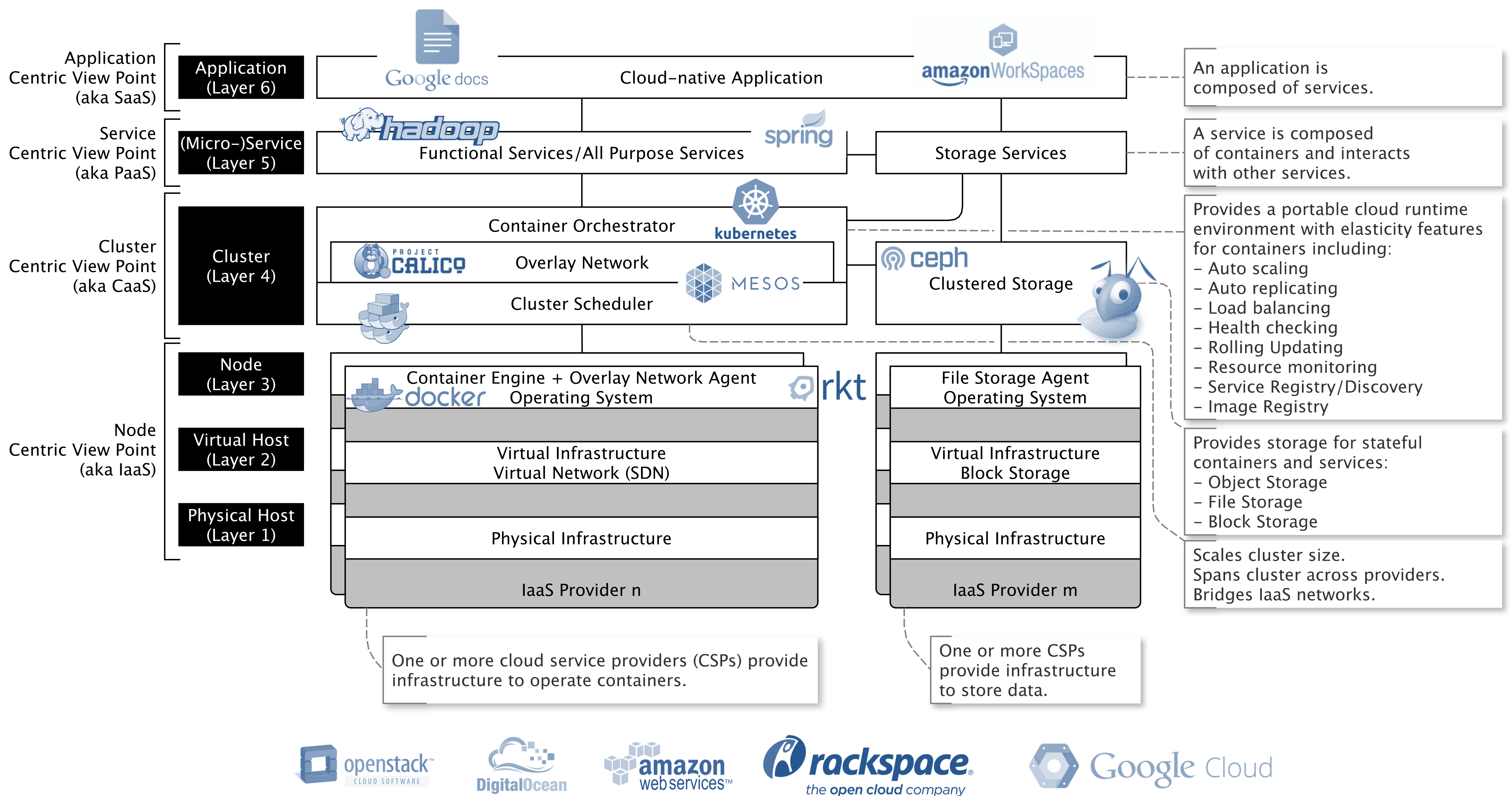
