

Template for comments

ECB Guide on outsourcing cloud services to cloud service providers

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General comments

Amazon Web Services ("AWS") is grateful for the opportunity to respond to the European Central Bank's ("ECB") Guide on outsourcing cloud services to cloud service providers ("ECB Guide").

AWS's response provides our views and interpretation from the perspective of a Cloud Service Provider ("CSP"). As a CSP, AWS appreciates the consultation opportunity and supports the intention of the ECB Guide to enable financial institutions to improve their operational resiliency, particularly in alignment with Regulation (EU) 2022/2554 ("DORA").

AWS's proposals to the ECB Guide primarily focus on three key areas: (i) aligning the ECB Guide with DORA to reduce the risk of confusion and costs for financial entities; (ii) clarifications about how cloud services work and the multi-tenant environment; and (iii) ensuring that financial entities remain competitive and able to choose services that work best for their customers and goals ("Submissions").

AWS's Submissions reflect its ongoing commitment to engaging in regulatory discussions in support of introduction and interpretation of consistent and fair regulatory frameworks for the use of cloud services by the financial services sector.

AWS would appreciate any opportunity to further discuss the comments included our submissions with the ECB.

Template for comments

ECB Guide on outsourcing cloud services to cloud service providers

Please enter all your feedback in this list.
When entering feedback, please make sure that:
-each comment deals with a single Issue only;
-you indicate the relevant article/chapter/paragraph, where appropriate;
-you indicate whether your comment is a proposed amendment, clarification or deletion.

Deadline: 15.07.2024

ID	0	Chapter	Paragraph	Page	Type of comment	Detailed comment	Concise statement as to why your comment should be taken on board	Name of commenter	Personal data
1	1 11	t. Introduction 1.1. Purpose	1.1	1	Amendment	The ECB Guide is intended to be read in conjunction with Regulation (EU) 2022/254 (*DORA*), and should be aligned with DORA's requirements. DORA provides the regulatory framework, processes and standards for financial entities using (ET third-party service providers, including doud service providers (*CSPS**), hittoducing new requirements in the ECB Guide hat extended beyond DORA undermines the consistent standards and guidelines, creating ambiguity for financial entities. ECB Guide bear the CB Guide bear the CB Guide for the CB Guide for the CB Guide for the CB Guide for the CB Guide are unaligned with the scope of DORA, and asserts without substratiation that cloud services usage is highly concentrated and inherently risker than other ICT solutions. DORA and the other regulations cited in the ECB Guide are unaligned with these in DORA. Creating confusion for financial entities. DORA in not only applicable to cloud services, but all TCT services* A stricle 1 of DORA is focused on a high common level of overall digital operational realismose, not just the realismose of cloud services. In the CBG Guide are unaligned with the case of CBG Guide are unaligned with the CBG Guide are unaligned with	The proposed amendments should be implemented to: (i) avoid confusion caused by aspoces of the EOB Guide; (i) differing a confusion of the end	AWS	Publish
2	2 1	I. Introduction 1.2 Scope and Effect	12	3	Amendment	As drafted, proposed subsection 1.2 is unaligned with DORA's scope and should be amended to avoid confusion and conflicting requirements for financial entities. Although the ECB Guide states that it should be "read in conjunction with DORA", it deviates from DORA in several respects. There is a misalignment between the stated intention of this subsection 1.2 and several other parts of the ECB Guide that establish new de-factor requirements in addition to those present in DORA in cluding; (i) the introduction of a multi-vendor requirement for 'critical or important systems' at section 2, sub-subsection 2.2.1 which is not required by Article 12 (DORA, despite the clatation of Article 12. in addition, Article (8) of DORA makes clear that while entities may establish a multi-vendor strategy they are not required to, and (ii) the introduction of new termination rights at section 2, sub-scibin 2.4.1 not contemplated by DORA (Article 28(7)). The ECB Guide exclusively focuses on cloud services whereas DORA focuses on a broader range of ICT services. This focus seems misplaced as Recital 20 DORA notes that CSPs are only 'one category of digital infrastructure' and that DORA 'applies to all critical ICT third-party service providers', not just CSPs. As noted above in the response to section 1.1, DORA and other regulations cited are intended to be technology agnostic and focused on risks. The ECB's insplict focus in this sub-section, is contrary to this agnostic approach. As drafted, the ECB Guide could be interpreted as the ECB creating additional regulation by instituting requirements in addition to those present in DORA and to clarify that the ECB is not taking on a regulatory function or instituting additional requirements than those present in DORA, proposed subsection 1.2 should be AMENDED to ADD the following text after the sentence beginning "The ECB Guide should be read in conjunction with the DORA regulatory framework: "THE ECB GUIDE is NOT INTENDED TO INSTITUTE REQUIREMENTS ON CSPS OR FINANCIAL ENTITIES NOT		AWS	Publish

