

Settings file loadbalancing.xml

This settings file is used if the load balancer is enabled by the `load_balancing_enabled=true` parameter in the `flashphoner.properties` file. See sections Load balancing and Rebroadcasting of a stream to another WCS server via WebRTC.

Example 1. Configuring the load balancer:

```
<loadbalancer mode="FEWESTCALLS" randomize="false">
  <node id="1">
    <ip>192.168.1.11</ip>
  </node>
  <node id="2">
    <ip>192.168.1.12</ip>
  </node>
</loadbalancer>
```

Example 2: Configuring static CDN for rebroadcasting of a stream:

```
<loadbalancer mode="roundrobin" stream_distribution="webrtc">
  <node id="1">
    <ip>edge1.mydomain.com</ip>
    <wss>443</wss>
  </node>
  <node id="2">
    <ip>edge2.mydomain.com</ip>
    <wss>443</wss>
  </node>
</loadbalancer>
```

Parameters description:

Element	Default value	Description
mode	FEWESTCALLS	FEWESTCALLS - select the server with the least active calls. RANDOM - select the server at random. ROUNDROBIN - select servers consequentially one by one (used in case of static CDN). LESS_LOADED_NODE - select the server with minimum CPU load.
randomize	false	If both servers do not have active calls and mode is set to FEWESTCALLS, the balancer will select the server at random if this parameter is set to true.
stream_distribution	webrtc	Technology to use to rebroadcast the stream in case of static CDN
node id	empty	WCS server numeric identifier
ip	empty	IP address or FQDN of the WCS server that responds via HTTP and provides information about load and calls.
wss	empty	Port for data exchange via Secure Websocket