Cloud Service Provider Disclosure (SS 584:2020 MTCS)

The form is to be completed for each cloud service provided. For questions not applicable or not disclosed, indicate accordingly in the remarks. Date of disclosure:			ot		
Applicable cloud	d service(s):	HCM, ERP, CX ar	nd SCM		-
Cloud Service Pr	rovider Contac	et Information			
Company name:	Oracle				
Primary address:	Oracle Buildir	ng 100, 100 Oracle Pkv	<u>vy</u>		
	Redwood Cit	y, CA 94065, USA			
	(Building 600	- Floor 1 and 4)			
Web address: _	https://www.ora	cle.com/sg/corporate/	_		
Contact name: _			_		
Contact number: _			_ Contact email: _	salesinquiry_sg@oracle.com	
Company stamp:			Company represe	entative signature:	
Certification Bod	ly Contact Info	ormation			
Company name:	EY CertifyPoi	nt			
Web address: _	www.ey.com		_		
Contact name: _	Ishan Yadav		_		
Contact number: _	+31 62908311	4	_ Contact email: _	ishan.yadav@nl.ey.com	
•					
Company stamp:			Lead auditor sign	ature:	
Cloud Service Pr	rovider Backg	round			
Overview of servi	ce offering:				
innovation; <u>deploymer</u> environme	; easily maintain at models to enal nts; compatible t	able to reduce integration of the interchangeability at one casily move workloates.	on and testing work and extendibility bet ds between on-prer	able customers with shorter time to k; connectable among differing ween cloud and on-premise IT mise IT environments and the Oracle; and secure, standards-based and	
Service model:					
☐ Virtual	l machine insta	nces owned by the c	loud service custo	omer	
☐ Netwo	ork facilities				

Depl	✓ Complian oyment model:	ce with applicable standards	
	☐ Private cl	oud	
	☐ Communi	ty cloud	
	☐ Hybrid clo	bud	
	✓ Public clo		
Tier:			
	Level 1		
	Level 2		
	✓ Level 3		
No.	Criteria	Description	Remarks
Lega	l and Complianc	е	
1.	Right to audit	The cloud service customer has the right to audit:	This form is completed with the questions only
	J	☐ Virtual machine instances owned by the cloud service customer	related to Oracle SaaS cloud services that are in-scope.
		☐ Network facilities	For the questions related to laaS/PaaS, e.g. VMs, Network/DC facilities,
		 ✓ Compliance with applicable standards 	please read in conjunction with the Oracle Cloud
		✓ Technical controls	Infrastructure(OCI) disclosure form which is provided in the OCI MTCS audit.
		✓ Policies and governance	WTCG addit.
		☐ Data centre facilities	
		☐ Others	
		None	
		Regulators recognised by Singapore law have the right to audit:	
		☐ Virtual machine instances owned by the cloud service customer	
		☐ Network facilities	
		✓ Compliance with applicable standards	
		✓ Technical controls	
		✓ Policies and governance	
		☐ Data centre facilities	
		☐ Others	

		☐ None	
		Audit / assessment reports that can be made available on request:	
		✓ Penetration test	
		✓ Threat and vulnerability risk assessment	
		✓ Vulnerability scan	
		✓ Audit reports (e.g. Statement on Standards for Attestation Engagements (SSAE) No. 16, Reporting on Controls at a Service Organisation)	
2.	Compliance	The following guidelines / standards / regulations are adhered to:	
		✓ Singapore Personal Data Protection Act	
		☑ ISO/IEC 27001	
		☑ ISO 9000	
		☑ ISO/IEC 20000	
		✓ CSA Open Certification Framework	
		✓ PCI-DSS	
		Others SOC-1, SOC-2, HIPAA	
Data	Control		
3.	Data ownership	All data on the cloud service is owned by the cloud service customer except for: Oracle Software, other Oracle products and services, and Oracle intellectual property, and all derivative works	
		The cloud service customer retains the ownership on the derived data or attributes of cloud usage except for the following:	
		✓ Advertising or marketing	
		✓ Statistics analysis on usage	
		Oracle Software, other Oracle products and services, and Oracle intellectual property, and all derivative works	
4.	Data retention	Data deleted by the cloud service customer is retained as follows:	
		✓ Minimum data retention period is:60 days	
		Maximum data retention period is:	
		Deleted immediately	
		Log data is retained for a period of:	
		✓ Minimum data retention period as follows:	