Chapter 2.1 Governance of Cloud Services 2.1.1. 3 Full responsibility continues to lie within the institution in question	4	Amendment	requirements set out in both Article 28(1) DDRA and the related Commission Delegated Regulation suppliementing Regulation (EU) 20222554 with regard to regulatory technical standards specifying the detailed content of the policy regarding combactual arrangements on the use of 107 services supporting critical or important functions provided by ICT third-species providers (the Commission Delegated Regulation). We disagree that cloud services make a "clear and unamhiguous allocation of responsibilities more challenging." The CSP operates, manages and controls the components of the heat operating system (e.g., the physical security of the security of	Sub-subsection 2.1.1. should be amended to adv.nowledge: (i) the responsibilities between adv.nowledge: (ii) the obligations under Article 28(1) DDRA and the Commission Delegated Regulation Article 9(1). As presently drafted, sub-subsection 2.1.1 is unaligned with DDRA and presents an interpretation that mandates additional requirements not present in the text and subsequent Commission Delegated Regulation and subsequent Commission Delegated Regulations and Regulations of the Regulations of	AWS	Publish
			Additionally, the ECB Guide states that the same supervisory expectations apply when a non-CSP service provider relies on a CSP. This statement would require that even in the event that a CSP has no relationship with a financial entity, it has to follow the procedures of every single end financial entity customer of its direct customers. Using "relevant policies and procedures" as present in the Commission Delegated Regulation. Article 9(1) appropriately appro	has brone.		
Chapter 2.1 Governance of Cloud Services 2.1.2. 2.1.2 Pre-outsourcing analysis	5	Deletion	As "bjendor lock-in" is an undefined term, we understand avoiding vendor lock-in to mean that if a customer decides to move, it can do so without unreasonable difficulty. Whereas customers using on-premises IT solutions have been and continue to be largely "locked-in" to costly infrastructure legacy hardware, as well as software that only runs on specific hardware and costly licensing fees, the introduction of cloud computing has greatly increased customers' ability to move be another worder. AWS provides its customers with controls to retrieve (as well as mostly of ordelety) their accessor is accordance with the requirements under the Regulation (CI) 2023/2854 of the European Parliament and of the Council of 13 December 2023 on harmonised rules on fair access to and use of data and amending Regulation (CI) 2017/2394 and the Data Act. The Data Act, in particular, has requirements that constructions are regarding switching between service providers. As noted in our response to 50-bs-ection 1.1, AWS provides many services and features that can aid customers migrafing workfloads both to	The proposed deletions in sub-subsection 2.1.2 should be incorporated as the proported relate to both factually unsubsemiliated, introduces requirements unsubsemiliated, introduces requirements by Article 22(4) DRRA and 60 not reflect how cloud services are provided. The inclusion of these purported risks are unnecessary, fall to achieve the intent of the ECB Guide to be read in conjunction with DRRA and require additional requirements not outlined in Article 22(4) DRRA.	aws	Publish

