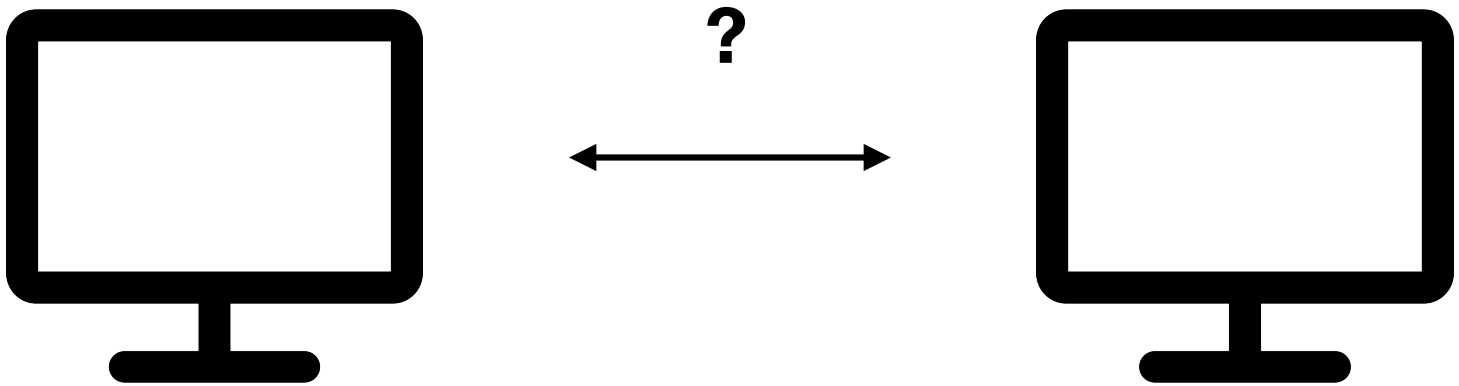
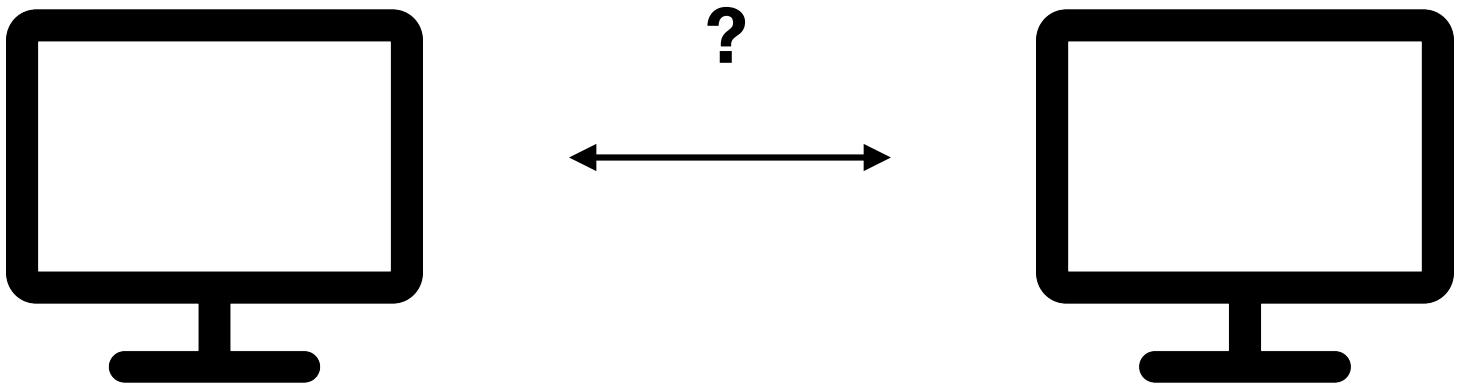
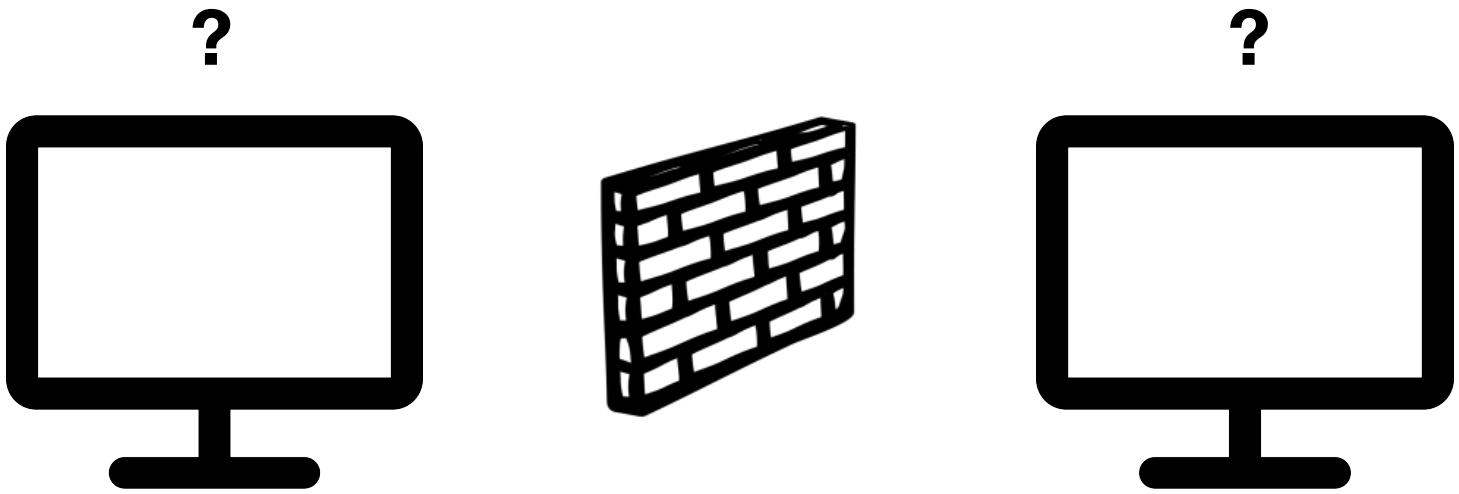
Что такое WebRTC?



