

Local Storage Session storage and Cookies



EXCLUSIVE CHEATSHEET



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Local Storage



- Stores data in a web browser as **key/value pairs** with no expiration date
- Storage limit is about **5-10MB**
- Data is **never transferred** to the server
- Can only be **read on client-side**



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Session Storage



- Stores data **only for a session**, meaning that the data is stored until the browser (or tab) is closed
- Data is **never transferred** to the server
- Can only be read on **client-side**
- Storage limit is about **5-10MB**
- Opening multiple tabs/windows with the same URL creates **session Storage for each** tab/window



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Cookies



- Stores data that has to be **sent back to the server** with subsequent XHR requests.
- Its expiration varies based on the **type** and the **expiration duration** can be set from either server-side or client-side .
- Cookies are primarily for **server-side** reading (can also be read on **client-side**), localStorage and sessionStorage can only be read on client-side.



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- Size must be less than 4KB.
- Cookies can be made secure by setting the `httpOnly` flag as `true` for that cookie. This prevents client-side access to that cookie.



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CHEATSHEET

FEATURES	Local Storage 	Session Storage 	Cookies 
Size	10 MB	10MB	4KB
Properties	Not session based. Need to be deleted via JS or manually.	Session based and is working per window/tab	Expiry depends on the setting or working of each tab.
Client side/ Server side	Client side only	Client side only	Both server and client side
Browser support	Supports Comparatively less older browser	Supports Comparatively less older browser	Supports Comparatively more older browser





```
if(content.equals("useful")){
```

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```
}
```



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Save for later