Source: Britis	sh Standard ISO/IEC	20000			
Common Term	Objective	International Standard	COBIT C	ontrol Objective	Applicable State PSG
Continuous Service Improveme nt	The service provider has implemented a policy on service improvement	BS ISO/IEC 20000 4.4.1	PO4.1	IT process framework	PO-09-002 Management of ITOperationsSM-10-006 Performance LifecycleFrameworkSM-10-007 Performance LifecycleManagementSM-10-008 Performance LifecycleStage GateGM-11-001 Performance LifecycleManagement Guidelines
			PO8.2	IT standards and quality practices	PM-04-001 Information Technology Policies and Standards PS-08-005 Enterprise Information Security Charter
			PO8.5	Continuous improvement	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.1	Monitoring approach	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.2	Definition and collection of monitoring data	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.3	Monitoring method	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.4	Performance assessment	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.5	Board and executive reporting	SS-08-053 Information Technology Reporting
			ME1.6	Remedial actions	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME4.1	Establishment of an IT governance framework	PM-04-001 Information TechnologyPolicies and StandardsPS-08-005 Enterprise InformationSecurity CharterSM-11-007 Exemption from StatePolicies and Standards

			DS1.5 DS3.2	Monitoring and reporting of service level achievements Current performance	There are no PSGs published for this topic; however, the topic is under review for future PSGs There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS8.5	and capability Reporting and trend analysis	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			PO8.5	Continuous improvement	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Service Level Manageme nt	The service delivery process is defined, agreed upon with customers and managed to specified levels of service	BS ISO/IEC 20000 6.1	AI2.2	Detailed service design	PM-06-001 Information Technology Review PolicySM-08-103 Information Technology Review (eAPR)SM-14-008 GTA endorsement of Proposed Technology Procurement GM-14-011 Guideline for Obtaining GTA's Endorsement of Proposed Technology SM-14-010 Terms and Conditions for Cloud ServicesSM-05-001 Telecommunications Technology ReviewPM-04-002 Acquisition and Use of Telecommunications Services and Equipment GM-15-004 Mobile Device Management Guidelines SO-10-003 Enterprise Operational EnvironmentSM-11-007 Exemption from State Policies and Standards SM-14-010 Terms and Conditions for
			PO8.4	Customer focus	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS1.1	Service level management framework	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS1.3	Service level agreements	SM-14-010 Terms and Conditions for Cloud Services
			DS1.4	Operating level agreements	There are no PSGs published for this topic; however, the topic is under review for future PSGs

			DS1.5 DS1.6 ME1.4	Monitoring and reporting of service level achievements Review of service level agreements and contracts Performance assessment	There are no PSGs published for this topic; however, the topic is under review for future PSGs There are no PSGs published for this topic; however, the topic is under review for future PSGs There are no PSGs published for this topic; however, the topic is under
Customer Relationshi p Manageme nt	The service provider manages a good relationship between the	BS ISO/IEC 20000 7.2	PO8.4 PO4.15	Customer focus Relationships	review for future PSGs <u>SM-15-001 Data Steward</u> There are no PSGs published for this topic; however, the topic is under review for future PSGs
	service provider and customers based on		AI5.2	Supplier contract management	<u>SM-14-010 Terms and Conditions for</u> <u>Cloud Services</u>
	understanding the customers and the customers' business drivers		DS1.5	Monitoring and reporting of service level achievements	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS2.2	Supplier relationship management	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.2	Definition and collection of monitoring data	SS-08-053 Information Technology Reporting
Supplier Manageme nt	The suppliers are managed to ensure the	BS ISO/IEC 20000 7.3	DS2.1	Identification of all supplier relationships	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	provision of seamless, quality services		DS2.2	Supplier relationship management	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS2.	DS2.3	Supplier risk management	PS-08-014 Personnel Security PS-08-011 Third Party Access SS-08-017 Personnel Identity Verification and Screening SS-08-011 Third-Party Security Requirements
			DS2.4	Supplier performance monitoring	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			AI5.2	Supplier contract management	SM-14-010 Terms and Conditions for Cloud Services

