



Technical Report

ISO/IEC TR 10822-1

Cloud computing — Multi-cloud management —

Part 1: Overview and use cases

Informatique en nuage — Gestion multi-nuages —

Partie 1: Vue d'ensemble et cas d'utilisation

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Foreword

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Introduction

Many CSCs are using cloud services from multiple CSPs to achieve cost savings, vendor choice, business continuity, choice of services and security.

Operating in a multi-cloud environment poses a number of challenges for CSCs including varying interfaces, billing and metering schedules, security and privacy protections and performance.

CSCs can address multi-cloud challenges on their own, or by using cloud service partners, through standardized approaches.

Cloud computing — Multi-cloud management —

Part 1: Overview and use cases

1 Scope

This document is based on ISO/IEC 22123-1, ISO/IEC 22123-3 and ISO/IEC 5140 and provides an overview of the management challenges faced in multi-cloud deployments, as well as the management activities that can be undertaken to address these challenges.

Additionally this document provides use cases with user and functional views to further explain the multi-cloud management challenges and activities

2 Normative references

There are no normative references in this document.