

HIPclient and HIPserver Software

Binding identity to your devices and machines

With Tempered Networks' Identity-Defined Network (IDN) platform, a unified secure networking fabric is now possible, spanning any IP resource, location and link medium with little to no modification of the network and security underlay or applications. Policies are distributed by the Conductor, our intuitive orchestration engine, and enforced by HIP Services endpoints. The HIPclient and HIPserver provide HIP Services specifically designed for laptops and servers, respectively, bringing identity to the host level.

TEMPERED NETWORKS' HIPCLIENT AND HIPSERVER SOFTWARE

UNIFIES NETWORKING AND SECURITY FUNCTIONALITY IN THE MOST SIMPLE, EFFICIENT AND PREDICTABLE WAY.

SOLUTION OVERVIEW

The HIPclient and HIPserver solutions are light weight software installed on laptops and servers to give them a trusted and verifiable cryptographic identity (CID). Once installed, these devices can be provisioned by the Conductor to safely communicate with other trusted devices in the Tempered Networks IDN fabric.

The HIPserver solution gives you the option to 'cloak' your entire server so only authenticated and authorized endpoints can communicate with it. With Tempered Networks explicit trust model, cloaking, segmentation, and encryption are driven down to the device level, effectively enforcing a perimeter of one.

Administrators can easily and instantly add or revoke HIP-enabled devices to any number of overlays within the IDN fabric, without affecting security or network policies of the underlying infrastructure.

HOW IT WORKS

Upon installation, the HIPclient or HIPserver software embeds a unique Tempered Networks CID in the form of an RSA 2048-bit CID on the laptop or server. Our solution initiates trust before transport communications is established and before any data is exchanged between the HIP-enabled device and other authorized HIP Services in the encrypted IDN fabric.

Once configured, the device (which can have a public or private IP address) can join one or an unlimited number of overlays based on device whitelisting.

The HIPclient software supports Windows and Mac laptops and the HIPserver software supports Windows servers.

HIPclient Platform requirements:

Windows 7, 8 OR 10 32/64-BIT, Mac OS 10.1 and above

HIPserver platform requirements:

Windows 2008 R2, 2012 R2