		☐ Maximum data retention period is:	
		☐ Not retained	
		Cloud service customer data is retained for a period of:	
		✓ Minimum data retention period is:60 days	
		☐ Maximum data retention period is:	
		☐ Not retained	
		The following types of data are available for download by the cloud service customer:	
		☐ Log data	
		✓ OthersCustomer users access logs provided in the apps	
5.	Data	The primary data locations are:	
	sovereignty	Singapore	
		✓ Asia Pacific	
		☐ Europe	
		☐ United States	
		☐ Others	
		The backup data locations are:	
		☐ Singapore	
		✓ Asia Pacific	
		☐ Europe	
		☐ United States	
		☐ Others	
		No. of countries in which data centres are operated:	
		The cloud service customer's data stored in the cloud environment will never leave the locations specified in item 5:	
		✓ Yes	
		Yes, except as required by law	
		Yes, except as noted:	

		☐ No	
		Cloud service customer's consent is required prior to transferring data to a location not specified in item 5 or a third party:	
		✓ Yes	
		Yes, except as required by law	
		Yes, except as noted:	
		☐ No	
		Note: Cloud service customers are responsible for determining the impact of data protection and data sovereignty laws on the locations where data is stored. In addition, cloud service customers should understand the risks associated with relevant laws that may allow for law enforcement or other government access to data in-transit or storage with Cloud Service Providers.	
6.	Non- disclosure	✓ Non-disclosure agreement template can be provided by Cloud Service Provider	
		☐ Cloud Service Provider may use customer's NDA (pending legal review)	
Prov	ider Performance		
7.	Availability	The committed network uptime is:	
		√ 99.7 %	
		☐ Varies according to price plan	
		The committed system uptime is:	
		√ 99.7 %	
		☐ Varies according to price plan	
		The cloud environment has the following single points of failure:	
8.	3 rd party dependency	Highlight areas of critical dependency for service delivery: Co-lo DC service, ISPs	
9.	BCP / DR	✓ Disaster recovery protection	

		✓ Backup and restore service	The RPO and RTO for SaaS services are different from service to service,
		☐ Cloud service customer selectable backup plans	please refer to the SaaS Pillar document for more details.
		✓ Escrow arrangements	
		☐ No BCP / DR is available	
		✓ RPO Generally, 1 hour, vary on services	
		✓ RTO Generally, 12 hours, vary on services	
		Others, please specify:	
10.	Liability	The following terms are available for the cloud service customers on failure of the provider to meet the service commitment:	Please refer to the Host and Delivery Policy for more details about the service commitment and
		☐ Network failure	the terms of unplanned downtime.
		Liability:	
		☐ Infrastructure failure	
		Liability:	
		☐ Virtual machine instance failure	
		Liability:	
		☐ Migrations	
		Liability:	
		✓ Unscheduled downtime	
		Liability: Oracle	
		☐ Database failure	
		Liability:	
		☐ Monitoring failure	
		Liability:	
11.	Shared responsibility	✓ Communication of shared roles & responsibilities for which CSC needs to implement and manage for use of this cloud service	
		URL (or attach file): Oracle CSA: https://www.oracle.com/a/ocom/docs/corporate/cloud-csa-sg-eng-v040119.pdf	
Serv	ice Support		
12.	Change management	The Cloud Service Provider has established the following for changes, migrations, downtime, and other potential interruptions to cloud services:	

		✓ Communication plan and procedures for proactive notification	
		Assistance in migration to new services when legacy solutions are discontinued	
		✓ Ability to remain on old versions for a defined time period	
		✓ Ability to choose timing of impact	
13.	Self-service provisioning and management portal	Provide self-service provisioning and management portal for cloud service customers to manage cloud services: Yes No If yes, describe the functions of the self-service provisioning and management portal provided: Allow role-based access control (RBAC) Manage resource pools (e.g. VMs, storage, and network) and service templates Track and manage the lifecycle of each service Track consumption of services Health monitoring Others:	
14.	Incident and problem	Delivery mode of support:	
	management	✓ Access via email	
		✓ Access via portal	
		✓ Access via phone support	
		☐ Direct access to support engineers	
		Availability of support:	
		✓ 24 x 7	
		During office hours support, please specify the hours of operations:	
		After office hours support, please specify the hours of operations:	
		Service response time:	

		Notification time of cloud service outage incident: Oracle will notify you of a confirmed Personal Information Breach without undue delay but at the latest within 24 hours Communication channel used for notification of cloud service outage incident: Portal or email The following are available to cloud service customers upon request: □ Permanent access to audit records of customer instances ☑ Incident management assistance Incident response time: within 24 hours Mean time to repair on detection of faults:	
15.	Billing	The following billing modes are available (please elaborate granularity of charges and measurement): Pay per usage (up to per min/hour/day/month for compute/storage for laaS/PaaS, and per cloud service customer per hour/day/month/year for SaaS) Fixed pricing (up to yearly/monthly/daily) Other pricing model Not disclosed Available billing history: months	SaaS cloud services have different billing models. Please refer to the Oracle SaaS service description document for details.
16.	Data portability	Importable VM formats:	