5 Cc	hapter 2.1 Governance of Cloud Services 2.1.3. cnsistency between an institution's cloud strategy did its overall strategy	2.1.3	5	Amendment	AWS understands the importance of financial entities having clear strategies for workloads. As drafted, sub-subsection 2.1.3 does not include all relevant elements of cited Article 6(3) DORA. Article 6(3) DORA notes that financial entities "shall minimise the impact of ICT risk by deploying appropriate strategies, policies, procedures, ICT protocols and tools." In our view, it's important to amend sub subsection 2.1.3 to include policies, procedures, ICT protocols, and tools to provide relevant context, and accurately reflect how CSPs provide services to their customers and ensure the ECB Guide is fully aligned with DORA. AWS operates under a shared responsibility model where financial entities manage certain security and resiliency components. Including relevant context of Article 6(3) DORA is important because the financial entity should be using policies, procedures, ICT protocols, and tools "in addition to "strategies" to ensure consistency between an institution's cloud strategy and overall stategy. Accordingly, sub-subsection 2.1.3 should be <u>AMENDED</u> to <u>ADD</u> . "Further, Article 6(3) of DORA requires appropriate strategies, POLICIES, PROCEDURES, ICT PROTOCOLS AND TOOLS."	The proposed amendment to sub-subsection 2.1.3 should be included to include delerant context from Article 6(3) DORA as it more appropriately Prefects how cloud services are provisioned and the responsibilities of the financial entries.	AWS	Publish
6 se	hapter 2.2. Availability and resilience of cloud avvices 2.2.1 holisic perspective on business mithrully measures for cloud solutions	2.2.1	6	Amendment	ANS agrees with the importance of robust business continuity plans. Proposed sub-subsection 2.2.1 is likely to cause confusion and increased costs for financial entities rather than aid in developing appropriate mechanisms for cloud services. As drafted, proposed sub-subsection 2.2.1 is unaligned with DORA as it explicitly mandates the introduction of a multi-provider requirement for critical or important systems. The ECB clies Article 12 DORA and goes on to state that "back-up of critical or important systems should not be stored in the cloud which hosts the services concerned." The wording in Article 12 does not support this. While Article 12(3) states that, when using hieror own systems, financial entities should ensure backup data is 'physically segregated' from source ICT systems fin relation to entities own systems, this does not mandate a multi-provider strategy. For AVIS each 'Region' consists of multiple independent and physically separate Availability Zones within a geographic area. Strict logical separation between the software services in each Region is multiple locations in efficient ways, which can mitigate a variety of risks, including seporities in all an accretisate failure in one Region at an order Region. This kind of structure can provide an unprecedented sibility for financial entities to back up critical data in multiple locations in efficient ways, which can mitigate a variety of risks, including seporities in sks. Article (19) DORA is clear that a multi-vendor strategy is not amadatory, so it does not follow that the ECB would interpret such strategy as being mandatory. This sub-section 2.2.1 clearly exceeds the requirements of DORA. As previously stated, financial entities are entitled to choose their infrastructure. Sub-section 2.2.1 contradicts this by mandating a multi-provider requirement for critical or important systems. This requirement is likely to: (i) lessen operational resilience by introducing new sources of risk; and (ii) cause significant cortication and costs for fina	The proposed amendments to draft sub- subsection 2.21 should be incorporated as it will align the sturk this DRA and avoid new regulatory requirements increasing costs for financial entities and potentially introducing new sources of risk.	aws	Publish
7 se	hapter 2.2. Availability and resillence of cloud source of clo	222	7	Clarification	AWS understands the importance of financial entities maintaining appropriate cloud resilience measures. While appreciating that these measures are not mandatory, sub-subsection 2.2.2 may cause confusion and increased costs for financial entities as it: (i) deviates from the requirements outlined in Article (ii) DORA; (ii) may increase costs for financial entities through the imposition of costly architecture requirements not included in DORA and (iii) uses terminology that is undefined within the ECB Guide and not used uniformly amongst CSPs. For example, the term region is used. As outlined above in sub-section 2.2.1, AWS regions are separate geographic ranes. AWS Regions consist of unable, physically separated and isolated Availability Zones that are connected with low latency, high throughput, highly redundant networking. This term is not used uniformly by CSPs. The final version of the ECB Guide should provide clarification on these points. Article (ii) states "the digital operational resilience strategy shall include methods to address ICT risk and attain specific ICT objectives." It is unclear how the proposed architecting requirements the ECB outlines in 2.2.2 accomplish this or are aligned with DORA. As drafted, these requirements are likely to cause undue burden and cost on financial entities that use CSPs rather than address ICT risk. These architecture requirements are not present for other ICT services. For example, the ECB does not suggest that financial entities are required to maintain multiple data centres in different locations if they have solely on-premises infrastructure. Additionally, draft sub-subsection 2.2.2 is likely to cause confusion because it uses terms like "availability zone" and "hybrid cloud architecture", wich are undefined within DORA and also defined differently by various CSPs. It is unclear what "two or more distinct substructures" means. Without alignment on these threshold definitions, the ECB Guide will cause confusion for financial entities. Finally, a thould also be	Sub-subsection 2.2.2 should be clarified to align the ECB Guide with DORA, reduce the potential increased costs and undue burden on financial entities using cloud, and avoid the use of varied industry terms that tack a common definition.	aws	Publish