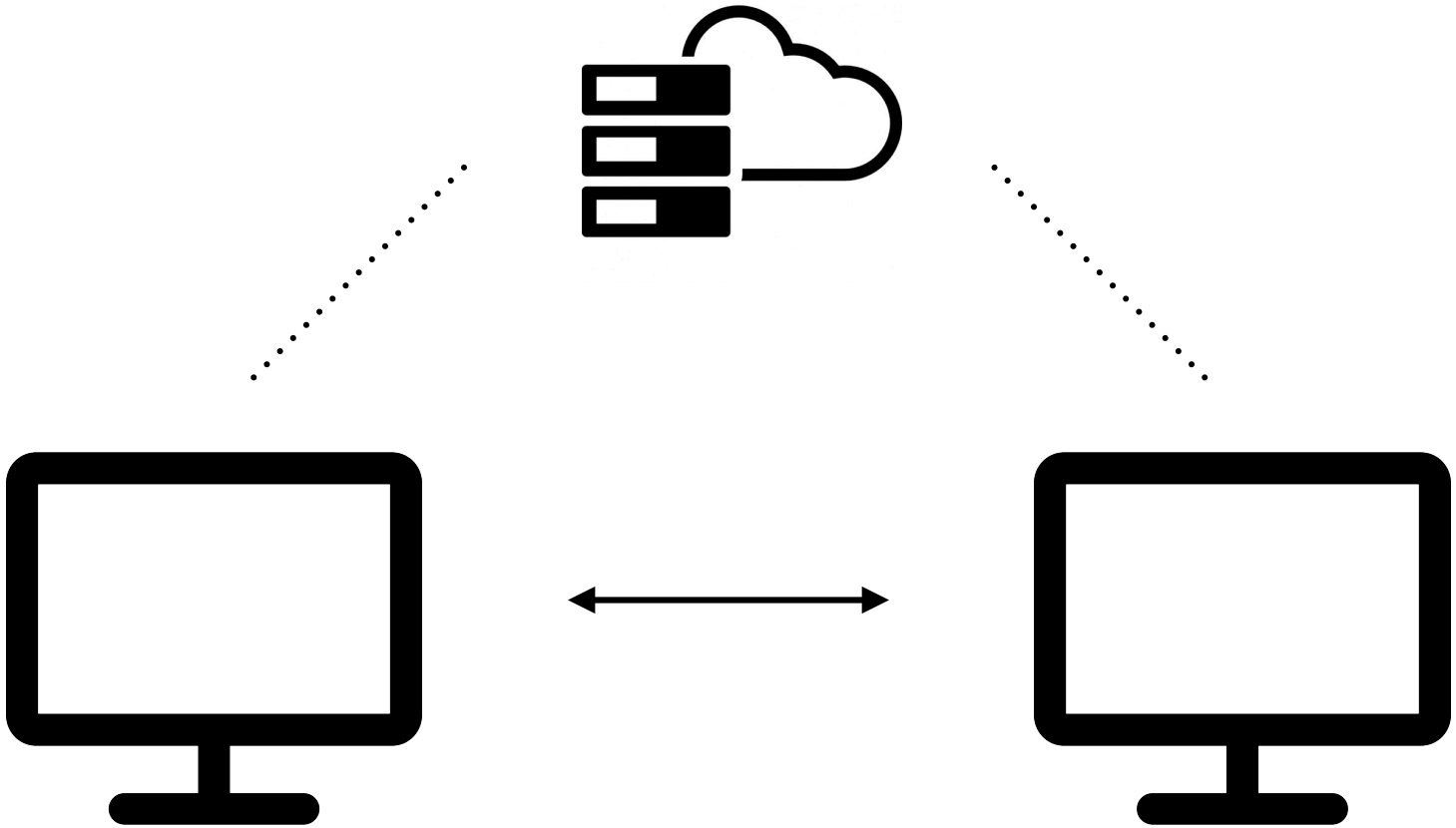
```
const pc = new RTCPeerConnection({
    iceServers: [
        { url: 'stun:stun.l.google.com:19302' },
        { url: 'turn:192.158.29.39:3478' }
    ]
})
```





