

How Huawei enables enterprises for Cyber Essentials mark

HUAWEI CLOUD makes trustworthiness the most important aspect of product quality. We are building a globally credible public cloud featuring security, compliance, privacy, transparency, and resilience, enabling our tenants like yourself to have choices of security as-a service as listed below.

For more information on Huawei Cloud, you may visit: <https://www.huaweicloud.com/intl/en-us/>

Overview of Cyber Essentials

The Cyber Essentials mark is a cybersecurity certification for organisations that are embarking on their cybersecurity journey. It serves to recognise that the organisation has put in place good cyber hygiene practices to protect their operations and their customers against common cyber-attacks.

Examples of measures in Cyber Essentials mark:

ASSET

Hardware & Software - Know what hardware and software you have

SECURE/PROTECT

Virus/Malware Protection – Protect yourself from malicious software

Access Control – Control who has access to your data and services

UPDATE

Update your software

Enterprises should refer to CSA's website for more information on Cyber Essentials



How HUAWEI CLOUD enables Enterprises

The features/services listed here enable enterprises to address the following measures in the Cyber Essentials mark¹

ASSET

Knowing your hardware and software

All subscribers of HUAWEI CLOUD will be able to access your dashboard which will allow you to manage and monitor your virtual resources and software, providing you with the ease of asset management. You will get to view details like hardware specification, Operating System (OS) environment, network configuration, security and other details. Should you require information on End-of-Support (EOS), you may request this information via opening a support ticket with our helpdesk.

These are complimentary with our cloud subscription.

SECURE/PROTECT

Control who has access to your data and services

HUAWEI CLOUD has the following access control features:

- a. **Identity and Access Management (IAM):** Secure and reliable external services for identity authentication that can be used for user authentication. In IAM, user can set fine-tuned, granular access with groups and roles. Control access to resources to users from both your enterprise and trusted external agencies. IAM uses one system to manage all users and groups, enforce security policies, protect logins with multi-factor authentication (MFA), and audit logs.

Multi-Factor Authentication (MFA) as recommended within Cyber Essentials. When MFA function is enabled, users who have completed password authentication will receive a one-time SMS authentication code that they must use for secondary authentication. MFA is used by default for changing important or sensitive account information such as passwords or mobile phone numbers.

Both IAM and MFA services are complimentary with our cloud subscription. For more details, please refer to <https://www.huaweicloud.com/intl/en-us/product/iam.html>

- b. **Host Security Service (HSS):** Users can utilize HSS to monitor the processes running on the ECS instance and prohibit abnormal and inactive processes. In addition, users can apply login access control based on whitelisting, geolocation and IP etc.

HSS is chargeable service. For more details, please refer to <https://www.huaweicloud.com/intl/en-us/product/hss.html>

Protect yourself from malicious software like viruses and malware

Host Security Service (HSS): HSS has both anti-virus and anti-malware capabilities to protect user's endpoint in cloud environment by providing virus and malware scan. HSS also has an auto-update feature for latest signature files so to cater for scanning of new viruses and detection of new malware.

HSS is chargeable service. For more details, please refer to <https://www.huaweicloud.com/intl/en-us/product/hss.html>

UPDATE

For Infrastructure-as-a-Service – if the Elastic Cloud Server instances are protected by Host Security Service (HSS), HSS will check the processes, software version, vulnerabilities of the ECS instances continuously to ensure the software is always updated.

For Platform-as-a-Service and Software-as-a-Service applications offered by Huawei Cloud – Huawei Cloud will manage the software patches of the application.

Software updates are complimentary based on your cloud subscription.

¹ – Enterprises seeking Cyber Essentials certification should complement these products and services with additional measures to fully meet the certification requirements.



PARTNERSHIP PROGRAMME

In collaboration with CSA:

This information sheet is developed in collaboration with Cyber Security Agency of Singapore (CSA) as part of its [SG Cyber Safe Partnership Programme](#) to generate awareness and raise the cybersecurity posture of local businesses, individuals and the community.

Please note that CSA does not endorse or recommend any particular organisation, individual, product, process, or service that is linked to the SG Cyber Safe partnership programme. Neither can CSA assure the quality of the work of any organisation or individual linked to the SG Cyber Safe partnership programme.