Instant disaster recovery, failover, and isolation
Rapidly connect and segment any device, anywhere in the world

THE PROBLEMS HOLDING YOUR BUSINESS BACK

One of the more difficult challenges for IT organizations is overcoming the current limitations of routing convergence methods and DNS names with regards to disaster recovery (DR), system failover, and device isolation. As always-on connectivity is mission-critical to organizations, having a business continuity strategy is critical to avoid service disruption.

Network flexibility is difficult with bloated, complex networks created by a patchwork of VLANs, Access Control Lists, routing rules, firewall policies, and other technologies. For example, failover is often configured at the macro- level, say for a whole datacenter level or a large group of resources, instead of being configured at the individual host level. Because of the complexities involved, verifiable testing for DR is rarely done, which leaves room for error if an incident actually occurs.

Another security concern surrounds device quarantine, where removing infected devices from the network can be incredibly difficult and take a long time. With all these issues, minutes matter and rapid action is critical to minimizing risk and further damage.

IDENTITY-DEFINED NETWORKING (IDN): THE WAY FORWARD

Tempered Networks Identity-Defined Networking (IDN) solution addresses the need for rapid DR, failover, and quarantine (isolation) for any IP resource. Our IDN solution creates a Host Identity Namespace (HIN) that is independent but fully compatible with TPC/IP and DNS Namespaces, and overcomes IP address-based barriers associated with VLANs, Network Address Translation (NAT), L3 ACLs and rules. Because IDN is not dependent upon routing convergence or DNS names, customers can implement DR or failover with little effort. It's now easier than ever to reroute traffic, whether it's a single device or a datacenter.

With a modern architecture based on cryptographic identities, flipping connectivity from one system to another in sub-seconds is simple and easily verifiable. Organizations can achieve a new level of network availability and resiliency with IDN.

WHAT DOES THIS MEAN FOR YOU?

Simple
Rapid 3-click network provisioning & revocation

Flexible
Global connectivity & mobility for any device

Secure
Safeguard assets with unbreakable segmentation & cloaking

To learn more about how Tempered Networks can be the solution for you, **request a demo today!**