

Meet TPM 2.0 requirements, Windows 11 can work with VirtualBox

With the latest Windows 11 Beta Channel 22000.194 build, Microsoft has also added a Trusted Platform Module (TPM) 2.0 requirement for Virtual Machines (VMs).

This means that a build of Windows 11 running through the virtualization process will not receive additional updates from Microsoft at all, if it does not meet the requirements related to TPM 2.0.

So basically, current virtual machines will also need to meet the same criteria as regular host systems to be able to run Windows 11.

In preparation for the above request, Oracle seems to be rushing to deploy a new driver package for VirtualBox through which users can make the transition to using its TPM module. host machine to meet the requirements of Windows 11. In fact, VirtualBox Changeset number 90946, released on August 27, also mentioned this new change. As follows:

'Security: Start implementing a driver for passing through a host TPM, bugref:10075'



VirtualBox

Changeset 90946 in vbox

Timestamp: 08/27/2021 10:55:25 AM (3 weeks ago)
Author: vboxsync
Message: Security: Start implementing a driver for passing through a host TPM, bugref:10075
Location: trunk/src/VBox/Devices
Files: 1 added 3 edited

- Makefile.kmk (1 diff)
- Security/DrvTpmHost.cpp
- build/VBoxDD.cpp (1 diff)
- build/VBoxDD.h (1 diff)

In general, the above timely and effective change shows that Oracle was soon aware of the need for TPM requirements on Windows 11 for virtual machine environments. This requirement has only been officially announced by Microsoft a little while ago with build 22000.194 released on Beta Channel. Other VM environments, like VMWare, now also offer the option to enable virtual TPM (vTPM) deployment on their Workstation Pro platform.

VirtualBox is a free and open source virtualization tool that can help you create an emulator on your Windows system. The application is fully customizable and offers great performance and flexibility.

You finished reading the article "**Meet TPM 2.0 requirements, Windows 11 can work with VirtualBox**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You

can search for similar articles on tips and guides. Thank you for reading and for following us regularly.
