

# Additional Centralization Considerations

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# Considerations

Issue	What	Effect on centralization	Potential technical mitigations	Examples
Data	Data accumulates in small number of hands	Data holder becomes target of surveillance activities and commercial pressures. Competing services have difficulty to get started, if they need, e.g., AI training.	Oblivious techniques, privacy preserving measurements, data minimization, confidential computing	Oblivious DNS, PRIV/PPM
Component linkages	Systems get built with default linkages to limited set of services	OS, device, browser, and application systems get built to use very specific services. Difficult for other or local services to be used.	Discovery, modularity	DDR