			AI5.3	Supplier selection	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Service Reporting	Service reports are prepared and used for informed decision making	BS ISO/IEC 20000 6.2	DS1.5	Monitoring and reporting of service level achievements	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	and communication		ME1.5	Board and executive reporting	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Information Technology Service Continuity	The service provider uses a process to ensure service continuity	BS ISO/IEC 20000 6.3	PO9.1	IT risk management framework	PS-08-031 Information Security - Risk Management SS-08-041 Risk Management Framework
Manageme nt (ITSCM)	targets agreed upon with customers		PO9.2	Establishment of risk context	PS-08-031 Information Security - Risk Management SS-08-041 Risk Management Framework
			PO9.3	Event identification	PS-08-004 Computer Security Incident Management SS-08-004 Incident Response and Reporting
			PO9.4	Risk assessment	SS-08-042 Independent Security Assessment
			PO9.5	Risk response	SS-12-002 Non-State Technology and Computing Devices
			PO9.6	Maintenance and monitoring a risk action plan	PS-08-003 Appropriate Use of IT Assets SS-08-001 Appropriate Use and Monitoring
			AI1.2	Risk analysis report	<u>SS-08-041 Risk Management</u> <u>Framework</u>
			DS4.1	IT continuity framework	PS-08-025 Business Continuity and Disaster Recovery SS-08-045 Contingency Planning
			DS4.2	IT continuity plans	PS-08-025 Business Continuity and Disaster Recovery SS-08-045 Contingency Planning
			DS4.3	Critical IT resources	<u>SS-08-046 Disaster Recovery - System</u> <u>Backups</u>
			DS4.5	Testing the IT continuity plan	PS-08-025 Business Continuity and Disaster Recovery
			DS4.6	IT continuity plan training	PS-08-025 Business Continuity and Disaster Recovery
			DS4.7	Distribution of the IT continuity plan	PS-08-025 Business Continuity and Disaster Recovery

			DS4.8	IT services recovery and resumption	PS-08-025 Business Continuity and Disaster Recovery
			DS4.9	Offsite backup storage	PS-08-026 Media Controls GM-13-001 Retention of Data Backup Media and Records Management Media
			DS4.10	Post- resumption review	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Availability Manageme nt	The service provider uses a process to ensure	BS ISO/IEC 20000 6.3	DS3.4	IT resources availability	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	availability targets agreed upon with customers		DS3.5	Monitoring and reporting	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS4.3	Critical IT resources	<u>SS-08-046 Disaster Recovery - System</u> <u>Backups</u>
			DS4.8	IT services recovery and resumption	PS-08-025 Business Continuity and Disaster Recovery
Capacity Manageme nt	Manageme provider has	BS ISO/IEC 20000 6.5	PO3.3	Monitoring of future trends and regulations	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	processes to ensure sufficient capacity to meet current and future agreed demands of the		Al1.1	Definition and maintenance of business functional and technical requirements	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	customers' business needs		DS1.5	Monitoring and reporting of service level achievements	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS3.1	Performance and capacity planning	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS3.2	Current performance and capacity	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS3.3	Future performance and capacity	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS3	DS3.4	IT resources availability	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS3.5	Monitoring and reporting	There are no PSGs published for this topic; however, the topic is under review for future PSGs