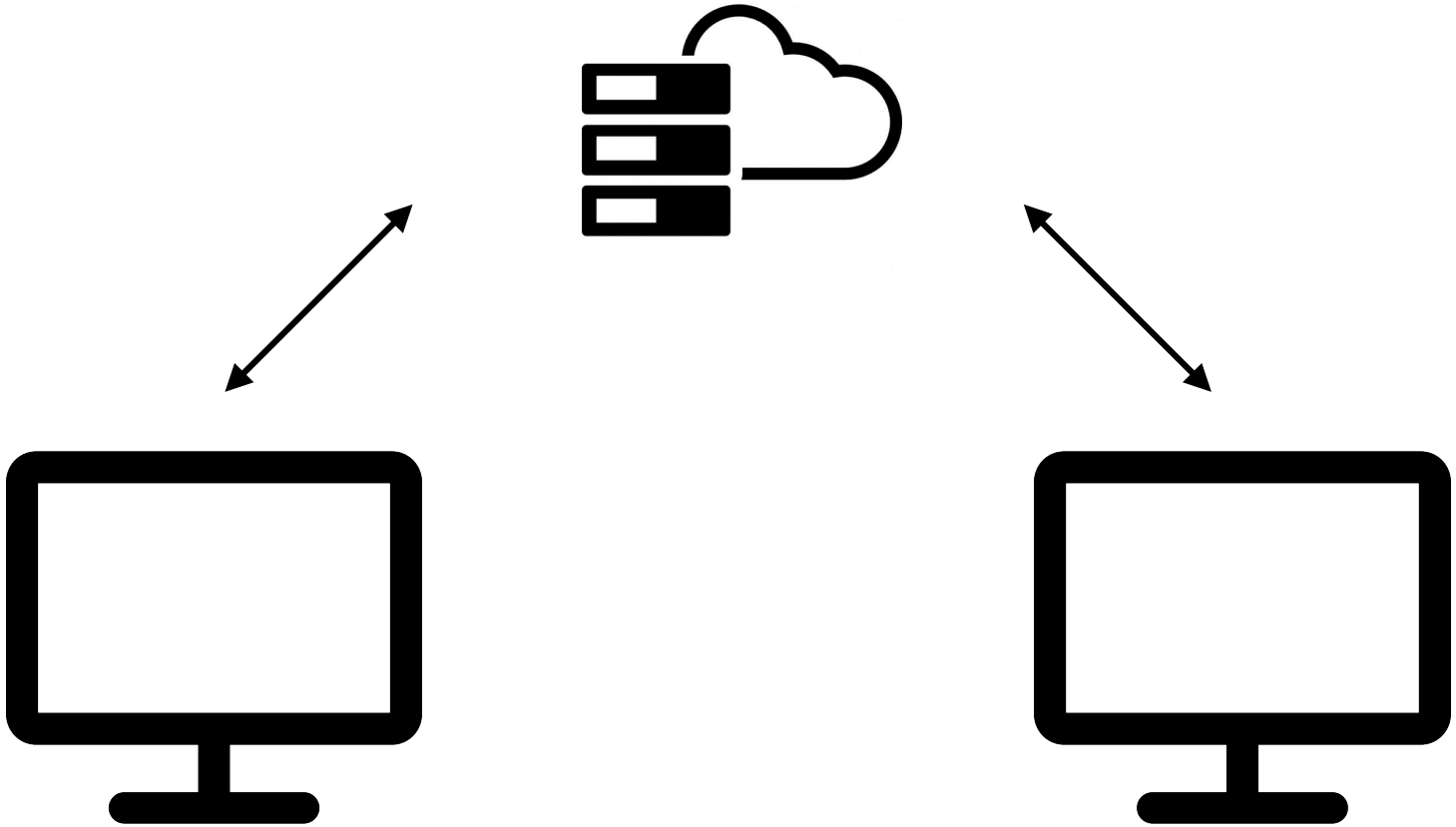
STUN

(Session Traversal Utilities for NAT)

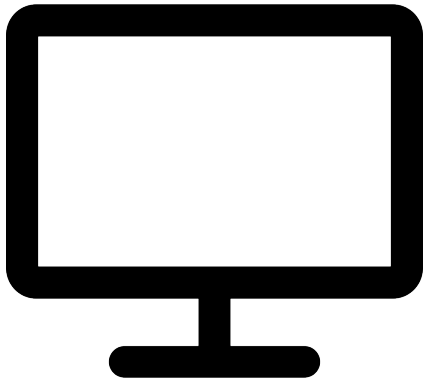


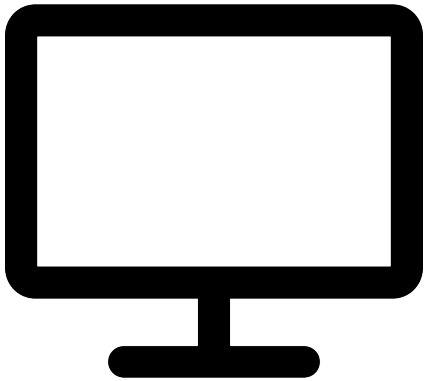
TURN

(Traversal Using Relay NAT)

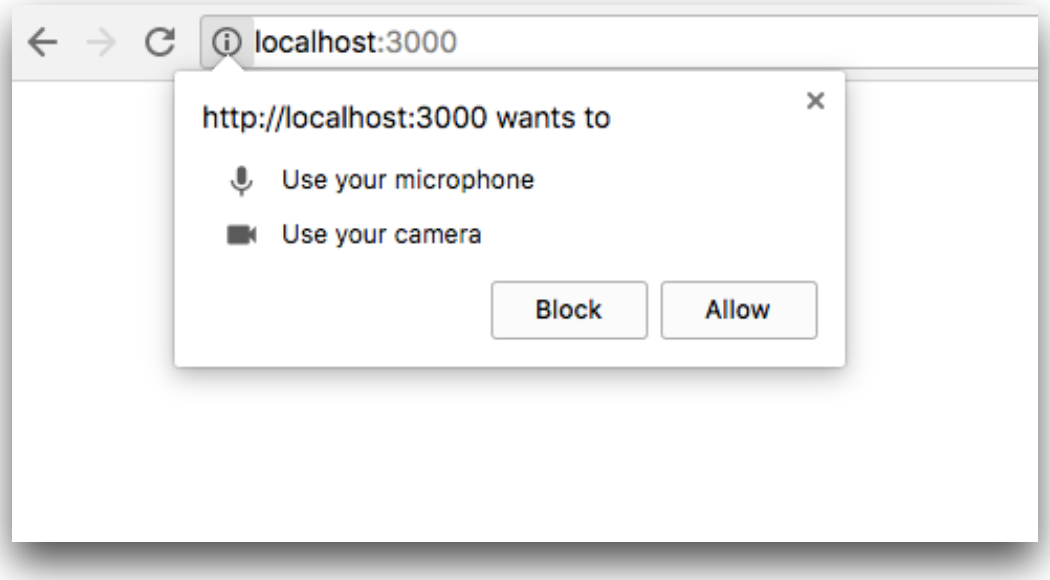


```
const pc = new RTCPeerConnection({
    iceServers: [
        { url: 'stun:stun.l.google.com:19302' },
        { url: 'turn:192.158.29.39:3478' }
    ]
})
```

