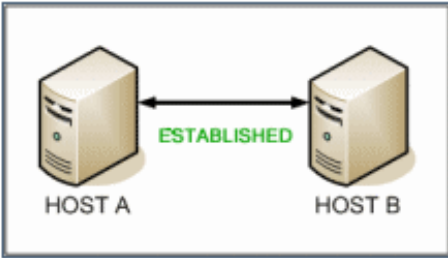


EVENT	DIAGRAM
<p>Host A sends a TCP SYNchronize packet to Host B</p> <p>Host B receives A's SYN</p> <p>Host B sends a SYNchronize-ACKnowledgement</p> <p>Host A receives B's SYN-ACK</p> <p>Host A sends ACKnowledge</p> <p>Host B receives ACK.</p> <p>TCP socket connection is ESTABLISHED.</p>	 <p>TCP Three Way Handshake (SYN,SYN-ACK,ACK)</p>

SYNchronize and **ACK**nowledge messages are indicated by either the SYN bit, or the ACK bit inside the TCP header, and the **SYN-ACK** message has both the SYN and the ACK bits turned on (set to 1) in the TCP header.