		☐ Physical media	
		✓ Standard methods as described above	
		Other methods	
		· · · · · · · · · · · · · · · · · · ·	
17.	Interoperability	Use of industry standards and availability of APIs to support interoperability:	
		✓Transport supported (e.g. REST based HTTPS/MQTT) _HTTPS_	
		Format supported (e.g. JSON/XML)JSON, XML	
		✓ APIs supportedREST, SOAP, ICS, FA	
		Other methods	
		Guide availablehttps://docs.oracle.com/en/cloud/saas/financials/21c/api.html	
18.	Access	Type of access to the service is through:	
		✓ Public access	
		☐ Private access (e.g. VPN, dedicated link)	
		☐ IPv6 access is supported	
		☐ Other access methods	
		Public access speed (shared bandwidth) in Mbps: Check with Ops team	
		Check with Ops team	
19.	User management	✓ Identity management	
		✓ Role based access control	
		✓ Federated access model	
		✓ Integration with Identity management solutions	
		Others	
20.	Lifecycle	The cloud service customer may select the following for service upgrades and changes:	
		✓ Automatic provisioning	
		✓ Cloud service customer customisable provisioning	

Secu	Security Configurations		
21.	Security configuration enforcement checks	Security configuration enforcement checks are performed: Manually Using automated tools How often are enforcement checks being performed to ensure all security configurations are applied? Check with Ops team	
22.	Multi-tenancy	 □ Distinct physical hosts □ Distinct physical network infrastructure ☑ Virtual instance grouping ☑ Cloud service customer definable security domains ☑ Cloud service customer customisable firewall ☑ Cloud service customer definable access policies 	
23.	Hybrid cloud provision	Ability to monitor, track, apply and enforce CSC's security & privacy policies on its cloud workloads: Data protection and encryption key mgmt. enforcement geolocation-based/resource pools and secure migration of cloud workloads Key mgmt. and keystore controlled by CSC Persistent data flow segmentation before and after geolocation-based/resource pools secure migration Compliance enforcement for regulated workloads between on-premises private and hybrid/public cloud Others	
Serv	ice Elasticity		
24.	Capacity elasticity	The following capacity elasticity options are available: Programmatic interface to scale up or down Mean time to start and end new virtual instances Alerts to be sent for unusual high usage Minimum performance during peak periods Minimum duration to scale up computing resources Minimum additional capacity guaranteed per account	

		(number of cores and GB memory)
25.	Network	The following network resiliency and elasticity options are available:
	resiliency and elasticity	✓ Redundant Internet connectivity links
		✓ Redundant Internal connectivity
		✓ Selectable bandwidth up to Mbps
		✓ Maximum usable IPs
		✓ Load balancing ports
		✓ Load balancing protocols HTTP/1.1
		✓ Anti-DDOS protection systems or services
		✓ Defence-in-depth mechanisms, please specify:
		DNS&BGP, SIEM, threat and vul mgmt, NIDS, FW, ACL, IRP, OEM
		✓ Network traffic isolation, please specify:
		OCI native isolation
		✓ Shared or dedicated bandwidth, please specify:
		Shared load balancer network
		✓ QoS traffic control services
		✓ Alerts to be sent for unusual high usage
		✓ Minimum performance during peak periods Check with Ops team
		✓ Minimum period to scale up network throughput Check with Ops team
26.	Storage redundancy	The following storage redundancy and elasticity options are available:
	and elasticity	✓ Redundant storage connectivity links within each data centre
		✓ Redundant storage connectivity links between data centres belonging to the same cloud
		Storage traffic isolation, please specify: Customer tenancy in Fusion is separated by VCNs and private subnets. Others may vary from design.
		Need to check with Ops team. ✓ Shared or dedicated storage network bandwidth, please specify:
		Shared. To be confirmed with Ops team
		Quality of service storage traffic control services
		✓ Maximum storage capacity for entire cloud, please specify:
	l	Check with the Ops team

✓ Maximum storage capacity for single cloud service customer, please specify:
✓ Maximum expandable storage, please specify: Check with the Ops team
✓ Alerts to be sent for unusual high usage
✓ Minimum storage I / O performance during peak periods
✓ Minimum period to scale up storage I / O throughput Check with the Ops team