

CAIQ Compliance

Category	Question	Yes	Code	Description
Application & Interface Security	Do you use industry standards (BuildSecurityin Maturity Model [BSIMM] benchmarks, Open Group ACS Trusted Technology Provider Framework, NIST, etc.) to build inSecurityfor your Systems/SoftwareDevelopmentLifecycle (SDLC)?	X		(S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined systemSecuritypolicies to enable authorized access and to prevent unauthorized access.
Application Security	Do you use an automated source code analysis tool to detectSecuritydefects in code prior to production?	X		
	Do you use manual source-code analysis to detectSecuritydefects in code prior to production?	X	S3.10.0	(S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined processing integrity and relatedSecuritypolicies.
	Do you verify that all of your software suppliers adhere to industry standards for Systems/SoftwareDevelopmentLifecycle (SDLC) security?	X		
	(SaaS only) Do you review your applications forSecurityvulnerabilities and address any issues prior to deployment to production?			
Application & Interface Security	Are all identified security, contractual and regulatory requirements for customer access contractually addressed and remediated prior to granting customers access to data, assets and information systems?	X	S3.2a	(S3.2.a) a. Logical accessSecuritymeasures to restrict access to information resources not deemed to be public.
Customer Access Requirements	Are all requirements and trust levels for customers' access defined and documented?	X		
Application & Interface Security				(I3.2.0) The procedures related to completeness, accuracy, timeliness, and authorization of inputs are consistent with the documented system processing integrity policies.
Data Integrity	Are data input and output integrity routines (i.e., reconciliation and edit checks) implemented for application interfaces and databases to prevent manual or systematic processing errors or corruption of data?		S3.4	(I3.3.0) The procedures related to completeness, accuracy, timeliness, and authorization of system processing, including error correction and database management, are consistent with documented system processing integrity policies.

		(I3.4.0) The procedures related to completeness, accuracy, timeliness, and authorization of outputs are consistent with the documented system processing integrity policies.
		(I3.5.0) There are procedures to enable tracing of information inputs from their source to their final disposition and vice versa.
Application & Interface Security	Is your DataSecurityArchitecture designed using an industry standard (e.g., CDSA, MULITSAFE, CSA TrustedCloudArchitectural X Standard, FedRAMP, CAESARS)?	(S3.4) Procedures exist to protect against unauthorized access to system resources.

Data Security / Integrity

Audit Assurance &Compliance

Do you produce audit assertions using a structured, industry accepted format (e.g., CloudAudit/A6 URI Ontology, CloudTrust, SCAP/CYBEX, GRC XML, ISACA'sCloudComputing Management Audit/Assurance Program, etc.)?

S4.1.0

(S4.1.0) The entity's systemSecurityis periodically reviewed and compared with the defined systemSecuritypolicies.

Audit Planning

(S4.2.0) There is a process to identify and address potential impairments to the entity's ongoing ability to achieve its objectives in accordance with its defined systemSecuritypolicies.

			S4.2.0	
Audit Assurance & Compliance	Do you allow tenants to view your SOC2/ISO 27001 or similar third-party audit or certification reports?	Yes	S4.1.0	(S4.1.0) The entity's systemSecurityis periodically reviewed and compared with the defined systemSecuritypolicies.
Independent Audits	Do you conduct network penetration tests of yourCloudservice infrastructure regularly as prescribed by industry best practices and guidance?	Yes		
	Do you conduct application penetration tests of yourCloudinfrastructure regularly as prescribed by industry best practices and guidance?	Yes		(S4.2.0) There is a process to identify and address potential impairments to the entity's ongoing ability to achieve its objectives in accordance with its defined systemSecuritypolicies.
	Do you conduct internal audits regularly as prescribed by industry best practices and guidance?	Yes	S4.2.0	
	Do you conduct external audits regularly as prescribed by industry best practices and guidance?	Yes		
	Are the results of the penetration tests available to tenants at their request?			
	Are the results of internal and external audits available to tenants at their request?	Yes		
	Do you have an internal audit program that allows for cross-functional audit of assessments?	Yes		
Audit Assurance & Compliance	Do you have the ability to logically segment or encrypt customer data such that data may be produced for a single tenant only, without inadvertently accessing another tenant's data?			
Information System Regulatory Mapping	Do you have capability to recover data for a specific customer in the case of a failure or data loss?			
	Do you have the capability to restrict the storage of customer data to specific countries or geographic locations?			
	Do you have a program in place that includes the ability to monitor changes to the regulatory requirements in relevant jurisdictions, adjust yourSecurityprogram for changes to legal requirements, and ensureCompliancewith relevant regulatory requirements?	Yes		
Business Continuity Management & Operational Resilience	Do you provide tenants with geographically resilientHostingoptions?	Yes	A3.1.0	(A3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operation that would impair system availability commitments and (2) assess the risks associated with the identified threats.
Business Continuity Planning				

Business Continuity Management & Operational Resilience		S3.11.0	(S3.11.0) Procedures exist to provide that personnel responsible for the design, Development , implementation, and operation of systems affecting Security have the qualifications and resources to fulfill their responsibilities.
Documentation	Are information system documents (e.g., administrator and user guides, Architecture diagrams, etc.) made available to authorized personnel to ensure configuration, installation and operation of the information system?	Yes	
		A.2.1.0	(A.2.1.0) The entity has prepared an objective description of the system and its boundaries and communicated such description to authorized users.
Business Continuity Management & Operational Resilience		A3.1.0	(A3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operation that would impair system availability commitments and (2) assess the risks associated with the identified threats.
Environmental Risks	Is physical protection against damage (e.g., natural causes, natural disasters, deliberate attacks) anticipated and designed with countermeasures applied?	Yes	
		A3.2.0	(A3.2.0) Measures to prevent or mitigate threats have been implemented consistent with the risk assessment when commercially practicable.
Business Continuity Management & Operational Resilience		A3.1.0	(A3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operation that would impair system availability commitments and (2) assess the risks associated with the identified threats.
Equipment Location	Are any of your data centers located in places that have a high probability/occurrence of high-impact environmental risks (floods, tornadoes, earthquakes, hurricanes, etc.)?		
		A3.2.0	(A3.2.0) Measures to prevent or mitigate threats have been implemented consistent with the risk assessment when commercially practicable.
Business Continuity Management & Operational Resilience	If using virtual infrastructure, does your Cloud solution include independent hardware restore and recovery capabilities ?	Yes	
		A3.2.0	(A3.2.0) Measures to prevent or mitigate threats have been implemented consistent with the risk assessment when commercially practicable.
Equipment Maintenance	If using virtual infrastructure, do you provide tenants with a capability to restore a Virtual Machine to a previous state in time?	Yes	