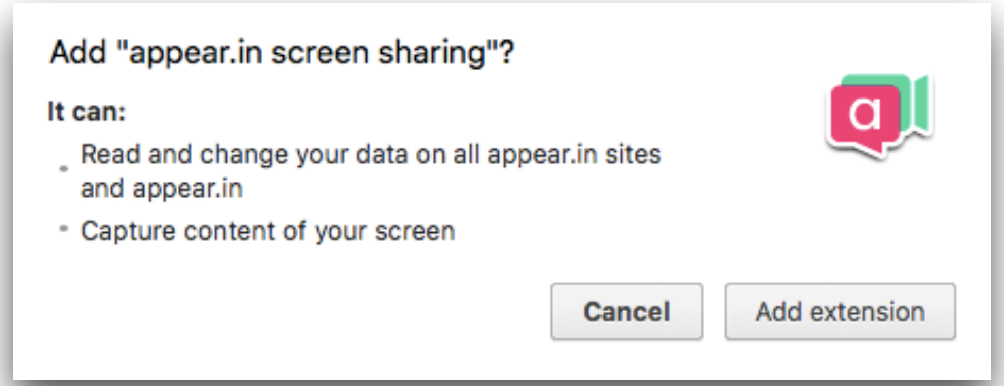




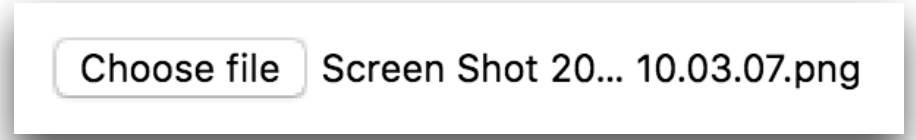
```
const stream = await navigator.mediaDevices.getUserMedia({
    audio: true,
    video: { width: 320, height: 240 }
})

pc.addStream(stream)
```



```
const stream = await navigator.mediaDevices.getUserMedia({
    video: {
        mandatory: {
            chromeMediaSource: 'screen'
            maxWidth: 640,
            maxHeight: 480
        }
    }
})

pc.addStream(stream)
```

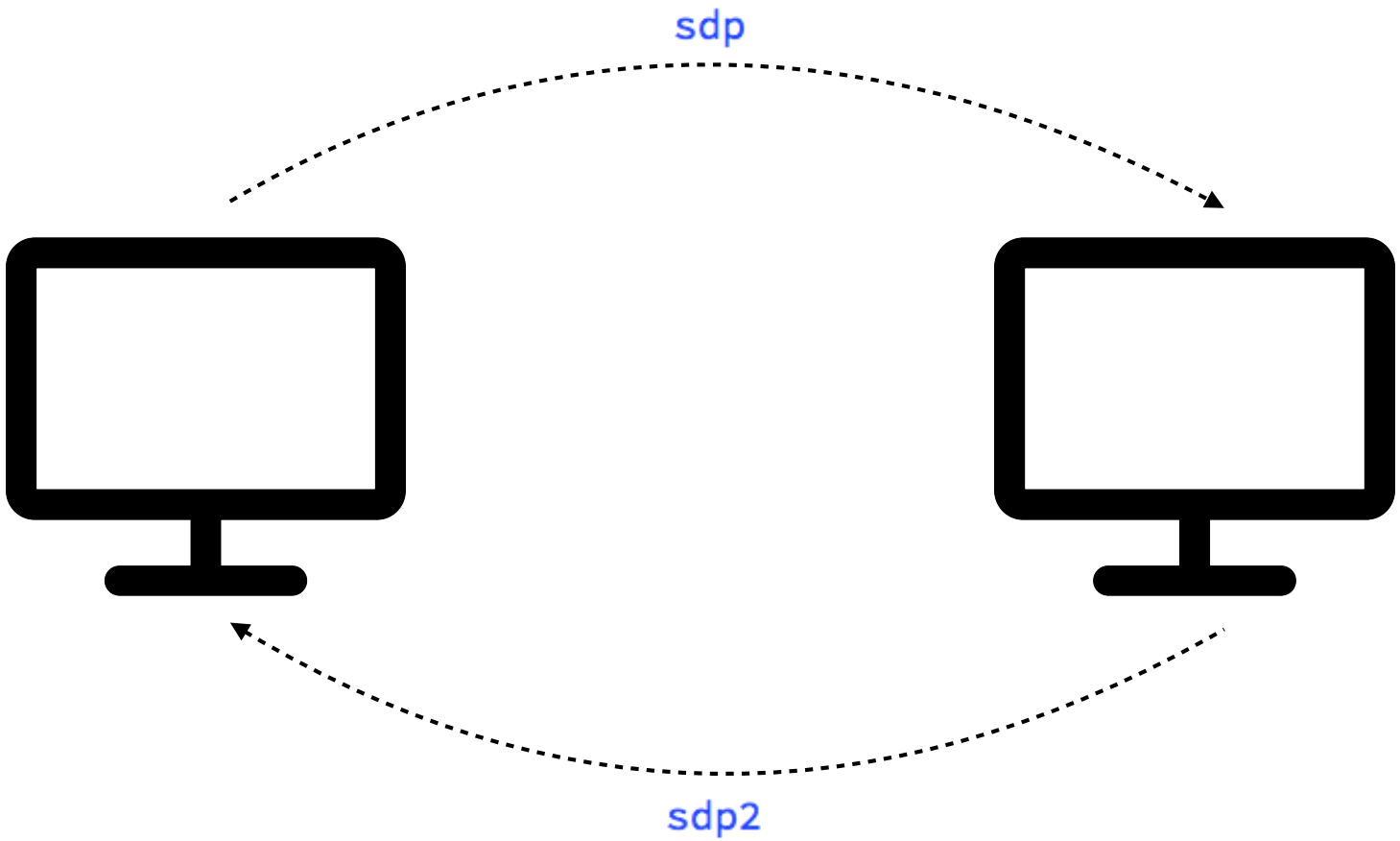


```
const dataChannel = pc.createDataChannel()
dataChannel.binaryType = 'arraybuffer'
```