8 8 8 6 0	Chapter 2.2. Availability and resilience of cloud services 2.2.3 Oversight over the planning, establishment, testing and implementation of a disaster recovery strategy	223	7	Amendment	AWS appreciates the importance of business continuity and disaster recovery in the context of operational resilience. As presently drafted, however, it is unclear how proposed sub-subsection 2.2.3 will aid entities in this goal. The current drafting may increase operational costs on financial entities and in not aligned with DORA. Sub-subsection 2.2.3 interprets Article 11(6) DORA which is lex specialis under NIS 2, and Article 21(2)(c) or NIS 2 to require a financial entity to not rely on disaster recovery certifications and to undertake spot checks at short notice. Neither Article 11(6) DORA nor Article 21(2)(c) or NIS 2, however, mandate this type of testing. Reliance upon disaster recovery certifications or third-party certifications is a scalable and widely acceptable proxy for financial entities as part of comprehensive ICT risk management. For AWS, for example, the disaster recovery testing the second of the control of the second	The proposed amendments to subsub-subsection 2.2.3 should be incorporated to better achieve the stated aim of enabling financial entities to have comprehensive ICT risk management. The present stated requirements are not present in DORA and NIS 2, may increase costs for financial entities, and could inhibit appropriate ICT risk management by jeopardising the multi-tenant environment.	AWS	Publish
9 8	Chapter 2.2. Availability and resilience of cloud services 2.2.4 Assessment of concentration and provider lock-in risks	22.4	8	Amendment	It is unclear how proposed sub-subsection 2.2.4 will assist financial entities with assessment of concentration and provider lock-in risks. As drafted, sub-subsection 2.2.4 will presupposes that concentration risk exists in the cloud services market. (ii) misunderstands how financial entities can architect environments to avoid risks relating to a single point of failure, and (iii) difflers from DORA in its specific nequirements on how to address these risks. As noted in the response to proposed sub-section 1.1, AWS disagrees that concentration risk exists in the cloud services market. Moreover, proposed sub-subsection 2.2.4 does not recognize how financial entities can architect requirements to avoid concentration risks, and also deviates from DORA. As discussed in the response to proposed sub-subsection 1.2.4 does not recognize how financial entities can architect requirements to avoid concentration risks, and also deviates from DORA. As discussed in the response to proposed sub-subsection 2.2.4 does not recognize how financial entities can architect requirements to avoid concentration risk, and also deviates from DORA. As discussed in the response to 2.1.2, word rock-in is less of a possibility using cloud services than more than the requirements to avoid concentration risk, and with a market three particular needs, and mix and match those with hardware and software from other providers, including on-premises providers, to create their overall IT solution. Avoiding lock-in does not mean there will not be trade-diffs or switching costs, including time, flexibility, functionally and financial costs. Proposed sub-subsection 2.2.4 is unaligned with DORA. Recital 67 DORA stated that DORA intends to promote a bilanced risk on considered appropriate to set out rules on strict caps and limits to CT thrit-q-arry exposures." Additionally, Article (1)ty of the Commission Delegated Regulation does not contain the requirements to assess the free "main aspects" or concentration risks. Proposed sub-subsection 2.2.4 de	The proposed amendments to draft sub- subsection 2.2.4 should be incorporated to better align it with DORA and remove the presumptions regarding concentration risk that are unsubstantiated.	AWS	Publish
0 0 0 0 0	Chapter 2.3. ICT security, data confidentiality and integrity 2.3.1 Establishment of adequate data security measures, such as encyption and cryptographic key management processes	2.3.1	9	Amendment	It is unclear how proposed sub-subsection 2.3.1 aids financial entities in developing adequate security measures as it: (i) contains requirements not present in DORA; (ii) links the use of multi-vendor technologies with increased data security, when the effect is often the opposite i.e., increased attack vectors; and (iii) uses undefined terminology that may cause confusion. DORA does not require financial entities to use a multi-vendor strategy. Article (9(i) DORA explicitly notes that the use of a multi-vendor strategy is optional rather than mandated. Affirmatively linking a multi-vendor strategy with screased security appears to contradict ODRA as it implies this approach is mandatory. It is also unsubstantiated. When not properly managed an multi-vendor strategy can increase security risks. This sub-section contradicts financial entities right of choice and sub-subsection 2.3.1 inappropriately links a multi-vendor strategy with increased data realizery. For customers who have mission-critical, extreme-availability workloads, it is our view that a multi-region approach is more effective than operating across multiple providers. Customers yet the best performance, security and cost when they choose to work primarily with one provider. Customers yet the best performance, security and cost when they choose to work primarily with one provider. Customers yet the best performance, security and cost when they choose to work primarily with one providers to provision, manage, and govern IT resources, to monitor the health of their applications; and to collect and analyse data stored in multiple locations. Rather than enhance data security, a multi-vendor approach actually can comprime the data security. Finally, proposed sub-subsection 2.3.1 uses the phrase micro-segmentation technologies without defining the term, which is likely to cause confusion for financial entities and providers. If proposed sub-subsection 2.3.1 is instended to be aligned with DORA, the term should be revised to either use a commonly under	The proposed amendments to sub- subsection 2.3 1 should be incorporated as they better align he text with DORA and will lead to less confusion for financial entities.	AWS	Publish

