

## User Interface - Feature #7997

### Encryption for client storage data / registry

11/02/2023 10:18 AM - Galya B

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>vendor_id:</b>	GCD
<b>billable:</b>	No		
<b>Description</b>			
<b>Related issues:</b>			
Related to User Interface - Feature #4854: origin affinity			<b>Closed</b>
Related to User Interface - Feature #4517: optionally back the 4GL features f...			<b>Closed</b>

#### History

##### #1 - 11/02/2023 10:18 AM - Galya B

- Related to Feature #4854: origin affinity added

##### #2 - 11/02/2023 10:19 AM - Galya B

- Related to Feature #4517: optionally back the 4GL features for Registry access with the user-specific offline storage features added

##### #3 - 11/02/2023 10:26 AM - Galya B

Registry is accessed in 4GL via GET-KEY-VALUE and PUT-KEY-VALUE methods. In FWD registry is backed up by different implementations listed in [#4517-13](#). All of the implementations come with security risks and are not recommended for storing sensitive information in plain text. One of the implementations in FWD's web drivers is localStorage which is probably the least secure of them all. To improve this aspect encryption should be implemented as requested in [#4854-121](#). The encryption should take effect in registry and client storage, which is used by registry methods, but also for enhanced browser configs and can be accessed in java for any other purposes in the future.

##### #4 - 11/02/2023 10:27 AM - Galya B

What encryption? It should be reversible.

##### #5 - 11/02/2023 11:32 AM - Greg Shah

Yes, and we need to decide if we would use a server-wide key or if we would implement per-account level keys.