			DS13.2	Job scheduling	SO-14-001 IBM Batch Job Processing SO-04-003 IBM Mainframe Production Acceptance - Batch Jobs
			DS13.3	IT infrastructure monitoring	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Service Catalog Manageme	A service catalog should define all services. It	BS ISO/IEC 20000 6.1.1	DS1.2	Definition of services	There are no PSGs published for this topic; however, the topic is under review for future PSGs
nt	should be easily accessible and widely available for both customers and support staff		DS6.1	Definition of services	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Information Technology Security Manageme nt (ITSM)	The service provider manages information security effectively within all service	BS ISO?IEC 20000 6.6	DS5.1	Information security management in state governance framework	PS-08-005 Enterprise Information Security Charter SS-08-006 Information Security Management Organization SM-15-001 Data Steward
	activities		DS5.2	IT security plan	PS-08-012 Data and AssetCategorizationPS-08-029 Security Controls Reviewand AssessmentsSS-08-002 Classification of PersonalInformationSS-08-014 Data Categorization - ImpactLevels
			AI3.2	Infrastructure resource protection and availability	SS-08-015 Facilities Security
			DS5.6	Security incident definition	PS-08-004 Computer Security Incident Management SS-08-004 Incident Response and Reporting
Incident Manageme nt	The service provider responds to service and	BS ISO/IEC 20000 8.2	DS8.1	Service desk	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	service request incidents as soon as possible		DS8.2	Registration of customer queries	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS8.3	Incident escalation	SS-08-004 Incident Response and Reporting
			DS8.4	Incident closure	There are no PSGs published for this topic; however, the topic is under review for future PSGs

Fulfillment provi custc user	The service provider manages customer and user requests that are part of normal	er manages her and equests that		Impact assessment, prioritization and authorization	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	operations		AI6.5	Change closure and documentation	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			AI7.8	Promotion to production	SA-10-001 Placing Applications into ProductionSA-10-009 Deployment CertificationSS-08-032 System Implementation and Acceptance
			AI7.9	Post- implementation review	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS8.2	Registration of customer queries	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Event Manageme nt	Manageme provider uses		DS3.2	Current performance and capacity	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	management to monitor all events that occur through the IT		DS8.1	Service desk	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	infrastructure as part of normal operation. Exceptions are		DS8.2	Registration of customer queries	PS-08-004 Computer Security Incident Management SS-08-004 Incident Response and Reporting
	escalated.		DS8.3	Incident escalation	PS-08-004 Computer Security Incident Management SS-08-004 Incident Response and Reporting
			DS8.4	Incident closure	PS-08-004 Computer Security Incident Management SS-08-004 Incident Response and Reporting
			DS8.5	Reporting and trend analysis	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS13.3	IT infrastructure monitoring	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Problem Manageme nt	The service provider practices proactive identification and	BS ISO/IEC 20000 8.3	DS10.1	Identification and classification of problems	There are no PSGs published for this topic; however, the topic is under review for future PSGs

	analysis of the cause of incidents and manages		DS10.2	Problem tracking and resolution	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	problems to closure		DS10.3	Problem closure	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			AI2.4	Application security and availability	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			AI4.4	Knowledge transfer to operations and support staff	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Configurati on Manageme	The service provider defines and controls the	BS ISO/IEC 20000 9.1	DS9.1	Configuration repository and baseline	There are no PSGs published for this topic; however, the topic is under review for future PSGs
nt	components of service and infrastructure, and maintains accurate		DS9.2	Identification and maintenance of configuration items	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	configuration information		DS9.3	Configuration integrity review	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Change Manageme nt	The service provider ensures all changes are	BS ISO/IEC 20000 9.2	AI6.1	Change standards and procedures	PS-08-015 Change Management SS-08-026 Operational Change Control
	assessed, approved, implemented and reviewed in a controlled		AI6.2	Impact assessment, prioritization and authorization	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	manner.		AI6.3	Emergency changes	SS-08-026 Operational Change Control
			AI6.5	Change closure and documentation	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			PO4.5	IT organizational structure	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Release Manageme nt	The service provider delivers and tracks	BS ISO/IEC 20000 10.1	PO8.1	Quality management system	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	changes in a release or services, systems,		AI3.4	Feasibility test environment	There are no PSGs published for this topic; however, the topic is under review for future PSGs