11 i	Chapter 2.3. ICT security, data confidentiality and integrity 2.3.2 Risks stemming from the location and processing of data	2.3.2	10	Amendment	It is unclear how proposed sub-subsection 2.3.2 helps financial entities address the risks stemming from the location and processing of data. Proposed sub-subsection 2.3.2 may cause confusion and be overly burderscene to financial entities using cloud services as it. (i) includes requirements not present in DORA; (ii) is unclear what type of "data" is subject to list limitations; and (iii) appears to link data realiency and data processing in an inappropriate manner. Sub-subsection 2.3.2 deviates from DORA at the outset because DORA does not require financial institutions to draw up a list of acceptable countries for data processing. Draft sub-subsection 2.3.2 deviates from DORA at the outset because DORA does not require financial institutions to draw up a list of acceptable countries for data protection laws or is highly sensitive. The General Data Protection Regulation (COPRY) for instance, only applies to personal data rather than all data. Draft sub-subsection 2.3.2 states that supervised entities should base their "acceptable countries" on a list of non-EU countries based on GDPR. It is unclear how countries that are considered adequate for data protection relate to data resiliency, including addressing the legal and political risks of outsourcing. To avoid confusion, sub-subsection 2.3.2 should be AMENDED to DELETE footnote 10 "THE EUROPEAN COMMISSION HAS DRAWN UP A LIST OF NON-EU COUNTRIES WHERE DATA PROTECTION IS CONSIDERED ADEQUATE ON THE BASIS OF ARTICLE 45 OF THE GENERAL DATA PROTECTION REQUIATION INCREDIATION THE EUROPEAN COMMISSION HAS DRAWN UP A LIST OF NON-EU COUNTRIES WHERE DATA PROTECTION IS CONSIDERED ADEQUATE ON THE BASIS OF ARTICLE 45 OF THE GENERAL DATA PROTECTION REQUIATION INCREDIATION THE EUROPEAN COMMISSION HAS DRAWN UP A LIST OF NON-EU COUNTRIES WHERE DATA PROTECTION REQUIATION INCREDIATION INCREDIATION THE EUROPEAN COMMISSION HAS DRAWN UP A LIST OF NON-EU COUNTRIES WHERE DATA PROTECTION REQUIATION INCREDIATION THE EUROPEAN COMMISSION HAS DRAWN UP A LIST OF NON-EUROPEAN COMMISSION	The proposed amendments to sub- subsection 2.3.2 should be incorporated to align with DORA and the EBA Guidelines, clarify expectations for financial entities, and remove the reference to GDPR countries as it does not achieve the aim of assisting countries with addressing the risks stemming from the location and processing of data.	AWS	Publish
2 i	Chapter 2.3. ICT security, data confidentiality and integrity 2.3.4 Identity and access management (IAM) policies for cloud outsourcing arrangements	2.3.4	10	Amendment	As drafted, sub-subsection 2.3.4 states that an institution's IAM policy should be extended to cover cloud assets and executed when entering a cloud outsourcing arrangement. This wording should be clarified, as the present drafting makes it ambiguous whether (SPR have to help financial entires execute their IAM policy and the present drafting makes it ambiguous whether (SPR have to help financial entires execute their IAM policy and the present drafting makes it ambiguous that the present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely a financial entire present drafting makes are also assets and it is a solely as a solely asset and it is a solely as a solely asset and it is a solely as a solely asset and it is a solely as a solely as a solely asset and it is a solely as a solely asset and it is a solely as a solely asset and it is a solely as a solely as a solely as a solely asset and it is a solely as a so	Sub-subsection 2.3.4 should be amended to align the clause with DORA and to avoid confusion.	AWS	Publish