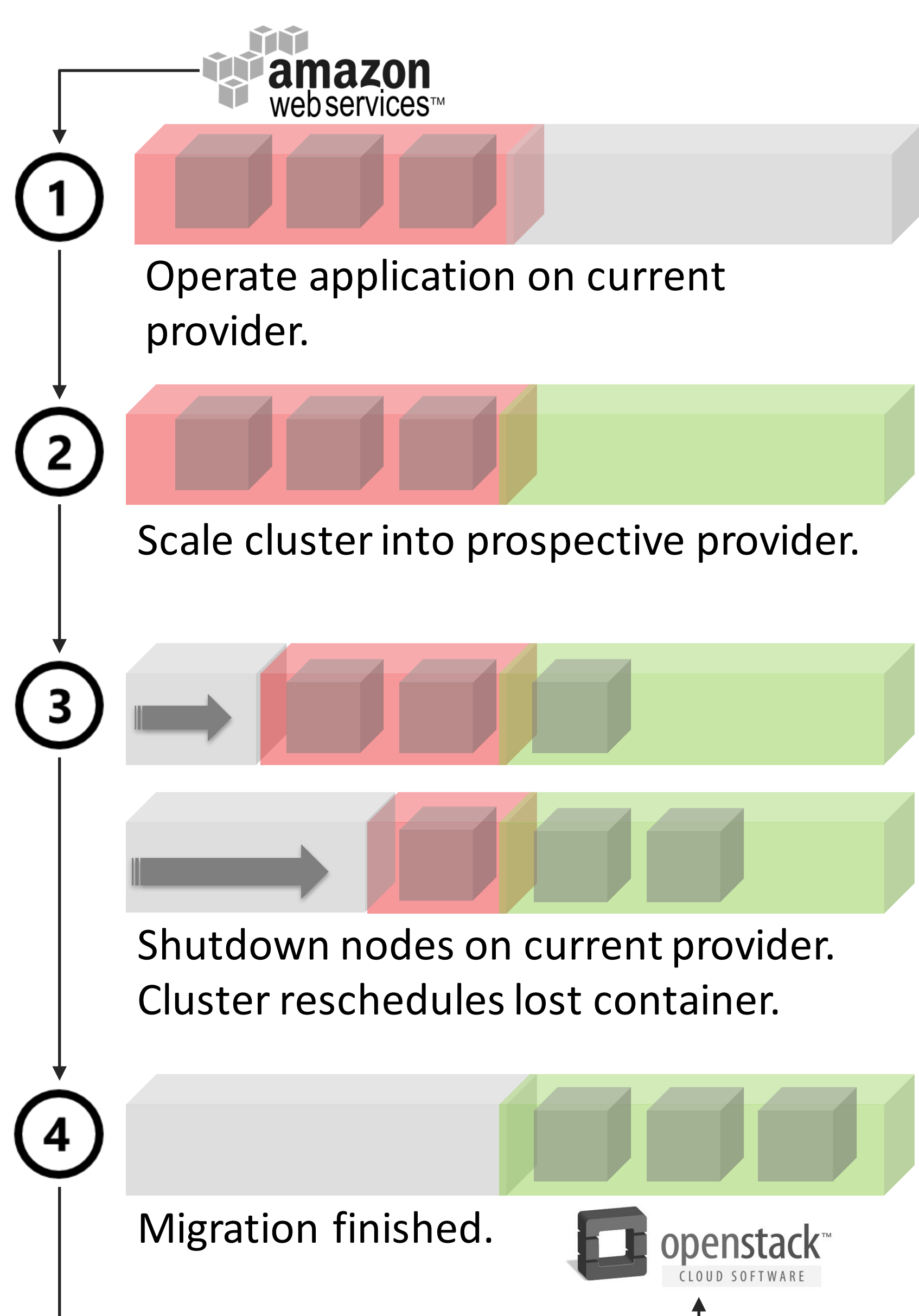