	software and hardware into the live environment	AI4.1	Planning for operational solutions	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		AI7.1	Training	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		AI7.3	Implementation plan	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		AI7.4	Test environment	PS-08-020 Separation of Production and Test Environments SS-08-031 Separate Production and Development Environments
		AI7.6	Testing of changes	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		AI7.7	Final acceptance test	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		AI7.8	Promotion to production	SA-10-001 Placing Applications into <u>Production</u> <u>SS-08-027 System Operations</u> <u>Documentation</u>
		AI7.9	Post- implementation review	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Service Transition	Service Transition requires common framework and	PO4.1	IT process framework	PO-089-002 Management of IT Operations
	standards	PO4.11	Segregation of duties	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		P08.2	IT standards and quality practices	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		P08.3	Development and acquisition standards	PM-04-002 Acquisition and Use of Telecommunications Services andEquipmentSM-05-001 TelecommunicationsTechnology ReviewPM-06-001 Information TechnologyReview PolicySM-08-103 Information TechnologyReview (eAPR)SM-14-008 GTA Endorsement of Proposed Technology ProcurementGM-14-011 Guideline for Obtaining GTAs Endorsement of Proposed

	P08.4	Customer focus	SM-11-007 Exemption from State Policies and StandardsSM-14-010 Terms and Conditions for Cloud ServicesThere are no PSGs published for this topic; however, the topic is under review for future PSGs
	PO9.3	Event identification	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	PO10.3	Project management approach	SM-10-006 Performance LifecycleFrameworkSM-10-007 Performance LifecycleManagementGM-11-001 Performance LifecycleManagement GuidelineSM-10-008 Performance LifecycleStage Gate
	PO10.4	Stakeholder commitment	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	PO10.1 1	Project resources	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	AI1.1	Project change control	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	Al1.3	Definition and maintenance of business functional and technical requirements	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	AI2.9	Applications requirements management	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	AI4.1	Planning for operational solutions	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	AI4.2	Knowledge transfer to business management	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	AI4.3	Knowledge transfer to end users	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	AI4.4	Knowledge transfer to operations and support staff	SS-08-027 System Operations Documentation

		A	16.1	Change standards and procedures	PS-08-015 Change Management SS-08-026 Operational Change Control
		A	16.4	Change status tracking and reporting	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		A	17.3	Implementation plan	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		A	.17.4	Test environment	SA-10-001 Placing Applications into Production SS-08-027 System Operations Documentation
		A	17.6	Testing of changes	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		A	17.9	Post- implementation review	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Service Validation and Testing	Validation and Testing	P	09.4	Risk assessment	PS-08-031 Information Security – Risk Management SS-08-041 Risk Management Framework
	service is fit for purpose and fit for use	P	09.5	Risk response	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		A	17.2	Test plan	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			17.6	Testing changes	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			17.7	Final acceptance test	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		A	13.4	Feasibility test environment	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		A	.16.2	Impact assessment, prioritization and authorization	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		AI7.9	17.9	Post- implementation review	There are no PSGs published for this topic; however, the topic is under review for future PSGs

			ME1.1	Monitoring approach	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			ME1.3	Monitoring method	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Access Manageme nt	Processes to allow authorized user to have		DS5.3	Identity management	PS-08-009 Access Control SS-08-010 Authorization and Access Control Management
	access to services		DS5.4	User account management	PS-08-009 Access Control SS-08-010 Authorization and Access Control Management
			DS5.5	Security testing, surveillance and monitoring	PS-08-029 Security Controls Review and Assessments SS-08-042 Independent Security Assessments
IT operations manageme	Operational processes include console		DS4.9	Offsite backup storage	SS-15-002 Data Storage Location GM-13-001 Data Backup Media and Records Management Media
nt structure	nt structure management, operations bridge, job scheduling, backup and restoration, print and output		DS11.5	Backup and restoration	<u>GM-13-001 Data Backup Media and</u> <u>Records Management Media</u>
			DS13.2	Job scheduling	There are no PSGs published for this topic; however, the topic is under review for future PSGs
			DS13.3	IT infrastructure monitoring	PS-08-022 Security Log Management SS-08-036 Log Management Infrastructure
			DS13.4	Sensitive documents and output devices	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	Mainframe management		DS13.2	Job scheduling	SO-04-001 IBM Mainframe Batch Job Scheduling
			DS13.5	Preventive maintenance for hardware	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	Server management and support, OS support, license management, third-level support, procurement advice, system		AI3.2	Infrastructure resource protection and availability	PS-08-002 Accountability of AssetsPS-08-012 Data and AssetCategorizationSS-08-043 Media Protection andHandlingSS-08-047 Network Security –Boundary ProtectionPS-08-024 Use of CryptographySS-08-040 Cryptographic Controls

