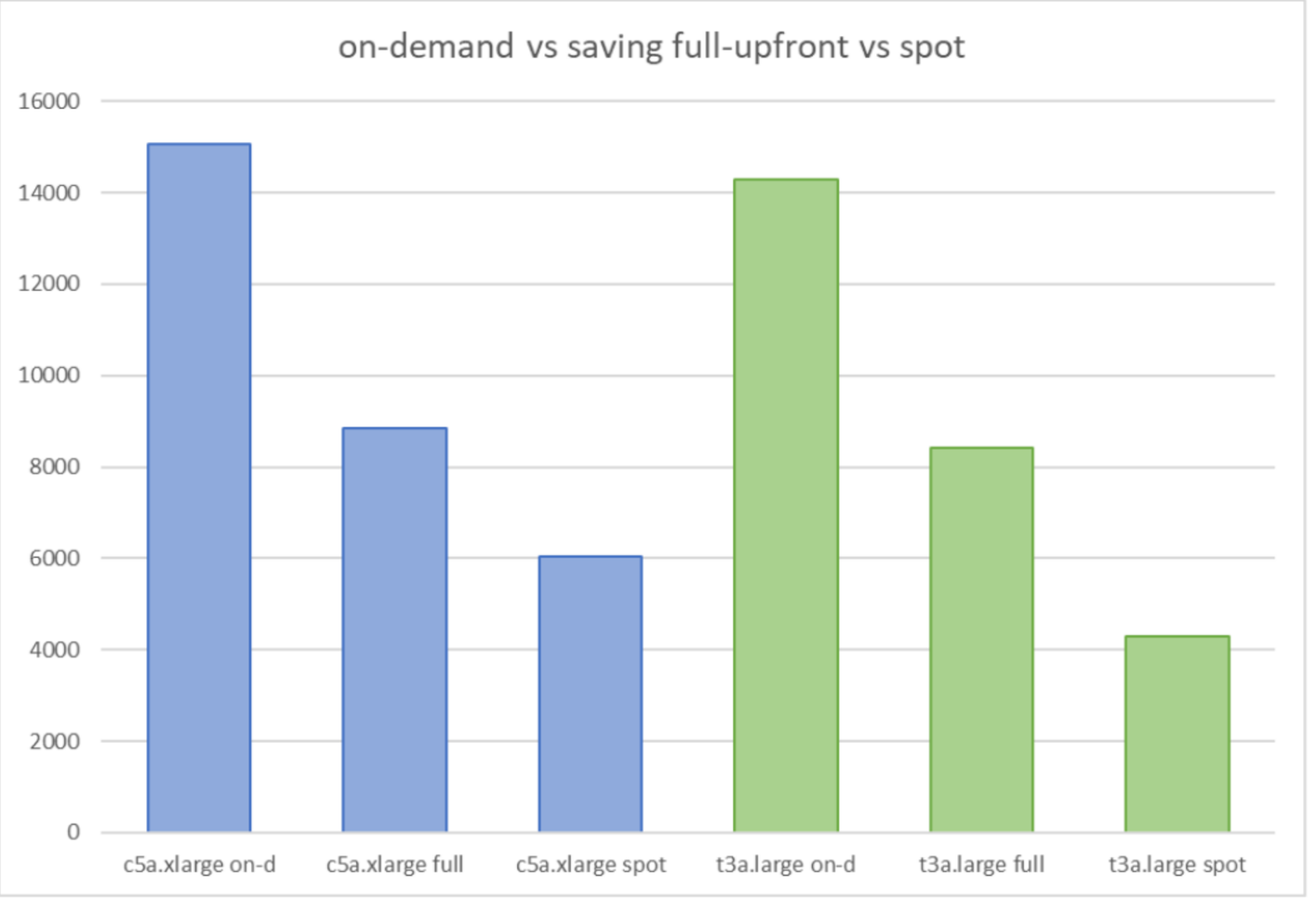


Saving plans

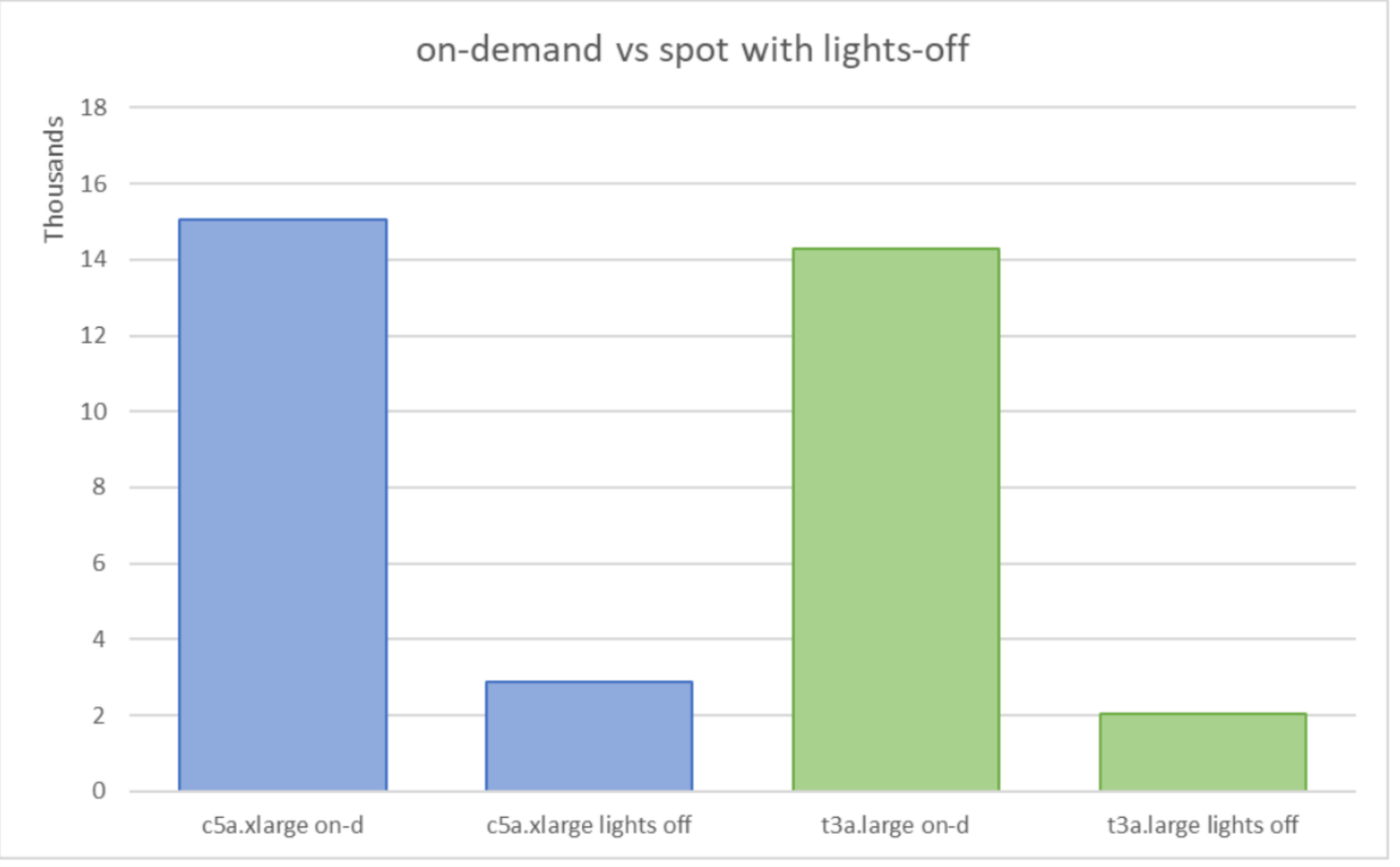
Up-front payment



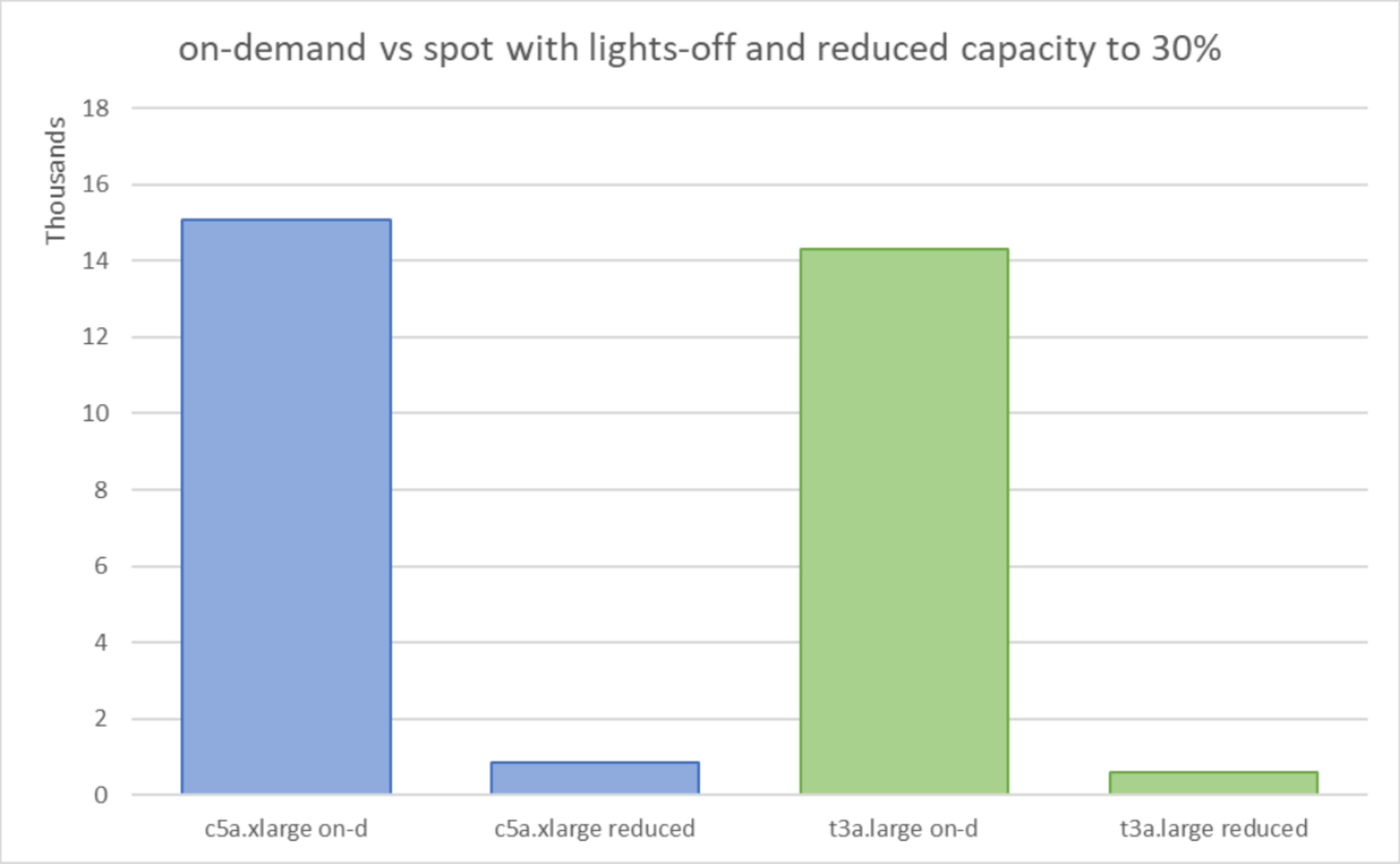