	<p>If using virtual infrastructure, do you allow virtual machine images to be downloaded and ported to a new Cloud provider?</p> <p>Yes</p>		(A4.1.0) The entity's system availability and Security performance is periodically reviewed and compared with the defined system availability and related Security policies.
	<p>If using virtual infrastructure, are machine images made available to the customer in a way that would allow the customer to replicate those images in their own off-site storage location?</p> <p>Yes</p>		
	<p>Does your Cloud solution include software/provider independent restore and recovery capabilities?</p> <p>Yes</p>	A4.1.0	
Business Continuity Management & Operational Resilience	<p>Are Security mechanisms and redundancies implemented to protect equipment from utility service outages (e.g., power failures, network disruptions, etc.)?</p> <p>Yes</p>	A3.2.0	(A3.2.0) Measures to prevent or mitigate threats have been implemented consistent with the risk assessment when commercially practicable.
Equipment Power Failures			
Business Continuity Management & Operational Resilience		A3.1.0	(A3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operation that would impair system availability commitments and (2) assess the risks associated with the identified threats.
Impact Analysis	<p>Do you provide tenants with ongoing visibility and Reporting of your operational Service Level Agreement (SLA) performance?</p>		<p>(A3.3.0) Procedures exist to provide for backup, offsite storage, restoration, and disaster recovery consistent with the entity's defined system availability and related Security policies.</p>
		A3.3.0	

	<p>(A3.4.0) Procedures exist to provide for the integrity of backup data and systems maintained to support the entity's defined system availability and related Security policies.</p>	
	<p>Do you make standards-based information Security metrics (CSA, CAMM, etc.) available to your tenants?</p>	
	<p>Do you provide customers with ongoing visibility and Reporting of your SLA performance?</p>	A3.4.0
Business Continuity Management & Operational Resilience	<p>Are policies and procedures established and made available for all personnel to adequately support services operations' Roles? Yes</p>	S2.3.0
Policy		<p>(S2.3.0) Responsibility and accountability for the entity's system availability, confidentiality of data, processing integrity, system Security and related Security policies and changes and Updates to those policies are communicated to entity personnel responsible for implementing them.</p>

Business Continuity Management & Operational Resilience		A3.3.0		(A3.3.0) Procedures exist to provide for backup, offsite storage, restoration, and disaster recovery consistent with the entity's defined system availability and related Security policies.
Retention Policy				(A3.4.0) Procedures exist to provide for the integrity of backup data and systems maintained to support the entity's defined system availability and related Security policies.
	Do you have technical control capabilities to enforce tenant data retention policies?			(I3.20.0) Procedures exist to provide for restoration and disaster recovery consistent with the entity's defined processing integrity policies.
		A3.4.0		(I3.21.0) Procedures exist to provide for the completeness, accuracy, and timeliness of backup data and systems.
		I3.20.0		
	Do you have a documented procedure for responding to requests for tenant data from governments or third parties?		Yes	
	Have you implemented backup or redundancy mechanisms to ensure Compliance with regulatory, statutory, contractual or business requirements?		Yes	
	Do you test your backup or redundancy mechanisms at least annually?		Yes	I3.21.0
Change Control & Configuration Management		S3.12.0		(S3.12.0) Procedures exist to maintain system components, including configurations consistent with the defined system Security policies.
New Development/ Acquisition	Are policies and procedures established for management authorization for Development or acquisition of new applications, systems, databases, infrastructure, services, operations and facilities?		Yes	(S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined system Security policies.

			S3.10.0	(S3.13.0) Procedures exist to provide that only authorized, tested, and documented changes are made to the system.
	Is documentation available that describes the installation, configuration and use of products/services/features?	Yes	S3.13.0	
Change Control & Configuration Management			S3.10.0	(S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined system availability, confidentiality of data, processing integrity, systemsSecurityand relatedSecuritypolicies.
<u>OutsourcedDevelopment</u>	<u>Do you have controls in place to ensure that standards of quality are being met for all softwareDevelopment?</u>			
				(S3.13) Procedures exist to provide that only authorized, tested, and documented changes are made to the system.
	Do you have controls in place to detect source codeSecuritydefects for any outsourced softwareDevelopmentactivities?		S3.13	
Change Control & ConfigurationManagement			A3.13.0	(A3.13.0, C3.16.0, I3.14.0, S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined system availability, confidentiality of data, processing integrity, systemsSecurityand relatedSecuritypolicies.
	Do you provide your tenants with documentation that describes your quality assurance process?			
<u>QualityTesting</u>			C3.16.0	
			I3.14.0	(S3.13) Procedures exist to provide that only authorized, tested, and documented changes are made to the system.
	Is documentation describing known issues with certain products/services available?		S3.10.0	
	<u>Are there policies and procedures in place to triage and remedy reported bugs andSecurityvulnerabilities for product and service offerings?</u>	Yes		

	Are mechanisms in place to ensure that all debugging and test code elements are removed from released software versions?		S3.13	
Change Control & Configuration Management			A3.6.0	(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.
Unauthorized Software Installations				
	Do you have controls in place to restrict and monitor the installation of unauthorized software onto your systems?	Yes		(S3.5.0) Procedures exist to protect against infection by computer viruses, malicious code, and unauthorized software.
				(S3.13.0) Procedures exist to provide that only authorized, tested, and documented changes are made to the system.
			S3.5.0	
			S3.13.0	
Change Control & Configuration Management	Do you provide tenants with documentation that describes your production change management procedures and theirRoles/rights/responsibilities within it?	Yes	A3.16.0	(A3.16.0, S3.13.0) Procedures exist to provide that only authorized, tested, and documented changes are made to the system.
Production Changes			S3.13.0	

Data Security & Information Lifecycle Management	Do you provide a capability to identify virtual machines via policy tags/metadata (e.g., tags can be used to limit guest operating systems from booting/instantiating/transporting data in the wrong country)?	Yes	S3.8.0	(S3.8.0) Procedures exist to classify data in accordance with Classification policies and periodically monitor and update such classifications as necessary.
Classification	Do you provide a capability to identify hardware via policy tags/metadata/hardware tags (e.g., TXT/TPM, VN-Tag, etc.)?	Yes		
	Do you have a capability to use system geographic location as an Authentication factor?			(C3.14.0) Procedures exist to provide that system data are classified in accordance with the defined confidentiality and related Security policies.
	Can you provide the physical location/geography of storage of a tenant's data upon request?	Yes		
	Can you provide the physical location/geography of storage of a tenant's data in advance?		C3.14.0	
	Do you follow a structured data-labeling standard (e.g., ISO 15489, Oasis XML Catalog Specification, CSA data type guidance)?			
	Do you allow tenants to define acceptable geographical locations for data routing or resource instantiation?	Yes		
Data Security & Information Lifecycle Management	Do you inventory, document, and maintain data flows for data that is resident (permanent or temporary) within the services' applications and infrastructure network and systems?			
Data Inventory / Flows	Can you ensure that data does not migrate beyond a defined geographical residency?			
Data Security & Information Lifecycle Management			S3.6	(S3.6) Encryption or other equivalent Security techniques are used to protect transmissions of user Authentication and other confidential information passed over the Internet or other public networks.
E-commerce Transactions				
	Do you provide open encryption methodologies (3.4ES, AES, etc.) to tenants in order for them to protect their data if it is required to move through public networks (e.g., the Internet)?			(I13.3.a-e) The procedures related to completeness, accuracy, timeliness, and authorization of system processing, including error correction and database management, are consistent with documented system processing integrity policies.
				(I13.4.0) The procedures related to completeness, accuracy, timeliness, and authorization of outputs are consistent with the documented system processing integrity policies.
			I13.3.a-e	