	security, virtualization, capacity and	AI3.3	Infrastructure maintenance	<u>SS-08-035 Media Sanitization – Vendor</u> <u>Return</u> <u>SS-08-034 Surplus Electronic Media</u>
	performance, routine activities, maintenance, decommissioning and disposal	DS3.2	Current performance and capacity	Disposal There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS5.7	Protection of security technology	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS9.3	Configuration integrity review	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS13.5	Preventive maintenance for hardware	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	Network management, WANs, LANs, MANs, service providers, support and maintenance, DNS management, intrusion detection management, VOIP	AI3.3	Infrastructure maintenance	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS5.1	Network security	PS-08-027 Network Security Controls PS-08-030 Network Security – Information Flow SS-08-047 Network Security – Boundary Protection SS-08-048 Network Access and Session Controls
	On-line storage and backup	DS11.2	Storage and retention arrangements	SS-15-002 Data Storage Location GM-13-001 Data Backup Media and Records Management Media
	Database administration, relation to application management, functions and responsibilities	AI3.3	Infrastructure maintenance	There are no PSGs published for this topic; however, the topic is under review for future PSGs
	Desktop support, policies, standardization, maintenance, interface to release management, support and configuration control	DS8.3	Incident escalation	There are no PSGs published for this topic; however, the topic is under review for future PSGs
		DS13.1	Operations procedures and instructions	SO-03-010 Workstation Operating System

Middleware management,	AI3.3	Infrastructure maintenance	SA-07-020 Integration Middleware
integration of software components, functionality and activities	AC6	Transaction authentication and integrity	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Internet/web management, architecture, design, testing, implementing, maintaining, supporting, interface to content providers and suppliers, back-end apps, website performance issues, information security management	AI3.3	Infrastructure maintenance	SA-03-007 Georgia.Gov Domain Name SA-03-005 Georgia.Gov Intellectual Property Display SA-03-008 Georgia.Gov Linking SA-14-001 Website Accessibility SA-14-002 Website Branding GM-14-005 Website Guidelines
Facilities and data center management, building management, power management, environmental controls, safety, physical security, shipping and receiving, maintenance, interface to contract management	DS12	.5 Physical facilities management	There are no PSGs published for this topic; however, the topic is under review for future PSGs
Information security management and	PO4.	11 Segregation of duties	There are no PSGs published for this topic; however, the topic is under review for future PSGs
service operation. Information security roles in	DS5.	I Management of IT security	SS-08-006 Information Security Management Organization

and in inform securit manag	ty gement in parts of the	DS5.5 DS7.1	Security testing, surveillance and monitoring Identification of education and training needs	PS-08-029 Security Controls Reviewand AssessmentsSS-08-042 Independent SecurityAssessmentsPS-08-010 Security Awareness ProgramSS-08-012 Security Education andAwareness
operat activiti autom review tempo operat audits, comm	ies, nation, ving orary fixes, tional , unication, tion and	PO8.5 DS7.1	Continuous improvement Identification of education and training needs	There are no PSGs published for this topic; however, the topic is under review for future PSGs <u>PS-08-010 Security Awareness Program</u> <u>SS-08-012 Security Education and</u> <u>Awareness</u>