

# How to design an effective benchmarking for public and private Cloud infrastructure as a service (IaaS)?



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## We have found!

The key conclusions from the session:

- Complexity of developing an ICT benchmark model related to Cloud IaaS service due to different enterprise business processes and Cloud market offers not directly comparable
- The model aims to bring value allowing comparison between IT professionals & CIOs, but it's important to understand the limitations underneath before taking decisions based on the model
- Need to define a reference model in order to identify a KPI generally applicable related to the volume of Cloud processing resources acquired
- Opportunity to have two levels of Cloud IaaS cost benchmark analysis, one focused just on supply side (costs for HW availability and OS licences), another one that considers all IT computing infrastructure activities and costs (e.g. internal/external IT staff operations)
- A different way to apply the benchmark model has been proposed looking at similar business processes and taking into account all resources involved (HW & SW costs, services)

## What we have explored

What do we mean and what can be done with IT transformation

1. **Structure of ICT benchmark model developed by some CIO AICA Forum companies (primary KPIs, the effects, and framework KPIs, the drivers)**
2. **Structure of current Server Management benchmark analysis as a starting point to develop specific volume and cost analysis related to Public Cloud IaaS**

## What we have left open...

Some questions still remain to be addressed:

- Identification and agreement on primary and framework KPIs for volume and cost analysis for Cloud IaaS
- Definition of a reference model to measure quantities provided by the Cloud SPs independently from the market offer structures

## Convergences

What points do we share in common:

- Possibility to tailor the model to address specific industries and/or business process

## Differences

What points do we agree to disagree:

- None

# A picture is worth a thousand words

An illustration that sums up our results:

