

CLOUD ONLINE BACKUP

RM1557.15 G-Cloud 15 (Lot 2a Infrastructure Software as a Service)



Crown
Commercial
Service
Supplier



ISO
9001
Quality
Management

ISO
27001
Information Security
Management

ISO/IEC
20000-1
Information
Technology Service
Management

CSA STAR
Cloud Security

ISO
22301
Business
Continuity
Management

ISO
50001
Energy
Management

ISO
14001
Environmental
Management

BS
10012
Data
Protection

ISO
27017
Security Controls
for Cloud Services

CCS Approved Supplier:

RM1557.15 G-Cloud 15, RM3764.3 Cyber Security Services 3 DPS, RM6116 Network Services 3, RM6190 Technology Services 4, RM1043.9 Digital Outcomes (DOS) v7, RM3825 HSCN DPS, RM6094 SPARK DPS, RM6200 Artificial Intelligence DPS



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Service Description

Overview of the Service

Organisational data is not "uniform." It is therefore critical to select a backup and recovery solution that supports the full range of data sources, file types, storage media and backup modes to simplify disaster recovery management.

The Exponential-e Cloud Online Backup as a Service ("BaaS") provides an integrated, secure, and automated data protection platform to protect your stored data securely within our UK sovereign cloud environment. The suite encompasses a wide array of agents for integration into your servers, files and applications to provide a robust and application consistent disaster recovery services.

Back up databases, files, applications, endpoints and VMs with maximum efficiency according to data type and recovery profile. Integrate hardware snapshots. Recover data rapidly and easily, whenever you need to, and leverage reports to continually improve backup and recovery processes.

What Can I Do With This Service?

Our Cloud Online Backup service is a holistic data management solution that encompasses traditional and innovative technologies in a single code base and common platform, protecting everything from laptops to your IaaS infrastructure. Data retention can be managed through policies to align to your corporate data retention policies.

Key Product Features

- ✓ Complete data protection solution supporting all major operating systems, applications, and databases on virtual and physical servers, NAS shares, cloud-based infrastructures, and mobile devices.
- ✓ Simplified management through a single console; view, manage, and access all functions and all data and information across the enterprise.
- ✓ Multiple protection methods including backup and archive, snapshot management and content indexing for eDiscovery.
- ✓ Efficient backup storage management through deduplication
- ✓ Application consistent backup and recovery points through an array of integration agents.
- ✓ Complete virtual infrastructure management supporting both VMware and Hyper-V.

- ✓ Advanced security capabilities to limit access to critical data, provide granular management capabilities, and provide single sign on access for Active Directory users.
- ✓ Policy based data management, transcending limitations of legacy backup products by managing data based on business needs and not physical location.

Key Technical Features

Password Management and Password Rotation

Password Management and Password Rotation align customers' existing security policies and procedures with data protection policies. Cloud Online Backup includes a feature that allows for auto generation of passwords. These passwords are changed at random for specific backup user accounts, preventing any unauthorised access the account or the data.

Operating System Support

Our Cloud Online Backup service is designed to replace all common backup methodologies and is ideal for backups of:

- ✓ Servers on customer sites / branch offices
- ✓ Dedicated servers in Data Centres
- ✓ Virtualised servers that are part of Exponential-e's Cloud Platform
- ✓ Laptops and PCs
- ✓ Disaster Recovery and Business Continuity solutions
- ✓ Dedicated solutions

Operating Systems	Virtual Platforms	Applications
✓ Windows Server ✓ Windows Desktop ✓ Mac OS X ✓ Linux ✓ Novell Netware Unix ✓ Apple iOS 5 & up ✓ Android	✓ VMware ✓ Hyper-V	✓ MS SharePoint ✓ MS Exchange Server ✓ MS SQL Server ✓ Oracle DB2 ✓ Lotus Notes and Domino ✓ SAP HANA

Security

Security is a paramount concern for customers utilising the cloud for backing up and recovering their data. Exponential-e's Cloud Online Backup ensures that backup data does not cause privacy breaches.

- ✓ BaaS encrypts the data in-flight and at-rest from cradle to grave
- ✓ FIPS 140.2 certified - an independent third-party certification
- ✓ Key escrow management
- ✓ Password rotation support
- ✓ Data destroyed with certificate of destruction

Range of encryption strengths:

- ✓ triple DES 56-bit (8- Character Key)
- ✓ AES 256-bit (32-character key)

File/Database Recovery

Individual files and databases can be restored anytime either by notifying Exponential-e or by using the self-service portal to initiate the recovery procedure. Files can be restored to the same location or an alternative location depending on client requirements.

Snapshot Management

Snapshot management is featured within our Cloud Online Backup Service, accelerating backup and recovery of applications, systems, virtual machines, and data.

This feature automates the creation of application-aware snapshot copies, and catalogues snapshot data to simplify the recovery of individual files without the need for a collection of scripts and disparate snapshot, backup, and recovery tools.

Deduplication

The integrated deduplication feature reduces backup times while saving on storage and network resources by identifying and eliminating duplicate blocks of data during backups. All data types from Windows, Linux, and UNIX operating systems are de-duplicated before moving the data to secondary storage, reducing the time and bandwidth required to move data by up to 90 percent, reducing the space required for storage, and reducing the time required to restore data.