Cloud native applications are often characterized by a highly implicit technological dependency on hosting cloud infrastructures. The project **Cloud TRANSIT** investigates how to design cloud-native applications and services to reduce technological dependencies on underlying cloud infrastructures.



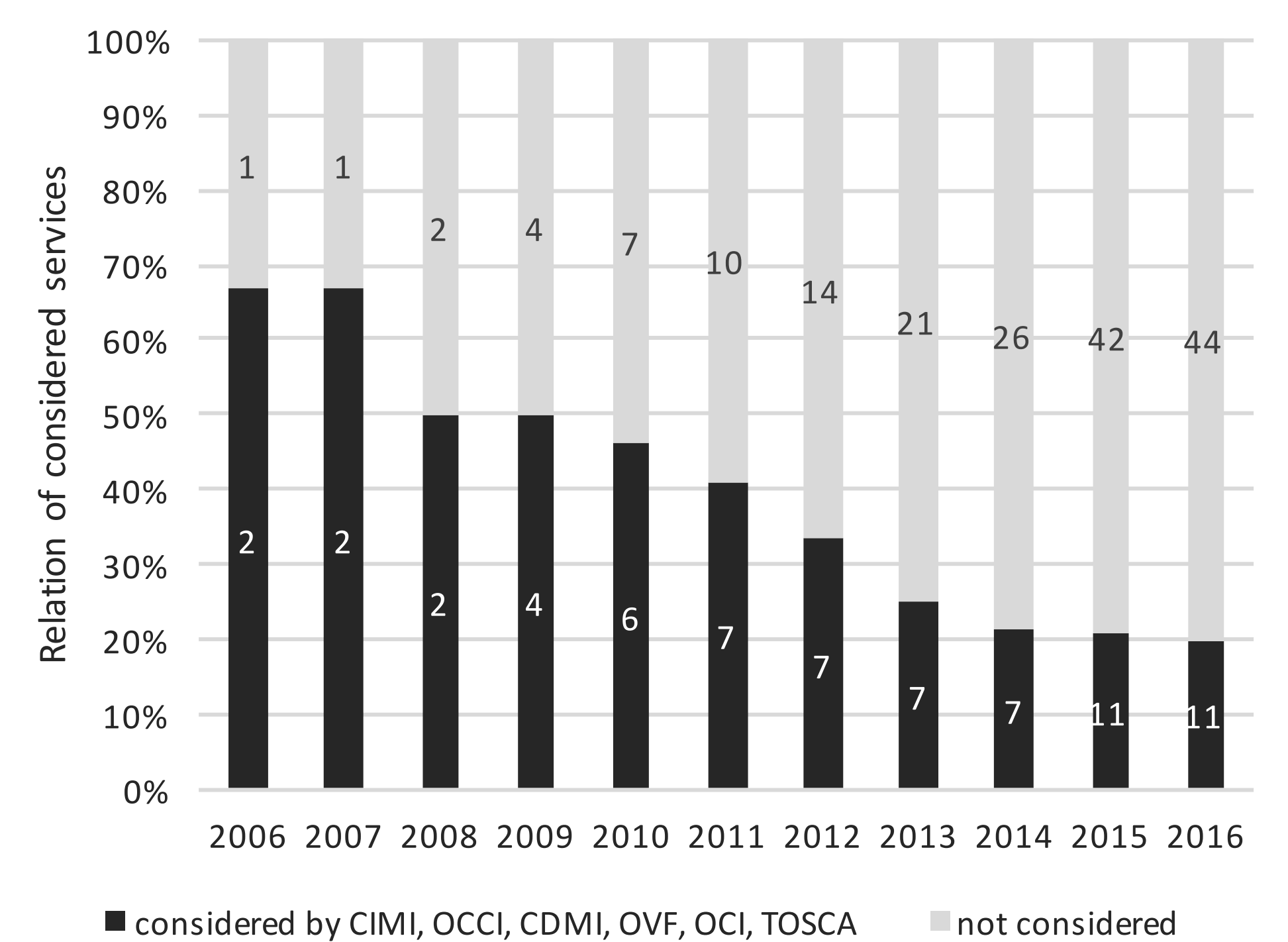
The general approach is to use container cluster solutions to bridge IaaS infrastructures and to provide a **transferable cloud runtime environment**.



Avoiding Vendor Lock-In for Small and Medium Sized Enterprises:

- The **aim** is to provide **methodologies** and **tools** to define secure, transferable and elastic services being deployable to any IaaS cloud infrastructure.
- Migration of these services from one private or public cloud infrastructure to another should be possible.
- This **transferability** reduces vendor lock-in apprehensions and fosters cloud adoption.
- The solution should be manageable by small and medium sized enterprises (**1-person IT staffs**).

Cloud standardization coverage decreased over the last 10 years.



Analyzed using over 2300 official release notes of Amazon Web Services (AWS). Data for other providers like Google, Azure, Rackspace, etc. not presented. Basic conclusions for these providers are the same.

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