



**Service Description –
CloudProtect for
CloudDesk**



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Contents

1. INTRODUCTION	3
2. SERVICE INFORMATION	4
2.1. KEY PRODUCT FEATURES	4
2.2. LOCATIONS OF SERVICE	4
2.3. RELATION TO OTHER SERVICES	4
2.4. USING THE SERVICE	4
2.5. REQUESTING ADDITIONAL RESOURCE.....	5
2.6. COMMERCIALS.....	5
2.7. SERVICE LEVELS	5
2.8. ACCESS TO SERVICE	5
2.9. LEVELS OF ACCESS	5
2.10. RESPONSIBILITIES.....	6
2.10.1. RACI Definitions.....	6
MATRIX.....	7
2.11. DOCUMENTATION AND TRAINING.....	7
2.12. STANDARDS AND POLICIES.....	7
2.13. BACKUP AND RESTORE	8
2.14. SCHEDULED MAINTENANCE WINDOWS	8
3. APPENDICES	9
3.1. APPENDIX A – AVAILABILITY TABLE.....	9
3.2. APPENDIX B – GLOSSARY.....	9
4. DOCUMENT CONTROL.....	12

1. Introduction

The purpose of this document is to detail the CloudProtect for CloudDesk service according to ITILv3 standards.

It sets out:

- the key features of the service;
- responsibilities; and
- how you can use the service.

As with all services, we are at times dependent on you, as the Client, to take certain steps to enable us to properly provide the Calligo Service Management. We have described, by way of a RACI matrix, how our responsibilities will be apportioned and what we require from you.

This is intended to help you to identify what we do and, perhaps just as importantly, what we don't do in respect of each service. If you believe any area of responsibility (whether on our behalf or yours) needs to be amended or updated, please contact us at <https://calligo.cloud/io>.

This Service Description is subject to change from time as time, as our services develop to meet our client's needs. We will notify you in writing of such changes as they occur.

If a conflict exists between the terms of (a) our Master Services Agreement and/or standard terms and conditions and (b) this Service Description, the terms of the documents listed at (a) shall govern.

The Service Description forms part of the service design and is used to document the key elements of the service.

2. Service Information

CloudProtect for CloudDesk provides clients an anti-malware service without having to worry about the management of the associated infrastructure.

2.1. Key Product Features

- Agent based anti-Malware protection for CloudDesk desktops
- Agent included in desktop base image for 100% coverage of newly provisioned desktops
- On Access scanning of CloudDesk desktop

2.2. Locations of Service

The service is available in the following Calligo locations:

- Jersey
- Guernsey
- Bermuda
- Zurich
- London
- Singapore

2.3. Relation to other services

The service is dependent on the following services:

- CloudDesk

2.4. Using the service

Client can perform the following with the service:

- Perform anti-Malware scan of an individual CloudDesk desktop

The Client's use of the service is based on the following assumptions; -

- That the Client will follow secure computing best practices
- Be responsible for any remedial work required to its own or third party applications and services, unless otherwise agreed with Calligo.

If the Client fails to meet those assumptions, Calligo will not be able to provide this service in the manner intended, if at all.

2.5. Requesting additional resource

The CloudProtect for CloudDesk service is tied to CloudDesk provisioning, there is no separate action required to deploy additional agents.

Infection remediation services can be provided on request.

2.6. Commercials

The latest prices per unit are available from our Account Management team and/or as contained in your SOW.

2.7. Service Levels

Service Availability target = 99.9% per calendar month. The service is available 24 hours 365 days a year.

NOTE: This service is bound by the SLA of CloudDesk, please refer to that service for overall SLA.

If availability on a monthly basis falls below 99.9%, we will provide credits for the service affected as described below:

Monthly Uptime Percentage < 9.5%	Service Credit - 10% (of monthly charge)
Monthly Uptime Percentage < 99%	Service Credit - 25% (of monthly charge)

(For further information, please see our **Service Level Agreement** - <https://calligo.io/licences>).

2.8. Access to service

Clients who consume the Calligo CloudDesk service can automatically be included in the service. Access to management functions is via web portal only.

2.9. Levels of Access

Clients using the service can have one or more of the following roles:

User – Standard Anti-malware user and can see their own agent on the desktop

Administrator – Client admin who can administer rules and reports

2.10. Responsibilities

The service has split responsibilities to deliver all functionality and the following responsibilities are defined for each party:

2.10.1. RACI Definitions

- Responsible - Those who do the work to achieve the task. There is at least one role with a participation type of responsible
- Accountable - The one ultimately answerable for the correct and thorough completion of the deliverable or task, and the one who delegates the work to those responsible. In other words, an accountable must sign off (approve) work that responsible provides. There must be only one accountable specified for each task or deliverable
- Consulted - Those whose opinions are sought, typically subject matter experts; and with whom there is two-way communication
- Informed - Those who are kept up-to-date on progress, often only on completion of the task or deliverable; and with whom there is just one-way communication

Matrix

Item	Responsible	Accountable	Consulted	Informed
Monitoring and management of the Anti-Malware infrastructure	Calligo	Calligo		
Ensuring Anti-Malware is in place for all protected desktops	Calligo	Calligo		
Ensuring that default policies are pushed to all desktops	Calligo	Calligo		
Ensuring that the Anti-Malware definitions are updated regularly	Calligo	Calligo		
Ensure that Anti-Malware agents are not uninstalled for the CloudDesk	Client	Client	Calligo	
Notification of a malware event	Calligo	Calligo		Client
Infection remediation activities *	Client	Client	Calligo	
Monitoring and management of the Anti-Malware infrastructure	Calligo	Calligo		

*available on request and separately chargeable

2.11. Documentation and Training

The end user documentation for this service is found on the Calligo Supportal as well as from Duo.com. The end user documentation for this service is found on the Calligo Supportal, this will be updated as and when the service is changed. <https://viaje.cloud/support>

There is no formal training provided by Calligo for this service.