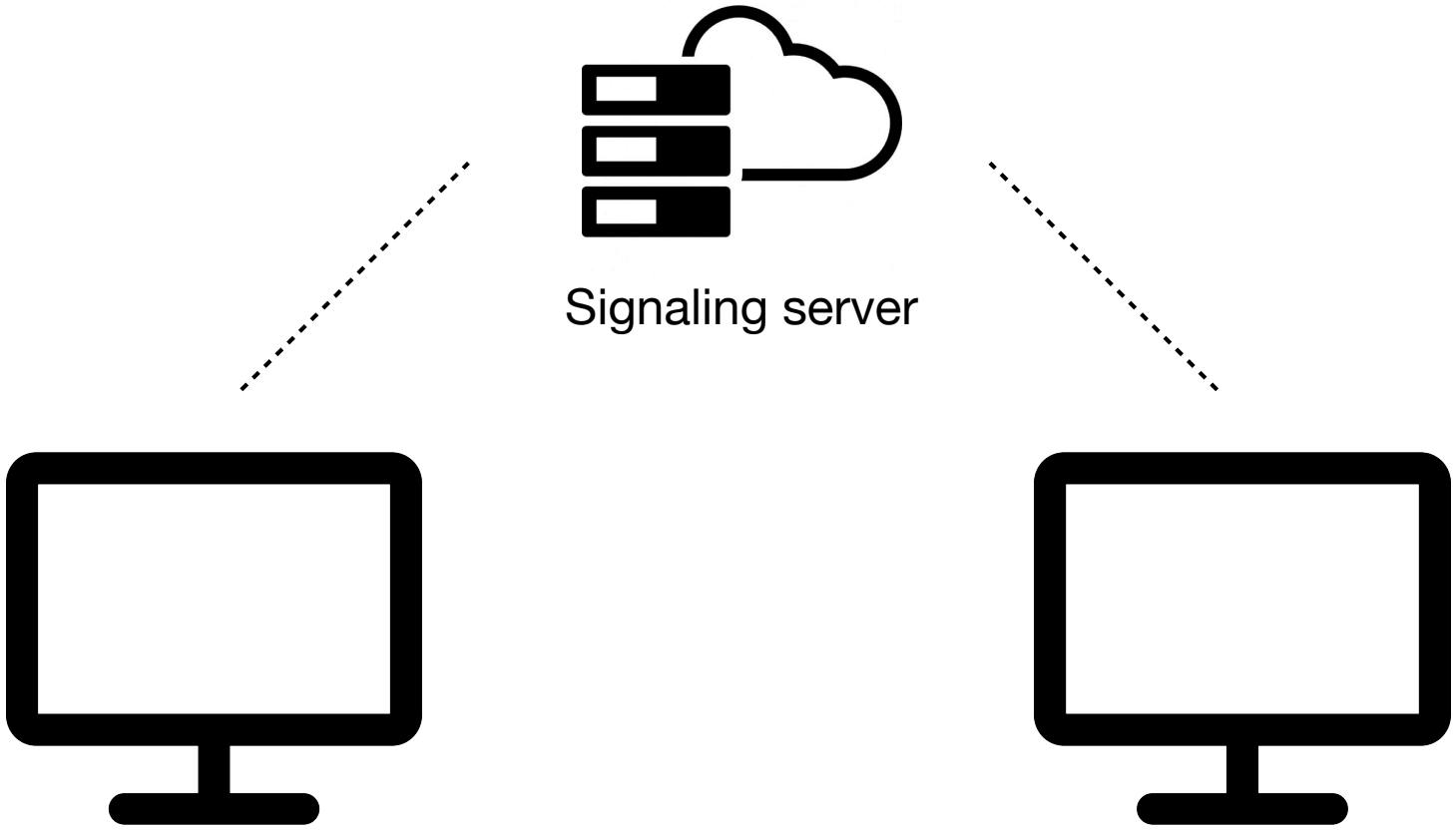
Session Description Protocol

```
const sdp = await pc.createOffer()
```




```
const sdp2 = await pc.createAnswer()
```