	Do you utilize open encryption methodologies any time your infrastructure components need to communicate with each other via public networks (e.g., Internet-based replication of data from one environment to another)?	Yes	I3.4.0	
Data Security & Information Lifecycle Management	Are policies and procedures established for labeling, handling and theSecurityof data and objects that contain data?	Yes	S3.2.a	(S3.2.a) a. Logical accessSecuritymeasures to restrict access to information resources not deemed to be public.
Handling / Labeling /SecurityPolicy	Are mechanisms for label inheritance implemented for objects that act as aggregate containers for data?			
Data Security & Information Lifecycle Management			C3.5.0	(C3.5.0) The system procedures provide that confidential information is disclosed to parties only in accordance with the entity's defined confidentiality and relatedSecuritypolicies.
Nonproduction Data				(S3.4.0) Procedures exist to protect against unauthorized access to system resources.
	Do you have procedures in place to ensure production data shall not be replicated or used in non-production environments?	Yes		
			S3.4.0	(C3.21.0) Procedures exist to provide that confidential information is protected during the systemDevelopment,Testing, and change processes in accordance with defined system confidentiality and relatedSecuritypolicies.
			C3.21.0	
Data Security & Information Lifecycle Management			S2.2.0	(S2.2.0) TheSecurityobligations of users and the entity'sSecuritycommitments to users are communicated to authorized users.
Ownership / Stewardship	Are the responsibilities regarding data stewardship defined, assigned, documented and communicated?	Yes		(S2.3.0) Responsibility and accountability for the entity's systemSecuritypolicies and changes andUpdates to those policies are communicated to entity personnel responsible for implementing them.

			S2.3.0	(S3.8.0) Procedures exist to classify data in accordance with <u>Classification</u> policies and periodically monitor and update such classifications as necessary
			S3.8.0	
Data Security & Information Lifecycle Management	Do you support <u>secure deletion</u> (e.g., degaussing/cryptographic wiping) of archived and backed-up data as determined by the tenant?		C3.5.0	(C3.5.0) The system procedures provide that confidential information is disclosed to parties only in accordance with the entity's defined confidentiality and related <u>Security</u> policies.
<u>secure Disposal</u>				
				(S3.4.0) Procedures exist to protect against unauthorized access to system resources.
	Can you provide a published procedure for exiting the service arrangement, including assurance to sanitize all computing resources of tenant data once a customer has exited your environment or has vacated a resource?	Yes	S3.4.0	
Datacenter Security			S3.1.0	(S3.1.0) Procedures exist to (1) identify potential threats of disruption to systems operation that would impair system <u>Security</u> commitments and (2) assess the risks associated with the identified threats.
Asset Management				
				(C3.14.0) Procedures exist to provide that system data are classified in accordance with the defined confidentiality and related <u>Security</u> policies.
	Do you maintain a complete inventory of all of your critical assets that includes ownership of the asset?	Yes		
				(S1.2.b-c) b. Classifying data based on its criticality and sensitivity and that <u>Classification</u> is used to define protection requirements, access rights and access restrictions, and retention and destruction policies.
			C3.14.0	c. Assessing risks on a periodic basis.

	Do you maintain a complete inventory of all of your critical supplier relationships?	Yes	S1.2.b-c	
Datacenter Security	Are physicalSecurityperimeters (e.g., fences, walls, barriers, guards, gates, electronic surveillance, physicalAuthenticationmechanisms, reception desks andSecuritypatrols) implemented?	Yes	A3.6.0	(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.
Controlled Access Points				
Datacenter Security	<u>Is automated equipment identification used as a method to validate connectionAuthenticationintegrity based on known equipment location?</u>	Yes	S3.2.a	<u>(S3.2.a) a. Logical accessSecuritymeasures to restrict access to information resources not deemed to be public.</u>
Equipment Identification				
Datacenter Security	Do you provide tenants with documentation that describes scenarios in which data may be moved from one physical location to another? (e.g., offsite backups, business continuity failovers, replication)	Yes	S3.2.f	(S3.2.f) f. Restriction of access to offline storage, backup data, systems, and media.
Offsite Authorization				

				(C3.9.0) Procedures exist to restrict physical access to the defined system including, but not limited to: facilities, backup media, and other system components such as firewalls, routers, and servers.
			C3.9.0	
Datacenter Security	Can you provide tenants with evidence documenting your policies and procedures governing asset management and repurposing of equipment?	Yes	S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
Offsite equipment				
Datacenter Security	Can you provide evidence that policies, standards and procedures have been established for maintaining a safe and secure working environment in offices, rooms, facilities and secure areas?	Yes	A3.6.0	(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.
Policy	Can you provide evidence that your personnel and involved third parties have been trained regarding your documented policies, standards and procedures?	Yes		

Datacenter Security

Do you allow tenants to specify which of your geographic locations their data is allowed to move into/out of (to address legal jurisdictional considerations based on where data is stored vs. accessed)?

A3.6.0

(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.

secureArea Authorization

Datacenter Security

Are ingress and egress points, such as service areas and other points where unauthorized personnel may enter the premises, monitored, controlled and isolated from data storage and process?

Yes

A3.6.0

(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.

Unauthorized Persons Entry

Datacenter Security	Do you restrict physical access to information assets and functions by users and support personnel?	Yes	A3.6.0	(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.
User Access				
Encryption & Key Management	Do you have key management policies binding keys to identifiable owners?			
Entitlement				
Encryption & Key Management	Do you have a capability to allow creation of unique encryption keys per tenant?			(S3.6.0) Encryption or other equivalentSecuritytechniques are used to protect transmissions of userAuthenticationand other confidential information passed over the Internet or other public networks.
Key Generation	Do you have a capability to manage encryption keys on behalf of tenants?			
	Do you maintain key management procedures?			(S3.4) Procedures exist to protect against unauthorized access to system resources.
	Do you have documented ownership for each stage of the lifecycle of encryption keys?			
	Do you utilize any third party/open source/proprietary frameworks to manage encryption keys?			

Encryption & Key Management	Do you encrypt tenant data at rest (on disk/storage) within your environment?		C3.12.0	(C3.12.0, S3.6.0) Encryption or other equivalent Security techniques are used to protect transmissions of user Authentication and other confidential information passed over the Internet or other public networks.
Encryption	Do you leverage encryption to protect data and virtual machine images during transport across and between networks and hypervisor instances?		S3.6.0	
	Do you support tenant-generated encryption keys or permit tenants to encrypt data to an identity without access to a public key certificate (e.g., identity-based encryption)?	Yes		(S3.4) Procedures exist to protect against unauthorized access to system resources.
	Do you have documentation establishing and defining your encryption management policies, procedures and guidelines?		S3.4	
Encryption & Key Management	Do you have platform and data appropriate encryption that uses open/validated formats and standard algorithms?			
Storage and Access	Are your encryption keys maintained by the Cloud consumer or a trusted key management provider?			
	Do you store encryption keys in the Cloud?			
	Do you have separate key management and key usage duties?			
Governance and Risk Management	Do you have documented information Security baselines for every component of your infrastructure (e.g., hypervisors, operating systems, routers, DNS servers, etc.)?	Yes	S1.1.0	(S1.1.0) The entity's Security policies are established and periodically reviewed and approved by a designated individual or group.
Baseline Requirements	Do you have a capability to continuously monitor and report the Compliance of your infrastructure against your information Security baselines?	Yes		(S1.2.0(a-i)) The entity's Security policies include, but may not be limited to, the following matters:
	Do you allow your clients to provide their own trusted virtual machine image to ensure conformance to their own internal standards?	Yes	S1.2.0(a-i)	
Governance and Risk Management	Do you provide Security control health data in order to allow tenants to implement industry standard Continuous Monitoring (which allows continual tenant validation of your physical and logical control status)?		S3.1.0	(S3.1.0) Procedures exist to (1) identify potential threats of disruption to systems operation that would impair system Security commitments and (2) assess the risks associated with the identified threats.
Risk Assessments				