13 i	Chapter 2.3. ICT security, data confidentiality and integrity 2.3.4 Identity and access management ((AM) policies for cloud outsourcing arrangements	2.3.4.1.	11	Deletion	As drafted, it is unclear how sub-subsection 2.3.4.1 aigns with DORA or will help financial entities address the identified deficiencies in their operational resilience framework. Specifically, it is unclear how agreeing individual dauses with CSPs will constitute 'good practice' when configuring the cloud environment. DORA does not require financial entities to have individual clauses when they use cloud services. It is costly for financial entities to negotiate bespoke terms and engages legal and business resources. Sub-subsection 2.3.4.1 discriminates against those financial entities to have individual clauses when they use cloud services are provided via a one-to-many model. The configuration of the services is entirely in the hands of the customer such that individual clauses relating to configuration are not required and would hamper the customer's ability to use such services, changing configurations as best suits their needs, undermining the value of cloud services. In this respect it's important to distinguish cloud services when the customer's ability to use such services, changing configurations as best suits their needs, undermining the value of cloud services. In this respect it's important to distinguish cloud services to miterate the practices, and mixed match hose with hardware and software from other providers, including on-premises providers, to create their overall IT solution. AWS helps make this possible by not requiring up-front payments or long-term contracts. AWS also provides tools and the ability to financial entities to configure applications and services as preferred and to enable them to comply with relevant taw. Based on the way cloud services are provisioned, individual clauses are unnecessary. Customers benefit fron increased flexibility in choosing which services to use and when to use them, all of which can be accomplished on AWS. While DORA does require certain contractual clauses, the negotiation of individual clauses is not required and unnecessary given the control financ	Sub-subsection 2.3.4.1 should be deleted as individual clauses are not mandatory per DORA and mandating individual clauses will not increase financial entity resiliency.	AWS	Publish
	2.4 Exit strategy and termination rights 2.4.1 Termination rights	2.4.1.	12	Amendment	As presently drafted, proposed sub-subsection 2.4.1 is likely to cause confusion and increased costs for financial entities. Proposed sub-subsection 2.4.1 includes new termination, exit planning, and subcontractor requirements that are not present in DRA and associated regulations. DRA contains specific requirements for how ICT services may be terminated within Article 28(7). Proposed sub-subsection 2.4.1 introduces new termination rights not contemplated by Article 28(7) DORA. The list of "[o]ther changes that could lead to such a reson for termination" are not present in Article 28(7). Proposed sub-subsection 1.4.1 introduces a list of mandatory requirements, none of which include those mentioned in this paragraph. This additionally, proposed sub-subsection 2.4.1 obligates CSPs to support a financial entity's exit plan. This obligation is not present in Article 30(3)(f) DORA, which only includes reference to "exit strategies" and not a specific "exit plan". It may be not be operationally possible for a CSP is support all aspects of financial entity's exit plan. This obligation is not present in Article 30(3)(f) DORA, which only includes reference to "exit strategies" and not a specific "exit plan". It may be not be operationally possible for a CSP is support all aspects of financial entity's exit plan. This obligation is not present in Article 30(3)(f) DORA, which only includes reference to "exit strategies" and not a specific "exit plan". It may be not be operationally possible for a CSP is support all aspects of financial entity's exit plan. This obligation is not present in Article 30(3)(f) DORA, which only includes reference to "exit strategies" and not a specific "exit plan". It may be not be oppositionated to re-configure and instruction of the contraction and the CSP "should have the "same contractual charges" and the CSP have mandated in the contractual charges and additional requirements risk further uncertainty for providers and users of cloud services. Proposed sub-subsection 2.4.1 also requires	The proposed amendment to draft subsubsection 2.4.1 should be incorporated to align the text with the cited DORA articles.	AWS	Publish