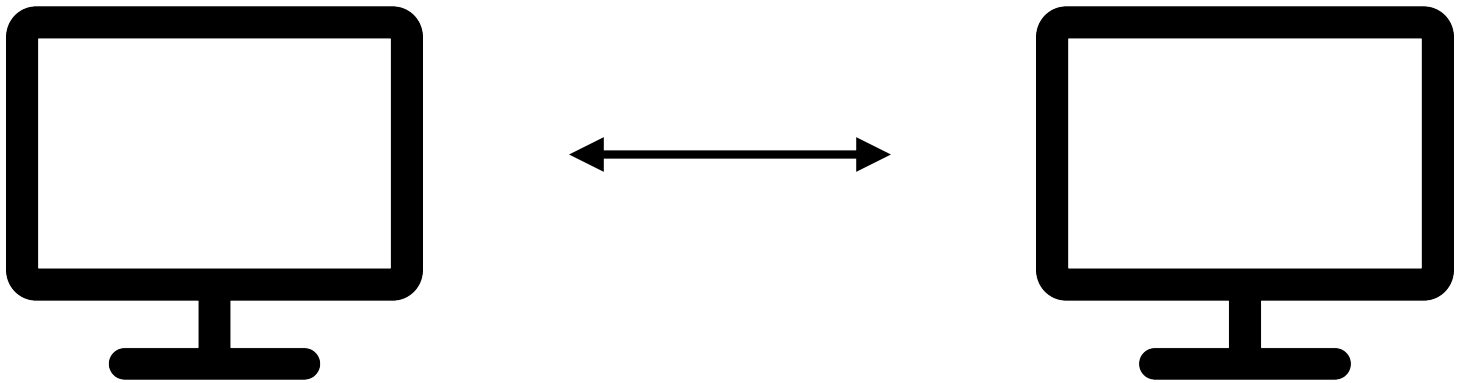
Session Description Protocol

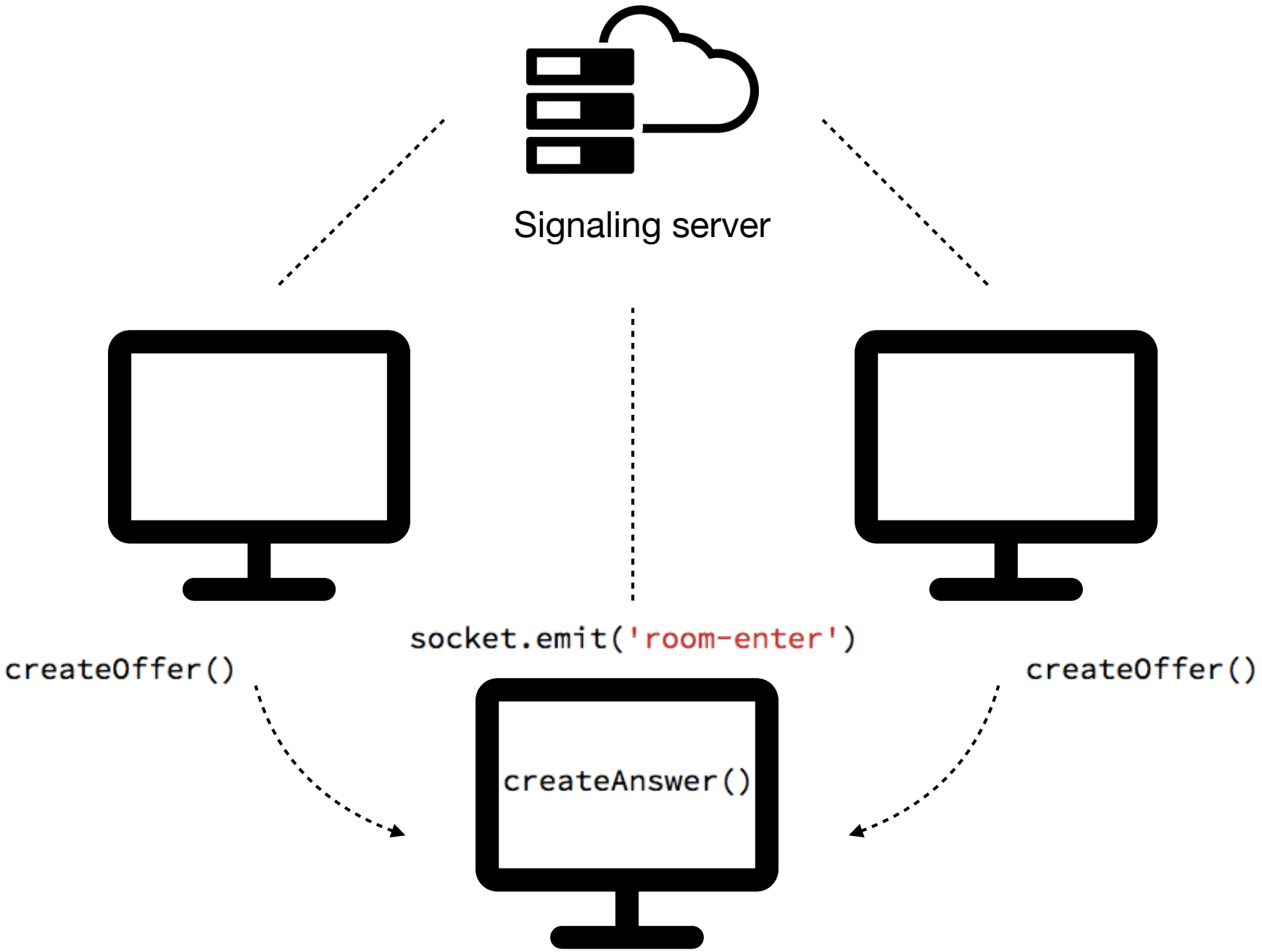


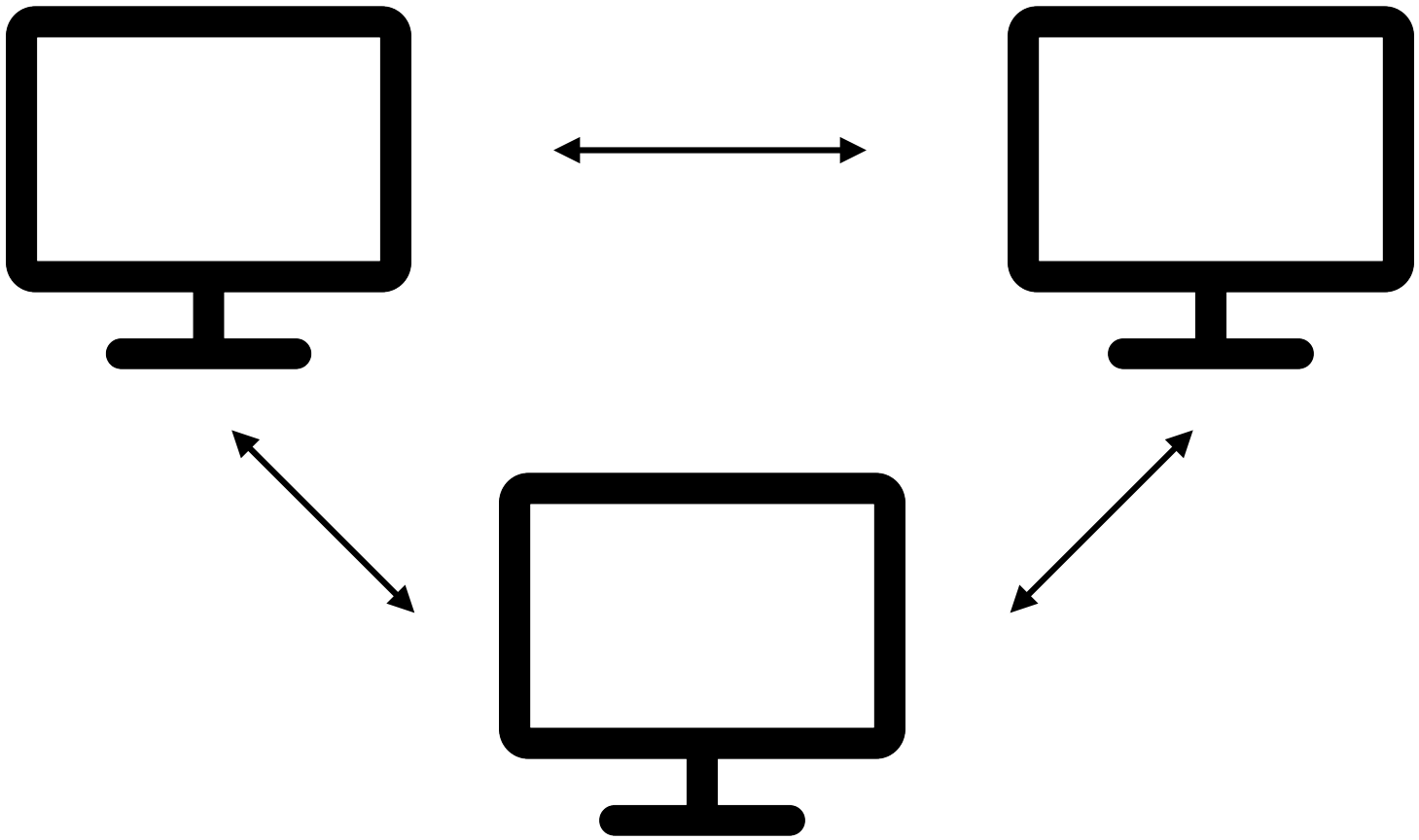

```