					(C3.14.0) Procedures exist to provide that system data are classified in accordance with the defined confidentiality and related Security policies.
					(S1.2.b-c) b. Classifying data based on its criticality and sensitivity and that Classification is used to define protection requirements, access rights and access restrictions, and retention and destruction policies.
				C3.14.0	c. Assessing risks on a periodic basis.
	Do you conduct risk assessments associated with data governance requirements at least once a year?	Yes		S1.2.b-c	
Governance and Risk Management				S1.2.f	(S1.2.f) f. Assigning responsibility and accountability for system availability, confidentiality, processing integrity and related security.
Management Oversight	Are your technical, business, and executive managers responsible for maintaining awareness of and Compliance with Security policies, procedures, and standards for both themselves and their employees as they pertain to the manager and employees' area of responsibility?	Yes			(S2.3.0) Responsibility and accountability for the entity's system Security policies and changes and Updates to those policies are communicated to entity personnel responsible for implementing them.
				S2.3.0	
Governance and Risk Management	Do you provide tenants with documentation describing your Information Security Management Program (ISMP)?	Yes			(x1.2.) The entity's system [availability, processing integrity, confidentiality and related Security policies include, but may not be limited to, the following matters:
Management Program	Do you review your Information Security Management Program (ISMP) least once a year?	Yes		x1.2.	
					(S1.3.0) Responsibility and accountability for developing and maintaining the entity's system Security policies, and changes and Updates to those policies, are assigned.
Governance and Risk Management					
Management Support / Involvement	Do you ensure your providers adhere to your information Security and privacy policies?	Yes		S1.3.0	
					The entity has prepared an objective description of the system and its boundaries and communicated such description to authorized users

				The Security obligations of users and the entity's Security commitments to users are communicated to authorized users.
Governance and Risk Management		S1.1.0		(S1.1.0) The entity's Security policies are established and periodically reviewed and approved by a designated individual or group.
Policy				
	Do your information Security and privacy policies align with industry standards (ISO-27001, ISO-22307, CoBIT, etc.)?	Yes		(S1.3.0) Responsibility and accountability for developing and maintaining the entity's system Security policies, and changes and Updates to those policies, are assigned.
			S1.3.0	(S2.3.0) Responsibility and accountability for the entity's system Security policies and changes and Updates to those policies are communicated to entity personnel responsible for implementing them.
	Do you have agreements to ensure your providers adhere to your information Security and privacy policies?	Yes		
	Can you provide evidence of due diligence mapping of your controls, Architecture and processes to regulations and/or standards?	Yes		
	Do you disclose which controls, standards, certifications and/or regulations you comply with?	Yes	S2.3.0	
Governance and Risk Management			S3.9	(S3.9) Procedures exist to provide that issues of noncompliance with Security policies are promptly addressed and that corrective measures are taken on a timely basis.
Policy Enforcement	Is a formal disciplinary or sanction policy established for employees who have violated Security policies and procedures?	Yes		
				(S2.4.0) The Security obligations of users and the entity's Security commitments to users are communicated to authorized users.
	Are employees made aware of what actions could be taken in the event of a violation via their policies and procedures?	Yes	S2.4.0	

Governance and Risk Management	Do risk assessment results include Updates to Security policies, procedures, standards and controls to ensure they remain relevant and effective?	Yes
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Business / Policy Change Impacts

Governance and Risk Management	Do you notify your tenants when you make material changes to your information Security and/or privacy policies?	Yes
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Policy Reviews	Do you perform, at minimum, annual reviews to your privacy and Security policies?	Yes
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Governance and Risk Management

Assessments

Are formal risk assessments aligned with the enterprise-wide framework and performed at least annually, or at planned intervals, determining the likelihood and impact of all identified risks, using qualitative and quantitative methods?	Yes
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S1.1.0

S3.1

x3.1.0

[\(S1.1.0\) The entity's Security policies are established and periodically reviewed and approved by a designated individual or group.](#)

[\(S3.1\) Procedures exist to \(1\) identify potential threats of disruption to systems operation that would impair system Security commitments and \(2\) assess the risks associated with the identified threats.](#)

[\(x3.1.0\) Procedures exist to \(1\) identify potential threats of disruptions to systems operation that would impair system \[availability, processing integrity, confidentiality\] commitments and \(2\) assess the risks associated with the identified threats.](#)

[\(S4.3.0\) Environmental, regulatory, and technological changes are monitored, and their effect on system availability, confidentiality of data, processing integrity, and system Security is assessed on a timely basis; policies are updated for that assessment.](#)

	Is the likelihood and impact associated with inherent and residual risk determined independently, considering all risk categories (e.g., audit results, threat and vulnerability analysis, and regulatory compliance)?	Yes	S4.3.0	
Governance and Risk Management			S3.1	(S3.1) Procedures exist to (1) identify potential threats of disruption to systems operation that would impair system security commitments and (2) assess the risks associated with the identified threats.
Program	Do you have a documented, organization-wide program in place to manage risk?	Yes		(x3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operation that would impair system [availability, processing integrity, confidentiality] commitments and (2) assess the risks associated with the identified threats.
	Do you make available documentation of your organization-wide risk management program?	Yes	x3.1.0	
Human Resources	Are systems in place to monitor for privacy breaches and notify tenants expeditiously if a privacy event may have impacted their data?		S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
Asset Returns	Is your Privacy Policy aligned with industry standards?	Yes		

Human Resources	Pursuant to local laws, regulations, ethics and contractual constraints, are all employment candidates, contractors and involved third parties subject to background verification?	Yes	S3.11.0	(S3.11.0) Procedures exist to help ensure that personnel responsible for the design, Development , implementation, and operation of systems affecting confidentiality and Security have the qualifications and resources to fulfill their responsibilities.
Background Screening				
Human Resources	Do you specifically train your employees regarding their specific role and the information Security controls they must fulfill?	Yes		
Employment Agreements	Do you document employee acknowledgment of training they have completed?	Yes		
	Are all personnel required to sign NDA or Confidentiality Agreements as a condition of employment to protect customer/tenant information?	Yes	S2.2.0	(S2.2.0) The Security obligations of users and the entity's Security commitments to users are communicated to authorized users
	Is successful and timed completion of the training program considered a prerequisite for acquiring and maintaining access to sensitive systems?	Yes		
	Are personnel trained and provided with awareness programs at least once a year?	Yes		
Human Resources			S3.2.d	(S3.2.d) Procedures exist to restrict logical access to the system and information resources maintained in the system including, but not limited to, the following matters:
	Are documented policies, procedures and guidelines in place to govern change in employment and/or termination?	Yes		
Employment Termination				d. The process to make changes and Update to user profiles

				(S3.8.e) e. Procedures to prevent customers, groups of individuals, or other entities from accessing confidential information other than their own
	Do the above procedures and guidelines account for timely revocation of access and return of assets?	Yes	S3.8.e	
Human Resources	Are policies and procedures established and measures implemented to strictly limit access to your sensitive data and tenant data from portable and mobile devices (e.g., laptops, cell phones and personal digital assistants (PDAs)), which are generally higher-risk than non-portable devices (e.g., desktop computers at the provider organization's facilities)?	Yes	S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
Portable / Mobile Devices				