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15	Oversight, monitoring and internal audits 2.5.1 dd for independent expert monitoring of CSPs	2.5	15	Amendment	As draffed, it is unclear how proposed section 2.5's concerns are related to DORA or reflective of how CSPs provide services and information to customers. While DORA emphasizes that the ability to monitor ICT providers is important, the claim that CSPs do not provide sufficient detail about their processes and controls is unfounded. AWS strives to provide information to all customers regarding infrastructure processes and information assignation or the providers of the provide	Proposed section 2.5 should be amended as the statements within are unaligned with DORNA and not reflective of how CSPs provide services and information to customers.	AWS	Publish
16	Oversight, monitoring and internal audits 2.5.1 dd for independent expert monitoring of CSPs	2.5.1	15	Amendment	As presently draffed, it is unclear how proposed sub-subsection 2.5.1 is aligned with Article 6(10) DORA. While Article 6(10) DORA notes that financial entities may "outsource the asks of verifying compliance with ICT risk management requirements", proposed sub-subsection 2.5.1 alos suggests that a CSP is capable of manipulating independent monitoring tools without factual substantiation for financial entities as they undertake DORA implementation. Proposed sub-subsection 2.5.1 also suggests that a CSP is capable of manipulating independent monitoring tools without factual substantiation for that claim. AWS agrees that financial entities should be able to monitor the cloud environment and equips its customers with information and tools to do so. AWS shares important information with its customers. For instance, AWS has developed the AWS Health Dashbeard, a public-facing website, to provide up-to-the-minute information on the overall availability of all its services across all AWS regions. AWS has also developed tools and resources which customers can leverage to enable them to stay informed of availability and security events that can affect their individual accounts and their use of the services, e.g., AWS health Dashbeard, and the services of such incident management and response tools, customers customize what service event information they receive as relevant to their use of the services, e.g., AWS health and Amazon Claurifully. Through customers' use of such incident management and response tools, customers customize what service event information they receive as relevant to their use of the services and their security configurations. As the information and the services that are provided to financial entities are provided on a one-to-many model, it is not feasible for AWS to "manipulate" these tools. First, different customers will have different needs and surposters that the public information provided. It does not follow that AWS would manipulate these tools in favour of one customer or another. Sec	The proposed amendment to sub-subsection 2.5.1 should be incorporated as the present ordating in stacturally unsubstantiated, reflects a lack of understanding of how cloud services are provided, and introduces additional concerns not present in cited Article 6(10).	AWS	Publish
177	Oversight, monitoring and internal audits 2.5.2 dent reports and contractual details	2.5.3	16	Amendment	AWS understands and agrees with the importance of memorialising rights and obligations in a cloud services model. It is unclear how proposed sub-subsection 2.5.3 will help clearly allocate responsibilities between CSPs and financial entities in addition to those contractual provisions already required pursuant to DDRA and ESA quidelines. Proposed sub-subsection 2.5.3 could cause confusion as it: (i) requires the use of standard contractual clauses when outsourcing cloud computing services, and (ii) presupposes that a CSP could "unilaterally" change agreements. Proposed sub-subsection 2.5.3 requires the use of standard contractual clauses when outsourcing cloud computing services. This requirement appears to contractual chapses sub-subsection 2.3.4.1 of the ECB Guide, which requires "individual clauses" with a cloud services provider be negotiated. Article 30(4) DORA also recognises that different standard contractual clauses may not be relevant for all ICT services and recommends financial entities consider their use, not mandate that use. Finally, proposed sub-subsection 2.5.3 states that a provider should sign a "separate digital or physical" copy to prevent any risk of unilateral changes. "This proposal: (i) reflects a lack of understanding of how CSPs provide agreements to outstomers on a one-to-many model with cloud services, the services operate the same way for every customer. There are no specialised services for financial entity customers. Changes and improvements to services cocur frequently for all customers and service level agreements for these services need to remain uniform for all customers to be need throm changes. Operationally, it is not possible for cloud providers to change the services for a set of customers but wait to implement those changes based on static agreements signed with charge lengths entity of the providers and industry or country-specific cloud, which would reduce the potential efficiency gains and social case agreements for the country of the customers but was a constraint	The amendments to proposed sub- subsection 2.5.3 should be incorporated to subsection 2.5.3 should be incorporated to reduce the possibility for increased confusion and costs for financial entities, and remove unsubstantiated assertions that CSPs can commit fraud.	AWS	Publish