

# Settings file loadbalancing.xml

## Warning

This function is obsoleted and is not supported now! Please use [HAProxy](#), [AWS LB](#) or another load balancing tools

This settings file is used if the load balancer is enabled by the `load_balancing_enabled=true` parameter in the `flashphoner.properties` file. See details [here](#)

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

Element	Default value	Description
mode	<code>`FEWESTCALLS`</code>	<code>`FEWESTCALLS`</code> - select the server with the least active calls. <code>`RANDOM`</code> - select the server at random. <code>`ROUNDROBIN`</code> - select servers consequentially one by one (used in case of [static CDN](../Streaming_video_CDN_functions/CDN_1.0.en.md)). <code>`LESS_LOADED_NODE`</code> - select the server with minimum CPU load.
randomize	<code>`false`</code>	If both servers do not have active calls and mode is set to <code>`FEWESTCALLS`</code> , the balancer will select the server at random if this parameter is set to <code>`true`</code> .
stream_distribution	<code>`webrtc`</code>	Technology to use to rebroadcast the stream in case of [static CDN](../Streaming_video_CDN_functions/CDN_1.0.en.md)
node id		WCS server numeric identifier
ip		IP address or FQDN of the WCS server that responds via HTTP and provides information about load and calls.
wss		Port for data exchange via a Secure Websocket