Human Resources	Are requirements for non-disclosure or confidentiality agreements reflecting the organization's needs for the protection of data and operational details identified, documented and reviewed at planned intervals?	Yes	S4.1.0	(S4.1.0) The entity's system availability, confidentiality, processing integrity and Security performance is periodically reviewed and compared with the defined system availability and related Security policies.
Nondisclosure Agreements				
Human Resources	Do you provide tenants with a role definition document clarifying your administrative responsibilities versus those of the tenant?	Yes	S1.2.f	(S1.2.f) f. Assigning responsibility and accountability for system availability, confidentiality, processing integrity and related security.
<u>Roles/ Responsibilities</u>				
Human Resources	Do you provide documentation regarding how you may or access tenant data and metadata?		S1.2	(S1.2) The entity's Security policies include, but may not be limited to, the following matters:
Acceptable Use	Do you collect or create metadata about tenant data usage through inspection technologies (search engines, etc.)?			(S3.9) Procedures exist to provide that issues of noncompliance with Security policies are promptly addressed and that corrective measures are taken on a timely basis.
	Do you allow tenants to opt out of having their data/metadata accessed via inspection technologies?		S3.9	

Human Resources					(S1.2.k) The entity's Security policies include, but may not be limited to, the following matters:
Training / Awareness	Do you provide a formal, role-based, Security awareness training program for Cloud-related access and data management issues (e.g., multi-tenancy, nationality, Cloud delivery model segregation of duties implications and conflicts of interest) for all persons with access to tenant data?	Yes			k. Providing for training and other resources to support its system Security policies
					(S2.2.0) The Security obligations of users and the entity's Security commitments to users are communicated to authorized users.
	<u>Are administrators and data stewards properly educated on their legal responsibilities with regard to Security and data integrity?</u>	Yes		S2.2.0	
Human Resources	Are users made aware of their responsibilities for maintaining awareness and Compliance with published Security policies, procedures, standards and applicable regulatory requirements?	Yes			(S2.3.0) Responsibility and accountability for the entity's system availability, confidentiality, processing integrity and Security policies and changes and Updates to those policies are communicated to entity personnel responsible for implementing them.
User Responsibility	<u>Are users made aware of their responsibilities for maintaining a safe and secure working environment?</u>	Yes		S2.3.0	
	<u>Are users made aware of their responsibilities for leaving unattended equipment in a secure manner?</u>	Yes			
Human Resources				S3.3.0	(S3.3.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.
	Do your data management policies and procedures address tenant and service level conflicts of interests?	Yes			
Workspace					(S3.4.0) Procedures exist to protect against unauthorized access to system resources.
	Do your data management policies and procedures include a tamper audit or software integrity function for unauthorized access to tenant data?				
	Does the virtual machine management infrastructure include a tamper audit or software integrity function to detect changes to the build/configuration of the virtual machine?			S3.4.0	
Identity & Access Management	<u>Do you restrict, log and monitor access to your information Security management systems? (E.g., hypervisors, firewalls, vulnerability scanners, network sniffers, APIs, etc.)</u>	Yes			(S3.2.g) g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
Audit Tools Access	<u>Do you monitor and log privileged access (administrator level) to information Security management systems?</u>	Yes		S3.2.g	
Identity & Access Management	Do you have controls in place ensuring timely removal of systems access that is no longer required for business purposes?	Yes		S3.2.0	(S3.2.0) Procedures exist to restrict logical access to the defined system including, but not limited to, the following matters:
User Access Policy					c. Registration and authorization of new users.

					d. The process to make changes to user profiles.
	Do you provide metrics to track the speed with which you are able to remove systems access that is no longer required for business purposes?	Yes			g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
Identity & Access Management	Do you use dedicated secure networks to provide management access to your Cloud service infrastructure?	Yes	S3.2.g		(S3.2.g) g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
Diagnostic / Configuration Ports Access					
Identity & Access Management	Do you manage and store the identity of all personnel who have access to the IT infrastructure, including their level of access?	Yes			
Policies and Procedures	Do you manage and store the user identity of all personnel who have network access, including their level of access?	Yes			

Identity & Access Management	Do you provide tenants with documentation on how you maintain segregation of duties within your Cloudservice offering?	Yes	S3.2.a	(S3.2.a) a. Logical accessSecuritymeasures to restrict access to information resources not deemed to be public.
Segregation of Duties				
Identity & Access Management	Are controls in place to prevent unauthorized access to your application, program or object source code, and assure it is restricted to authorized personnel only?	Yes	S3.13.0	(S3.13.0) Procedures exist to provide that only authorized, tested, and documented changes are made to the system.
Source Code Access Restriction	Are controls in place to prevent unauthorized access to tenant application, program or object source code, and assure it is restricted to authorized personnel only?	Yes		
Identity & Access Management	Do you provide multi-failure disaster recovery capability?	Yes	S3.1	(S3.1) Procedures exist to (1) identify potential threats of disruption to systems operation that would impair systemSecuritycommitments and (2) assess the risks associated with the identified threats.
Third Party Access	Do you monitor service continuity with upstream providers in the event of provider failure?	Yes	x3.1.0	(x3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operation that would impair system [availability, processing integrity, confidentiality] commitments and (2) assess the risks associated with the identified threats.
	Do you have more than one provider for each service you depend on?	Yes		
	Do you provide access to operational redundancy and continuity summaries, including the services you depend on?	Yes		
	Do you provide the tenant the ability to declare a disaster?			
	Do you provided a tenant-triggered failover option?			
	Do you share your business continuity and redundancy plans with your tenants?	Yes		
Identity & Access Management			S3.2.0	(S3.2.0) Procedures exist to restrict logical access to the defined system including, but not limited to, the following matters:
User Access Restriction / Authorization	Do you document how you grant and approve access to tenant data?			c. Registration and authorization of new users.
				d. The process to make changes to user profiles.

[g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices \(for example, firewalls\).](#)

[\(S4.3.0\) Environmental, regulatory, and technological changes are monitored, and their effect on system availability, confidentiality, processing integrity and Security is assessed on a timely basis; policies are updated for that assessment.](#)

Do you have a method of aligning provider and tenant dataClassification methodologies for access control purposes?

S4.3.0

Identity & Access Management

Does your management provision the authorization and restrictions for user access (e.g., employees, contractors, customers (tenants), business partners and/or suppliers) prior to their access to data and any owned or managed (physical and virtual) applications, infrastructure systems and network components?