Spot instances



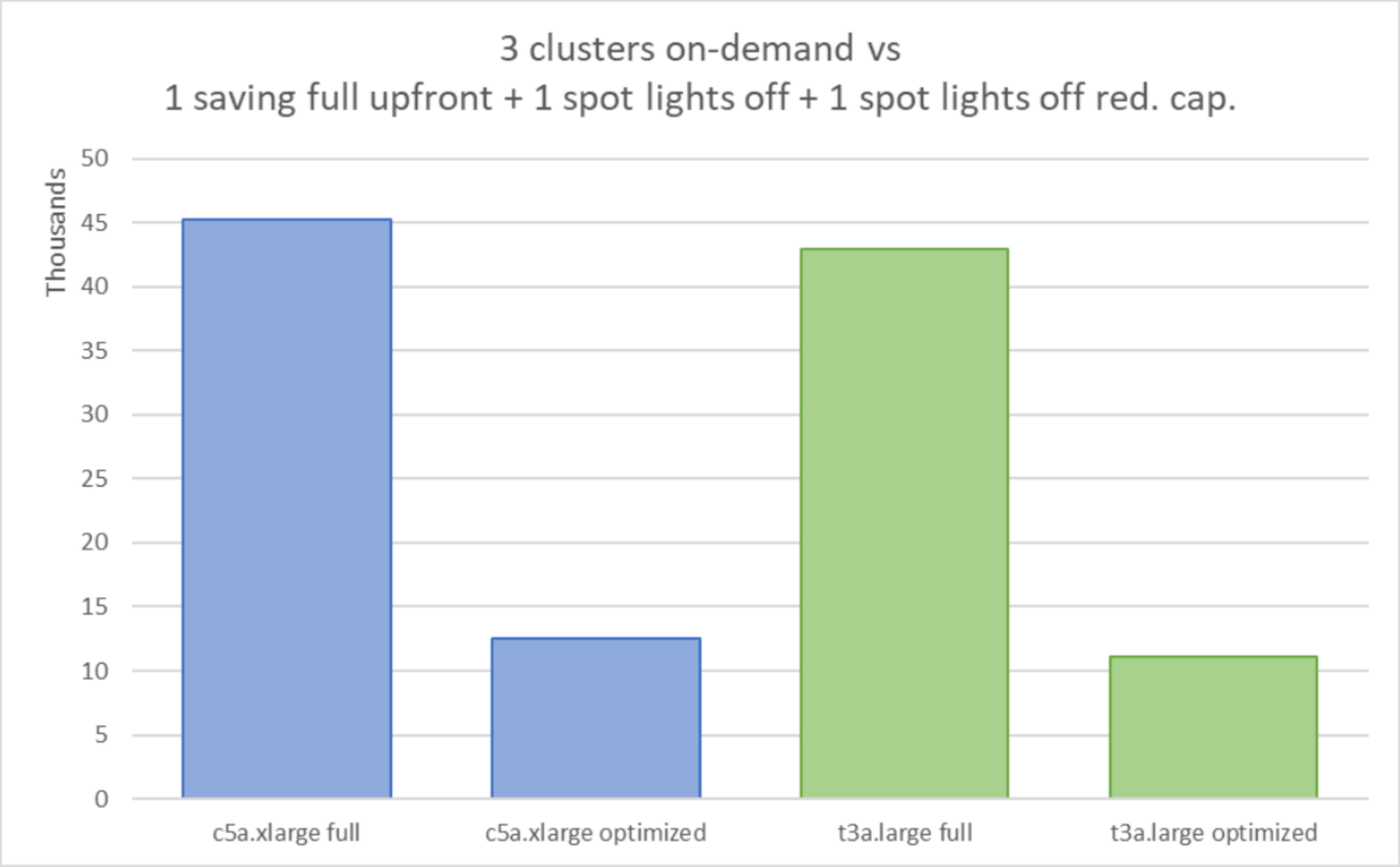
Lights off


on-demand vs spot with lights-off
Thousands
18
16
14
12
10
8
6
4
2
0
c5a.xlarge on-d
c5a.xlarge lights off
t3a.large on-d
t3a.large lights off

Partial capacity



Full price vs optimized



EKS control plane: $876 per year and cluster

EBS, networking,
load balancers...

SONG CONTEST
ROTTERDAM 2021
EUROVISION
SONG CONTEST
How much does a dev/ops costs?
MOROCCO
#VoiceForThePlanet
WWF
IL BALLO DELLA VITA
coop
GiroLoterij

Thanks