

# WebRTC on Mobile Edge Cloud

**Dr. Ahmad Al-Shishtawy, Qi Qi**

Swedish Institute of Computer Science  
*SICS Swedish ICT*

*ahmad@sics.se, qiq@sics.se*

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# Motivation

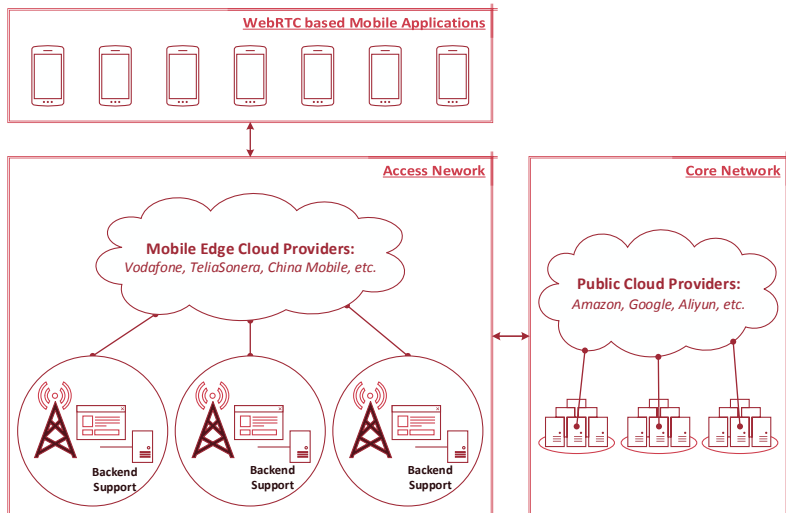
## WebRTC

- 1 Open source plugin-free real-time communication in browsers
- 2 More than 1 billion unique cross platform endpoints
- 3 Centralized peer-to-peer optimization as a service required

## Mobile Edge Cloud

- 1 Deployed on access network layer
- 2 Low latency to mobile end-users
- 3 "Smart proxy" to process media stream prior to the forwarding

# Concept



# Summary

## Exchange

real-time video, audio and data between browsers

## Deploy

backend services on mobile edge cloud

## Improve

user experience on WebRTC based mobile applications

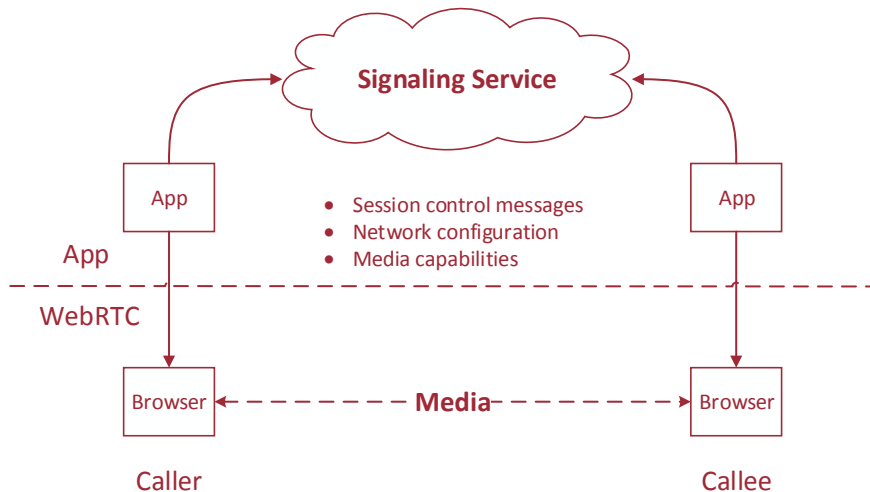
## Reduce

bandwidth consumption for mobile network operators

# Signaling Service (1/2)

- 1 Initiate a peer-to-peer connection
- 2 Exchange session description
- 3 Not specified by WebRTC

# Signaling Service (2/2)



# Multiple Columns

## Heading

- 1 Statement
- 2 Explanation
- 3 Example

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

# Table

Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table: Table caption



# Theorem

Theorem (Mass–energy equivalence)

$$E = mc^2$$

# Verbatim

## Example (Theorem Slide Code)

```
\begin{frame}  
\frametitle{Theorem}  
\begin{theorem}[Mass--energy equivalence]  
$E = mc^2$  
\end{theorem}  
\end{frame}
```

# Figure

Uncomment the code on this slide to include your own image from the same directory as the template .TeX file.

# Citation

An example of the `\cite` command to cite within the presentation:

This statement requires citation [Smith, 2012].

# References



John Smith (2012)

Title of the publication

*Journal Name* 12(3), 45 – 678.

# The End