Yes

S3.2.0

(S3.2.0) Procedures exist to restrict logical access to the defined system including, but not limited to, the following matters:

User Access Authorization

c. Registration and authorization of new users.

					d. The process to make changes to user profiles.
	Do you provide upon request user access (e.g., employees, contractors, customers (tenants), business partners and/or suppliers) to data and any owned or managed (physical and virtual) applications, infrastructure systems and network components?	Yes			g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
Identity & Access Management	Do you require at least annual certification of entitlements for all system users and administrators (exclusive of users maintained by your tenants)?	Yes			(S3.2.0) Procedures exist to restrict logical access to the defined system including, but not limited to, the following matters:
User Access Reviews	If users are found to have inappropriate entitlements, are all remediation and certification actions recorded?	Yes		S3.2.0	d. The process to make changes to user profiles.
	Will you share user entitlement remediation and certification reports with your tenants, if inappropriate access may have been allowed to tenant data?	Yes			g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
Identity & Access Management	Is timely deprovisioning, revocation or modification of user access to the organizations systems, information assets and data implemented upon any change in status of employees, contractors, customers, business partners or involved third parties?	Yes		S3.2.0	(S3.2.0) Procedures exist to restrict logical access to the defined system including, but not limited to, the following matters:
User Access Revocation					d. The process to make changes to user profiles.

	Is any change in user access status intended to include termination of employment, contract or agreement, change of employment or Yes transfer within the organization?			g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
Identity & Access Management	Do you support use of, or integration with, existing customer-based Single Sign On (SSO) solutions to your service?			
User ID Credentials	Do you use open standards to delegate Authentication capabilities to your tenants?			
	Do you support identity federation standards (SAML, SPML, WS-Federation, etc.) as a means of authenticating/authorizing users?			
	Do you have a Policy Enforcement Point capability (e.g., XACML) to enforce regional legal and policy constraints on user access?			
	Do you have an identity management system (enabling Classification of data for a tenant) in place to enable both role-based and context-based entitlement to data?			
	Do you provide tenants with strong (multifactor) Authentication options (digital certs, tokens, biometrics, etc.) for user access?	S3.2.b		(S3.2.b) b. Identification and Authentication of users.
	Do you allow tenants to use third-party identity assurance services?	Yes		
	Do you support password (minimum length, age, history, complexity) and account lockout (lockout threshold, lockout duration) policy enforcement?	Yes		
	Do you allow tenants/customers to define password and account lockout policies for their accounts?	Yes		
	Do you support the ability to force password changes upon first logon?	Yes		
	Do you have mechanisms in place for unlocking accounts that have been locked out (e.g., self-service via Email, defined challenge questions, manual unlock)?	Yes		
Identity & Access Management	Are utilities that can significantly manage virtualized partitions (e.g., shutdown, clone, etc.) appropriately restricted and monitored?	Yes		
Utility Programs Access	Do you have a capability to detect attacks that target the virtual infrastructure directly (e.g., shimming, Blue Pill, Hyper jumping, etc.)?	Yes	S3.2.g	(S3.2.g) g. Restriction of access to system configurations, superuser functionality, master passwords, powerful utilities, and Security devices (for example, firewalls).
	Are attacks that target the virtual infrastructure prevented with technical controls?	Yes		
Infrastructure & Virtualization Security	Are file integrity (host) and network intrusion detection (IDS) tools implemented to help facilitate timely detection, investigation by root cause analysis and response to incidents?	Yes		
Audit Logging / Intrusion Detection	Is physical and logical user access to audit logs restricted to authorized personnel?	Yes	S3.7	(S3.7) Procedures exist to identify, report, and act upon system Security breaches and other incidents.
	Can you provide evidence that due diligence mapping of regulations and standards to your controls/Architecture/processes has been done?	Yes		
	Are audit logs centrally stored and retained?	Yes		

	Are audit logs reviewed on a regular basis for security events (e.g., with automated tools)?	Yes		
Infrastructure & Virtualization Security	Do you log and alert any changes made to virtual machine images regardless of their running state (e.g., dormant, off or running)?			
Change Detection	Are changes made to virtual machines, or moving of an image and subsequent validation of the image's integrity, made immediately available to customers through electronic methods (e.g., portals or alerts)?	Yes		
<hr/>				
Infrastructure & Virtualization Security	Do you use a synchronized time-service protocol (e.g., NTP) to ensure all systems have a common time reference?	Yes	S3.7	(S3.7) Procedures exist to identify, report, and act upon system security breaches and other incidents.
Clock Synchronization				
Infrastructure & Virtualization Security	Do you provide documentation regarding what levels of system (network, storage, memory, I/O, etc.) oversubscription you maintain and under what circumstances/scenarios?		A3.2.0	(A3.2.0) Measures to prevent or mitigate threats have been implemented consistent with the risk assessment when commercially practicable.
Capacity / Resource Planning				
	Do you restrict use of the memory oversubscription capabilities present in the hypervisor?	Yes		(A4.1.0) The entity's system availability and security performance is periodically reviewed and compared with the defined system availability and related security policies.
	Do your system capacity requirements take into account current, projected and anticipated capacity needs for all systems used to provide services to the tenants?	Yes		
	Is system performance monitored and tuned in order to continuously meet regulatory, contractual and business requirements for all the systems used to provide services to the tenants?		A4.1.0	

Infrastructure & Virtualization Security	Do Security vulnerability assessment tools or services accommodate the virtualization technologies being used (e.g., virtualization aware)?	Yes		
Management - Vulnerability Management				
Infrastructure & Virtualization Security	For your IaaS offering, do you provide customers with guidance on how to create a layered Security Architecture equivalence using your virtualized solution?			
Network Security	Do you regularly update network Architecture diagrams that include data flows between Security domains/zones?	Yes	S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
	Do you regularly review for appropriateness the allowed access/connectivity (e.g., firewall rules) between Security domains/zones within the network?	Yes		
	Are all firewall access control lists documented with business justification?	Yes		

Infrastructure & Virtualization Security	Are operating systems hardened to provide only the necessary ports, protocols and services to meet business needs using technical controls (i.e. antivirus, file integrity monitoring and logging) as part of their baseline build standard or template?	Yes		
OS Hardening and Base Controls				
Infrastructure & Virtualization Security	For your SaaS or PaaS offering, do you provide tenants with separate environments for production and test processes?			
Production / Nonproduction Environments	For your IaaS offering, do you provide tenants with guidance on how to create suitable production and test environments?		S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
	Do you logically and physically segregate production and non-production environments?	Yes		
Infrastructure & Virtualization Security	Are system and network environments protected by a firewall or virtual firewall to ensure business and customer security requirements?	Yes		
Segmentation	Are system and network environments protected by a firewall or virtual firewall to ensure compliance with legislative, regulatory and contractual requirements?	Yes		
	Are system and network environments protected by a firewall or virtual firewall to ensure separation of production and non-production environments?	Yes	S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
	Are system and network environments protected by a firewall or virtual firewall to ensure protection and isolation of sensitive data?	Yes		
Infrastructure & Virtualization Security	Are secured and encrypted communication channels used when migrating physical servers, applications or data to virtual servers?			
VM Security - Data Protection	Do you use a network segregated from production-level networks when migrating physical servers, applications or data to virtual servers?			

Infrastructure & Virtualization Security	Do you restrict personnel access to all hypervisor management functions or administrative consoles for systems Hosting virtualized systems based on the principle of least privilege and supported through technical controls (e.g., two-factor Authentication , audit trails, IP address filtering, firewalls and TLS-encapsulated communications to the administrative consoles)?	Yes		
VMM Security - Hypervisor Hardening				
Infrastructure & Virtualization Security	Are policies and procedures established and mechanisms configured and implemented to protect the wireless network environment perimeter and to restrict unauthorized wireless traffic?	Yes		
Wireless Security	Are policies and procedures established and mechanisms implemented to ensure wireless Security settings are enabled with strong encryption for Authentication and transmission, replacing vendor default settings? (e.g., encryption keys, passwords, SNMP community strings)	Yes	S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.
	Are policies and procedures established and mechanisms implemented to protect wireless network environments and detect the presence of unauthorized (rogue) network devices for a timely disconnect from the network?	Yes		
Infrastructure & Virtualization Security	Do your network Architecture diagrams clearly identify high-risk environments and data flows that may have legal Compliance impacts?		S3.4	(S3.4) Procedures exist to protect against unauthorized access to system resources.

