Acronis Cyber Protect Cloud

Summary of services Acronis Cyber Protect Cloud can provide, and what can be used by the company to assist clients

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Introduction

Acronis Cyber Protect is a service by Acronis that brings together cyber security, endpoint management and backups all into one place, meaning many elements that would be completed by humans can be completed autonomously by this service, at a specified time. With added options such as Patch Management and Antivirus and Antimalware protection, systems can be monitored, patched and security issues can be pointed out when they are apparent.

Acronis can be installed on Windows, OSX, Linux and mobile operating systems. The minimum requirements for Acronis is as followed:

Windows: Windows 7 and later, Windows Server 2008 R2 and later. Windows Defender Antivirus management is supported on Windows 8.1 and later.

Linux: CentOS 7.x, CentOS 8.0, Virtuozzo 7.x, Acronis Cyber Infrastructure 3.x. Other Linux distributions and versions might also support the Cyber Protect features, but have not been tested.

macOS: 10.13.x and later (only Antivirus & Antimalware protection is supported).

(Supported Cyber Protect features by operating system, n.d.)

Support with the Advanced Packs may differ.

Advanced Packs

Advanced Packs are the add-ons that the Acronis service can provide, on top of the backup service they provide. Some of these services below are included in the standard Acronis service, however the Advanced packs to have additional functionality which is not included as standard.

The list below lists a few that may benefit clients and/or their service with us.

Advanced Management

Advanced Management is an advanced pack which allows easy management and monitoring of client services and devices, with abilities to enable remote services, such as patch management and drive health monitoring.

The first addition in this pack is patch management. This allows scheduled patching of a system or device and will install the latest released OS update AND third-party software on the Windows system. Acronis keeps their database up to date with the latest threats and patches, so checking for new patches for each system and software will be easy to complete with the ability to either schedule or manually install each one.

Before each patch is installed, Acronis creates a full system backup, to ensure that you can roll back the changes if a patch is incompatible or creates issues for clients.

The second addition to this is the drive health monitoring, which checks drive health and performance in order to prevent data loss and improve uptime. It will predict when a drive is not healthy, and reports back with findings. This only applies to discs in physical machines, with some elements of the service (such as disc health predictions) only supporting Windows machines.

The disk is labelled one out of four statuses: **OK** (disk health between 70% and 100%), **Warning** (disc health between 30% and 70%), **Critical** (disc health between 0% and 30%) and **Calculating disk data**. The disc health prediction service, which uses AI to predict the disc health of a machine, uses a set of SMART parameters for predictions to be based on. These SMART parameters are then processed, and predictions are generated with a set of characteristics: **disc health current state**, **disc health forecast** and **disc health forecast probability in percentage.** It can only predict a month in advance.

The prices go from 1.05 GBP per machine (buy price), and it works for servers, virtual machines, workstations and hosting servers.

Advanced Security

Advanced Security is an advanced pack which uses AI to protect devices from everyday risks and threats. It uses a mix of back up and antivirus protection to stop malware in its tracks, and to reduce the amount of data lost during attacks.

The main service this pack includes is full-stack anti-malware protection. The malware protection is kept up to date with the latest threats, and real time protection means any imminent issues are dealt with. Data both on the device, and already backed up are scanned, ensuring that you have a clean system and backups. If a system has been in a ransomware attack, Acronis automatically restores data already backed up, and ensures that the system is safe to continue using.

Vulnerability assessments can be generated to allow an understanding of the current risks to each system, using a #CyberFit Score. This score allows an understanding of what risks a system is exposed to, and how to protect it with remediation reports. The #CyberFit Score uses a set of security parameters, mainly the NIST Cybersecurity Framework, to find the potential risks in a system.

Evidence, in an event of a malware attack, is saved in a secure repository, if logs are required. Reports can be found integrated in the Acronis management portal.

The prices go from 0.71 GBP per machine (buy price), and it works for servers, virtual machines, workstations and hosting servers.

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