socket.emit('sdp-offer', sdp)
```

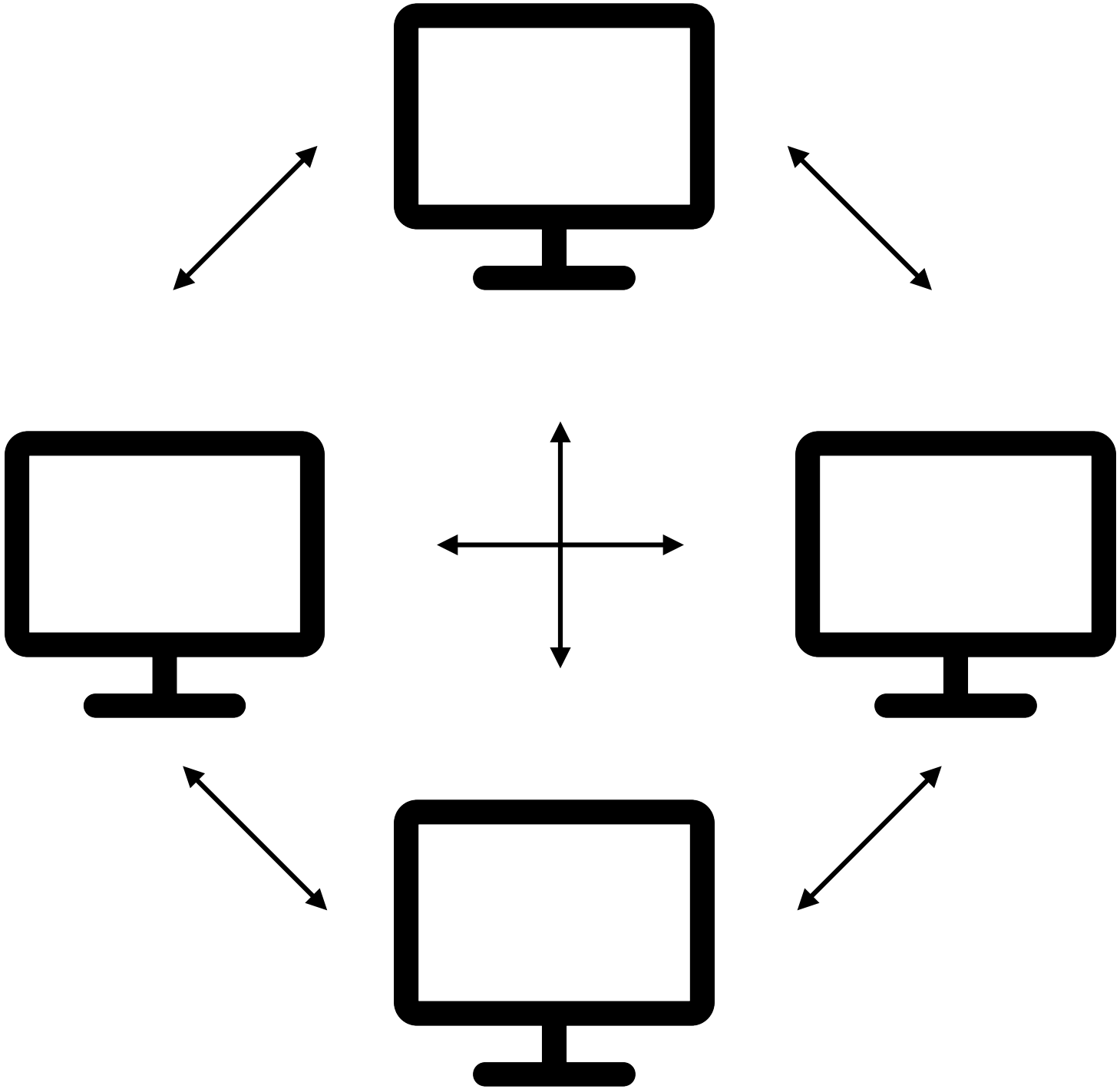
```
socket.on('sdp-offer', (sdp) => {
    ...
    socket.emit('sdp-answer', sdp2)
})
```

