



Secure Your Microsoft Active Directory Certificate Services

The YubiHSM 2 is a dedicated hardware security module (HSM) that offers superior protection for root keys against theft and misuse.

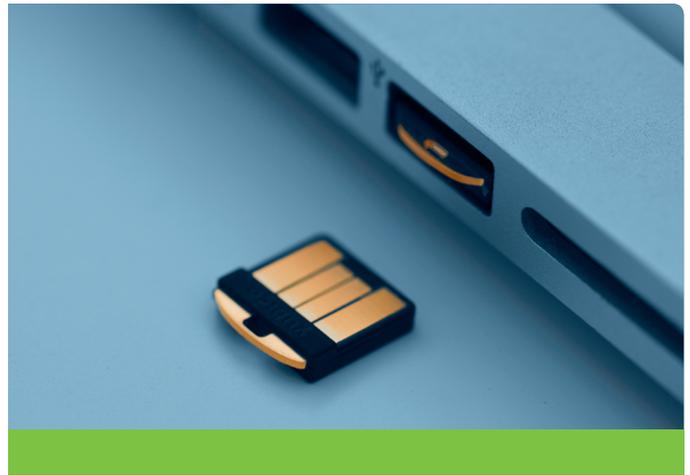
Key Benefits:

Superior Protection Against Root Key Remote Theft

Root keys stored in software are vulnerable to remote theft. Sophisticated attackers can gain admin access or deploy trojan malware that installs on servers, searches for root keys, then copies them for sale and distribution on darknet sites like Alphabay. Storing root keys in the YubiHSM 2 offers superior hardware-based security and eliminates malware and remote attackers from being able to copy them.

Successfully Secure Root Key Handling

Root keys stored in software can be copied and are vulnerable to accidental distribution. Without strict procedures, it is too easy for admins to copy keys to USB flash drives for backup purposes, ftp them, or email them to another server to facilitate setup. Once that happens, the root keys may be forgotten on a USB drive or wind up stored indefinitely in an email system. The keys could even be left on the drive of an old server queued for recycle. The hardware-based YubiHSM 2 offers superior security by preventing accidental copying and distribution of root keys.



Mitigate Risks Against Malicious Employees

Root keys stored in software can be easily copied for intentional misuse or distribution. This could include the setup of unauthorized counterfeit trusted servers or sale of root keys by a malicious employee. The YubiHSM 2 offers superior hardware-based security by protecting against employee key theft by gating access to keys only if approved by multiple root key custodians.

Practical Deployment for All Organizations

Traditional rack mounted and card based HSMs aren't practical for many organizations because of issues accommodating the HSMs deployment complexity, or its cost. Additionally, rack space at shared data centers often includes physical server enclosures with metal mesh doors to secure access. The small size of the YubiHSM 2 fits easily into a front USB slot on servers and lies almost flush to accommodate these physical security enclosures. Deployment is easy and fast with setup in just a few hours.

Yubico is the trusted secure authentication choice for the largest technology, finance, and retail companies in the world. This includes 8 of the top 10 technology companies, 4 of the top 10 US banks, and 2 of the top 3 global retailers. Companies including Google, Facebook, Salesforce and thousands more trust YubiKeys to protect account access to computers, networks and online services.

About Yubico Yubico sets new global standards for easy and secure access to computers, servers, and Internet accounts. Founded in 2007, Yubico is privately held with offices in Australia, Germany, Singapore, Sweden, UK, and USA. Learn why nine of the top 10 internet brands and millions of users in more than 160 countries use our technology at www.yubico.com.

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