NetworkArchitecture

Do you implement technical measures and apply defense-in-depth techniques (e.g., deep packet analysis, traffic throttling and black-holing) for detection and timely response to network-based attacks associated with anomalous ingress or egress traffic patterns (e.g., MAC spoofing and ARP poisoning attacks) and/or distributed denial-of-service (DDoS) attacks?

Interoperability & Portability

Do you publish a list of all APIs available in the service and indicate which are standard and which are customized?

APIs

Interoperability & Portability

Is unstructured customer data available on request in an industry-standard format (e.g., .doc, .xls, or .pdf)?

Data Request

Interoperability & Portability

Do you provide policies and procedures (i.e. service level agreements) governing the use of APIs for interoperability between your service and third-party applications?

Policy & Legal

Do you provide policies and procedures (i.e. service level agreements) governing the migration of application data to and from your service?

Interoperability & Portability

Can data import, data export and service management be conducted over secure (e.g., non-clear text and authenticated), industry accepted standardized network protocols?

Standardized Network Protocols

Do you provide consumers (tenants) with documentation detailing the relevant interoperability and portability network protocol standards that are involved?

Interoperability & Portability

Do you use an industry-recognized virtualization platform and standard virtualization formats (e.g., OVF) to help ensure interoperability?

Virtualization

Do you have documented custom changes made to any hypervisor in use, and all solution-specific virtualization hooks available for customer review?

Mobile Security

[Do you provide anti-malware training specific to mobile devices as part of your informationSecurityawareness training?](#) Yes

Anti-Malware

Mobile Security

Do you document and make available lists of approved application stores for mobile devices accessing or storing company data and/or company systems?

Application Stores

Mobile Security

Do you have a policy enforcement capability (e.g., XACML) to ensure that only approved applications and those from approved application stores be loaded onto a mobile device?

Approved Applications

Mobile Security

Does your BYOD policy and training clearly state which applications and applications stores are approved for use on BYOD devices?

Approved Software for BYOD

Mobile Security

Do you have a documented mobile device policy in your employee training that clearly defines mobile devices and the accepted usage and requirements for mobile devices? Yes

Awareness and Training

Mobile Security

[Do you have a documented list of pre-approved Cloudbased services that are allowed to be used for use and storage of company business data via a mobile device?](#)

[CloudBased Services](#)

Mobile Security

[Do you have a documented application validation process for Testing device, operating system and application compatibility issues?](#)

Compatibility

Mobile Security

Do you have a BYOD policy that defines the device(s) and eligibility requirements allowed for BYOD usage?

Device Eligibility

Mobile Security

Do you maintain an inventory of all mobile devices storing and accessing company data which includes device status (os system and patch levels, lost or decommissioned, device assignee)?

Device Inventory

Mobile Security

Do you have a centralized mobile device management solution deployed to all mobile devices that are permitted to store, transmit, or process company data?

Device Management

Mobile Security	Does your mobile device policy require the use of encryption for either the entire device or for data identified as sensitive enforceable through technology controls for all mobile devices?	Yes
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Encryption

Mobile Security	Does your mobile device policy prohibit the circumvention of built-in security controls on mobile devices (e.g., jailbreaking or rooting)?	Yes
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Jailbreaking and Rooting	Do you have detective and preventative controls on the device or via a centralized device management system which prohibit the circumvention of built-in security controls?	Yes
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Mobile Security	Does your BYOD policy clearly define the expectation of privacy, requirements for litigation, e-discovery and legal holds?	Yes
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Legal	Do you have detective and preventative controls on the device or via a centralized device management system which prohibit the circumvention of built-in security controls?	Yes
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Mobile Security	Do you require and enforce via technical controls an automatic lockout screen for BYOD and company owned devices?	Yes
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Lockout Screen

Mobile Security	Do you manage all changes to mobile device operating systems, patch levels and applications via your company's change management processes?	
Operating Systems		
Mobile Security	Do you have password policies for enterprise issued mobile devices and/or BYOD mobile devices?	Yes
Passwords	Are your password policies enforced through technical controls (i.e.MDM)?	Yes
	Do your password policies prohibit the changing ofAuthenticationrequirements (i.e. password/PIN length) via a mobile device?	Yes
Mobile Security	Do you have a policy that requires BYOD users to perform backups of specified corporate data?	
Policy	Do you have a policy that requires BYOD users to prohibit the usage of unapproved application stores?	
	Do you have a policy that requires BYOD users to use anti-malware software (where supported)?	Yes
Mobile Security	Does your IT provide remote wipe or corporate data wipe for all company-accepted BYOD devices?	Yes
Remote Wipe	Does your IT provide remote wipe or corporate data wipe for all company-assigned mobile devices?	Yes
Mobile Security	Do your mobile devices have the latest available security-related patches installed upon generalReleaseby the device manufacturer or carrier?	
SecurityPatches	Do your mobile devices allow for remote validation to download the latestSecuritypatches by company IT personnel?	
Mobile Security	Does your BYOD policy clarify the systems and servers allowed for use or access on the BYOD-enabled device?	
Users	Does your BYOD policy specify the userRolethat are allowed access via a BYOD-enabled device?	

SecurityIncident Management, E-Discovery & CloudForensics	Do you maintain liaisons and points of contact with local authorities in accordance with contracts and appropriate regulations?	Yes		
Contact / Authority Maintenance				
SecurityIncident Management, E-Discovery & CloudForensics			IS3.7.0	(IS3.7.0) Procedures exist to identify, report, and act upon systemSecuritybreaches and other incidents.
	Do you have a documentedSecurityincident response plan?	Yes		
Incident Management				
	Do you integrate customized tenant requirements into yourSecurityincident response plans?	Yes		(S3.9.0) Procedures exist to provide that issues of noncompliance with system availability, confidentiality of data, processing integrity and relatedSecuritypolicies are promptly addressed and that corrective measures are taken on a timely basis.
	Do you publish a Roles and responsibilities document specifying what you vs. your tenants are responsible for duringSecurityincidents?	Yes		
	Have you tested yourSecurityincident response plans in the last year?	Yes	S3.9.0	
SecurityIncident Management, E-Discovery & CloudForensics			A2.3.0	(A2.3.0, C2.3.0, I2.3.0, S2.3.0) Responsibility and accountability for the entity's system availability, confidentiality of data, processing integrity and relatedSecuritypolicies and changes and Updates to those policies are communicated to entity personnel responsible for implementing them.
	Does yourSecurityinformation and event management (SIEM) system merge data sources (app logs, firewall logs, IDS logs, physical access logs, etc.) for granular analysis and alerting?	Yes		
IncidentReporting			C2.3.0	
			I2.3.0	(S2.4) The process for informing the entity about breaches of the systemSecurityand for submitting complaints is communicated to authorized users.
			S2.3.0	

