Four levels of rating

The Cybersecurity Labelling Scheme comprises four levels of rating, represented by up to four asterisks signifying the tiers of testing and assessment that a product has undergone. The label will be valid for the period that the device is supported with security updates, up to a maximum of three years.

REQUIREMENT

✱ Level 1

The product meets basic security requirements such as ensuring unique default passwords and providing software updates.

✱ ✱ Level 2

The product has been developed with security incorporated into the design and appropriate tests have been carried out. It has also fulfilled Level 1 requirements.

✱ ✱ ✱ Level 3

The product's software has been analysed by approved third-party labs. The product has also fulfilled Level 2 requirements.

✱ ✱ ✱ ✱ Level 4

The product has undergone simulated cyber attacks by approved third-party labs to test its security capabilities. It has also fulfilled Level 3 requirements.

20.4b

Number of Internet of Things devices estimated to be in use globally this year, up from 8.4 billion in 2017.

The label will first be rolled out to Wi-Fi routers and smart home hubs, due to their wide use and potential security risks.

Source: CYBER SECURITY AGENCY OF SINGAPORE (CSA)   PHOTOS: GOOGLE, LINKSYS   STRAITS TIMES GRAPHICS