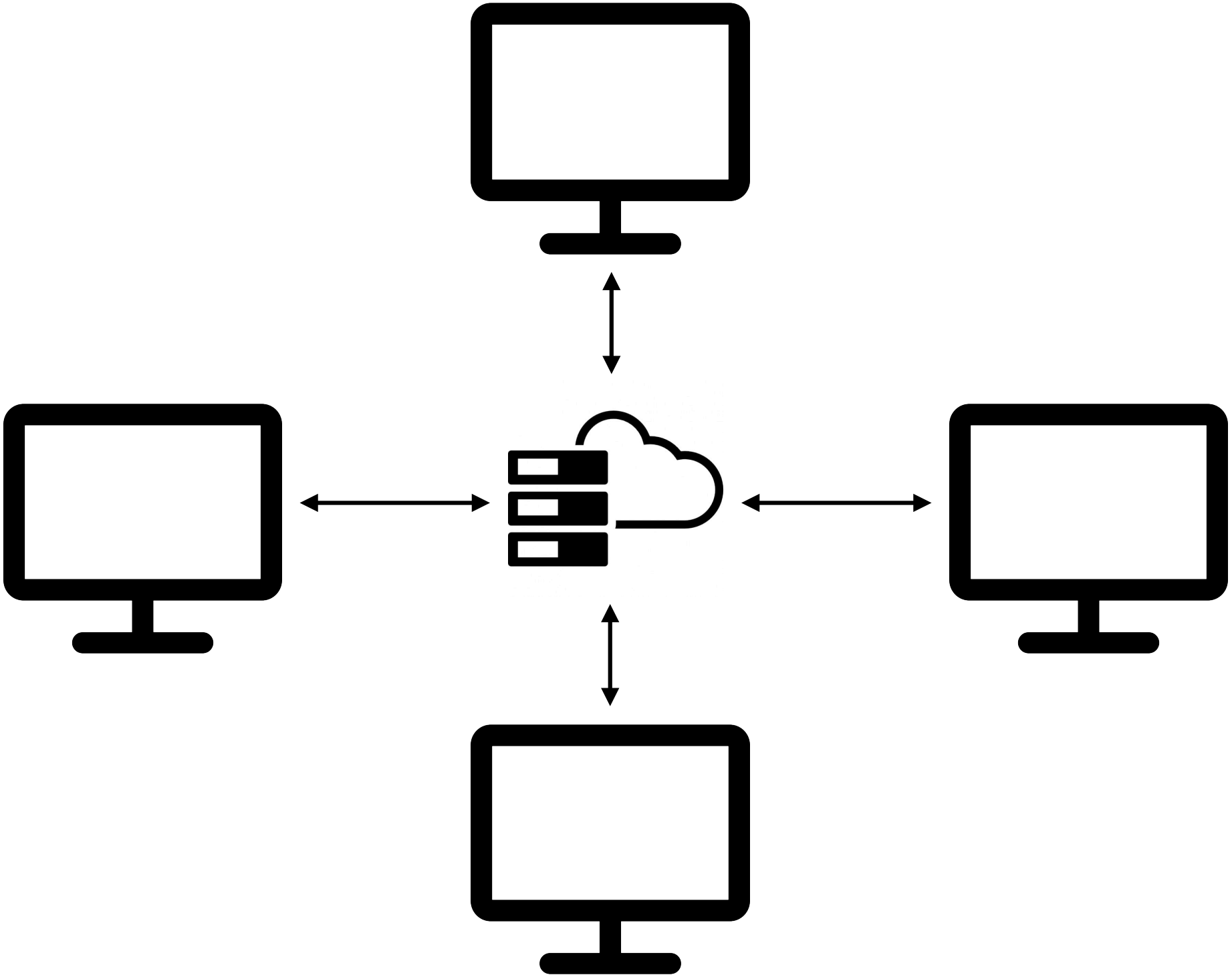
```
pc.onaddstream = ({ stream }) => {
    ...
}

pc.ondatachannel = ({ channel }) => {
    ...
}
```




Signaling server
socket.emit('room-enter')
createOffer()
createOffer()
createAnswer()







Поддержка WebRTC

Демо

https:// ссылка