

## ABSTRACT

The present application relates to the field of data communications, and discloses a session access control method and apparatus, a device, a medium, and a program product. The method comprises: receiving a first data packet, wherein the first data packet includes a data packet transmitted upon establishment of a TCP communication session; on the basis of an IP address and port in the first data packet, a service port set, and a registered IP address set, determining a first ACL and/or a second ACL as a target ACL, wherein the service port set comprises an IP address and port of a registered communication device that serves as a server, or comprises an IP address and port of an unregistered communication device that serves as a server, the server is a receiver of the TCP communication session, the registered IP address set comprises the IP address of the registered communication device, the first ACL corresponds to a first session case of the registered communication device, and the second ACL corresponds to a second session case of the registered communication device; and executing an access control operation according to the target ACL.

FIG. 3