			(C3.6.0) The entity has procedures to obtain assurance or representation that the confidentiality policies of third parties to whom information is transferred and upon which the entity relies are in conformity with the entity's defined system confidentiality and relatedSecuritypolicies and that the third party is inCompliancewith its policies.
		S2.4	
	Does your logging and monitoring framework allow isolation of an incident to specific tenants?	Yes	C3.6.0
SecurityIncident Management, E-Discovery &CloudForensics			(S2.4.0) The process for informing the entity about system availability issues, confidentiality issues, processing integrity issues,Securityissues and breaches of the systemSecurityand for submitting complaints is communicated to authorized users.
		S2.4.0	
Incident Response Legal Preparation	Does your incident response plan comply with industry standards for legally admissible chain-of-custody management processes and controls?	Yes	
			(C3.15.0) Procedures exist to provide that issues of noncompliance with defined confidentiality and relatedSecuritypolicies are promptly addressed and that corrective measures are taken on a timely basis.
	Does your incident response capability include the use of legally admissible forensic data collection and analysis techniques?	Yes	
	Are you capable of supporting litigation holds (freeze of data from a specific point in time) for a specific tenant without freezing other tenant data?	Yes	
	Do you enforce and attest to tenant data separation when producing data in response to legal subpoenas?	Yes	C3.15.0

SecurityIncident Management, E-Discovery &CloudForensics

S3.9.0

(S3.9.0) Procedures exist to provide that issues of noncompliance withSecuritypolicies are promptly addressed and that corrective measures are taken on a timely basis.

Incident Response Metrics

Do you monitor and quantify the types, volumes and impacts on all informationSecurityincidents? Yes

(C4.1.0) The entity's system security, availability, system integrity, and confidentiality is periodically reviewed and compared with the defined system security, availability, system integrity, and confidentiality policies.

Will you share statistical information forSecurityincident data with your tenants upon request?

C4.1.0

Supply Chain Management, Transparency and Accountability

Do you inspect and account for data quality errors and associated risks, and work with yourCloudsupply-chain partners to correct them?

Data Quality and Integrity

Do you design and implement controls to mitigate and contain dataSecurityrisks through proper separation of duties, role-based access, and least-privileged access for all personnel within your supply chain? Yes

Supply Chain Management, Transparency and Accountability

Do you makeSecurityincident information available to all affected customers and providers periodically through electronic methods (e.g., portals)? Yes

IncidentReporting

Supply Chain Management,
Transparency and Accountability

[Do you collect capacity and use data for all relevant components of your Cloud service offering?](#)

Yes

C2.2.0

(C2.2.0) The system security, availability, system integrity, and confidentiality and related Security obligations of users and the entity's system security, availability, system integrity, and confidentiality and related Security commitments to users are communicated to authorized users.

Network / Infrastructure Services

Do you provide tenants with capacity planning and use reports?

Supply Chain Management,
Transparency and Accountability

Do you perform annual internal assessments of conformance and effectiveness of your policies, procedures, and supporting measures and metrics?

Yes

Provider Internal Assessments

Supply Chain Management,
Transparency and Accountability

S2.2.0

(S2.2.0) The availability, confidentiality of data, processing integrity, systemSecurityand relatedSecurityobligations of users and the entity's availability and relatedSecuritycommitments to users are communicated to authorized users.

Third Party Agreements

[Do you select and monitor outsourced providers inCompliancewith laws in the country where the data is processed, stored and transmitted?](#)

(A3.6.0) Procedures exist to restrict physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers.

(C3.6.0) The entity has procedures to obtain assurance or representation that the confidentiality policies of third parties to whom information is transferred and upon which the entity relies are in conformity with the entity's defined system confidentiality and relatedSecuritypolicies and that the third party is inCompliancewith its policies.

A3.6.0

[Do you select and monitor outsourced providers inCompliancewith laws in the country where the data originates?](#)

Does legal counsel review all third-party agreements? Yes

[Do third-party agreements include provision for theSecurityand protection of information and assets?](#) Yes

Do you provide the client with a list and copies of all subprocessing agreements and keep this updated? Yes

C3.6.0

Supply Chain Management, Transparency and Accountability	Do you review the risk management and governance processes of partners to account for risks inherited from other members of that partner's supply chain?	Yes
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Supply Chain Governance Reviews

Supply Chain Management, Transparency and Accountability	Are policies and procedures established, and supporting business processes and technical measures implemented, for maintaining complete, accurate and relevant agreements (e.g., SLAs) between providers and customers (tenants)?	Yes
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Supply Chain Metrics	Do you have the ability to measure and address non-conformance of provisions and/or terms across the entire supply chain (upstream/downstream)?	Yes
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Can you manage service-level conflicts or inconsistencies resulting from disparate supplier relationships?

Do you review all agreements, policies and processes at least annually?	Yes
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Supply Chain Management, Transparency and Accountability	Do you assure reasonable informationSecurityacross your information supply chain by performing an annual review?	Yes
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Third Party Assessment	Does your annual review include all partners/third-party providers upon which your information supply chain depends?	Yes
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Supply Chain Management,
Transparency and Accountability

S3.1.0

[\(S3.1.0\) Procedures exist to \(1\) identify potential threats of disruption to systems operation that would impair systemSecuritycommitments and \(2\) assess the risks associated with the identified threats.](#)

Third Party Audits

Do you permit tenants to perform independent vulnerability assessments?	Yes
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(x3.1.0) Procedures exist to (1) identify potential threats of disruptions to systems operations that would impair system [availability, processing integrity, confidentiality] commitments and (2) assess the risks associated with the identified threats.

Do you have external third party services conduct vulnerability scans and periodic penetration tests on your applications and networks?	yes
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x3.1.0

Threat and Vulnerability Management	Do you have anti-malware programs that support or connect to your Cloud service offerings installed on all of your systems?	Yes			
			S3.5.0		(S3.5.0) Procedures exist to protect against infection by computer viruses, malicious codes, and unauthorized software.
Antivirus / Malicious Software	Do you ensure that Security threat detection systems using signatures, lists or behavioral patterns are updated across all infrastructure components within industry accepted time frames?	Yes			
Threat and Vulnerability Management	Do you conduct network-layer vulnerability scans regularly as prescribed by industry best practices?	Yes			
Vulnerability / Patch Management	Do you conduct application-layer vulnerability scans regularly as prescribed by industry best practices?	Yes			
	Do you conduct local operating system-layer vulnerability scans regularly as prescribed by industry best practices?	Yes			
	Will you make the results of vulnerability scans available to tenants at their request?		S3.10.0		(S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined system Security policies to enable authorized access and to prevent unauthorized access.
	Do you have a capability to rapidly patch vulnerabilities across all of your computing devices, applications and systems?	Yes			
	Will you provide your risk-based systems patching time frames to your tenants upon request?	Yes			
Threat and Vulnerability Management			S3.4.0		(S3.4.0) Procedures exist to protect against infection by computer viruses, malicious code, and unauthorized software.
Mobile Code					
	Is mobile code authorized before its installation and use, and the code configuration checked, to ensure that the authorized mobile code operates according to a clearly defined Security policy?	Yes			(S3.10.0) Design, acquisition, implementation, configuration, modification, and management of infrastructure and software are consistent with defined system Security policies to enable authorized access and to prevent unauthorized access.
	Is all unauthorized mobile code prevented from executing?	Yes	S3.10.0		