

WHAT IS A PING SWEEP?

A ping sweep is a basic network scanning technique used to identify if a particular or several hosts are alive in the networks associated with their IP addresses. A ping sweep consists of Internet Control Message Protocol (ICMP) ECHO requests sent to multiple hosts. An ICMP ECHO reply will then be returned as a response if a given address is live. Ping sweeps are more complex than single pings but are also slower and may require more advanced software to maximize their efficiency and capability.

Ping sweeps have the same three major use cases as single pings which are discovery, monitoring, and troubleshooting, alongside applications in network security. For example, a ping sweep would be useful to detect any unauthorized devices connected to your network or confirm that the IP addresses on your network match up to your records. An enterprise-grade ping sweep tool can also help network administrators reap the benefits of a using a ping sweep and avoid common pain points.

KEYES
SECURITY