2.12. Standards and Policies

This service is compliant with the following compliance standards and policies up to the responsibility boundaries:

- ISO 9001
- ISO 27001
- SSAE 16 SOC 1 – Type 1

2.13. Backup and Restore

There is no client data as part of this service. Calligo will back up the infrastructure to provide recovery of the service if required.

2.14. Scheduled maintenance windows

The service requires a regular maintenance window to ensure that the service is updated and patched as required by Calligo's standards. The scheduled maintenance is taken into account by any SLA for the service so as not to reduce its overall availability. Details of all scheduled maintenance windows can be found at – <https://calligo.io/licences>.

3. Appendices

3.1. Appendix A – Availability Table

Availability %	Downtime per month
90% ("one nine")	72 hours
95% ("one and a half nines")	36 hours
97%	21.6 hours
98%	14.4 hours
99% ("two nines")	7.20 hours
99.5% ("two and a half nines")	3.60 hours
99.8%	86.23 minutes
99.9% ("three nines")	43.8 minutes

3.2. Appendix B – Glossary

256bit AES – An encryption algorithm that keeps data secure. The larger the bit number the harder it is for the data to be decrypted without the key.

Active Directory Federation Services (ADFS) – A Microsoft Windows service to allow two domains to exchange authentication credentials via an encrypted connection over the internet.

Active Directory Synchronisation – A tool to copy user accounts from one domain to another and keep the passwords in synchronisation.

Application consistent – A point in data where the application that uses it will always see it as valid as opposed to crash consistent where the data may be incomplete.

DNS (Domain Name Service) – A computing service used to translate an IP address to a name. Used both for public domains such as www.xyz.com and private internal domains.

GB – Gigabyte of capacity, 1 GB = 1024 Megabytes.

Gold Build – Template from which other virtual machines can be provisioned from. Contains all the required OS and software pre-installed.

High Availability – A configuration that provides for the loss of components within a site and maintain the service that is being delivered without the need to recover from backup or switch to another site.

Infrastructure as a Service (IaaS) – A service that provides computing resources such as memory, CPU, networking and disk to allow for virtual machines to be hosted in a resource consumption based model.

Input Output Operations Per Second (IOPS) – A unit of measurement for disk storage performance.

ITILv3 – Version 3 of the Information Technology Information Library which is a collection of best practice processes and documents to manage an information technology company.

Multiprotocol Label Switching (MPLS) – A network connection for high performance networking over the internet that can use quality of service to provide better reliability.

MB – Megabyte of capacity, 1 MB = 1024 Kilobytes.

Multi-tenant – Shared service or resources to provide a commodity of scale service where users pay for a subset of the service or resources as is required by the user.

Platform – A grouping of technology and services that provide the overall service that is being delivered.

Platform as a Service (PaaS) – A service that provides tools to create computer applications without the need to run virtual machines that have operating systems (OS). The service is consumed on a resource consumption model.

Point-to-Point (P2P) – A private physical network connection between two locations not over the internet.

Protection Group – A group of virtual machines that are replicated together for consistency.

Public IP Address – A unique computerised address used in computer networks to define destinations for communication on the internet.

Recovery Time Objective (RTO) – The time in which a protected item can be made available for use after recovery.

Recovery Point Objective (RPO) – The point at which any protected item can be recovered to. This stipulates the potential amount of lost time or data.

Single sign-on – The use of a single credential to access multiple services or applications.

Software as a Service (SaaS) – A service that provides access to an application for use without access to any associated OS or infrastructure required to run that application. The service is consumed on a resource consumption model.

Solid State Disk (SSD) – A disk with no moving parts offering greater performance than traditional hard disk drives (HDD).

Storage Volumes – A logical partition of a storage system used to hold specific data.

TB – Terabyte of capacity, 1 TB = 1024 Gigabytes.

Two Factor Authentication (2FA) – The use of a secondary one time passcode in addition to a username and password to gain access to a service or application.

User Persona – Settings and data specific to a user's configuration of an operating system or application. Allows for these settings to be transferred between virtual machines.

Virtual datacentre (vDC) – A logical representation of a physical datacentre's resources such as CPU, Memory and Disk.

Virtual Desktop – A virtual representation of a physical desktop comprised of memory, CPU, network and disk. The virtual desktop runs an operating system and applications.

Virtual Machine (VM) – A virtual representation of a physical server or desktop comprised of memory, CPU, network and disk. The virtual machine runs an operating system and applications.

Virtual private network (VPN) – An encrypted network connection over the internet between two end points.

4. Document Control

DOCUMENT OWNER & APPROVAL
The is the owner of this document and is responsible for ensuring that this procedure or process is reviewed in line with the review requirements of Calligo's Integrated Management System.
Approved by Director of Product & Service Development, Calligo on 01 August 2019

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