

Microsoft offers a \$ 100,000 award to hackers of the Azure Sphere operating system

The challenge participant will have 3 months to try to crack security and successfully penetrate Azure Sphere OS, a customized version based on Linux OS.

The software giant built a stripped-down version of Linux last year for Azure Sphere OS, a platform designed to run on special processor chips in an internet of things (IoT) environment. . The operating system was developed specifically for the IoT platform, ensuring basic services and applications run separately in the sandbox (security mechanism to separate running programs) for security purposes.

Now Microsoft wants hackers to test the security level of Azure Sphere OS by offering a \$ 100,000 reward to people / groups who can successfully crack security. This challenge lasted 3 months, starting from 1.6 to the end of August 31, 2020, *The Verge* reported.

'We will award a reward of up to \$ 100,000 for a specific attack scenario during the Azure Sphere Security Research Challenge,' said Sylvie Liu, manager of security program at Microsoft's Security Response Center, for good.

This challenge only focuses on Azure Sphere platform and does not apply to cloud form. Microsoft is specifically looking for a group of security researchers to try to crack security on its Linux OS version. Azure Sphere was introduced at an event for Microsoft developers last year but is still new. A number of businesses, including Starbucks, are deploying the Azure Sphere to ensure equipment is available in stores, sending feedback on coffee beans, cup temperature and water quality to every shot of espresso sold. out. Microsoft CEO Satya Nadella sees IoT devices as the key to the company's growth. He is pursuing billions of IoT devices that analysts predict will use in the next decade. Azure Sphere is a key component in the task of securing and managing these devices.

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