

# USQ Recommended Research Data Storage Options (Primary and Secondary)

STORAGE SERVICE	REDBANK CLOUD (RDBC)		REDBANK LOCAL (RDBL)	HPC STORAGE	QCIF QRIS CLOUD		NeCTAR VM STORAGE
	Microsoft OneDrive 5 TB	SharePoint Online > 5 TB			Nextcloud 150 GB	QRIScloud Data > 150 GB	
<b>Research Project Type</b>	Individual research	Team research	Individual/team research	Individual/team research	Individual/team research	Individual/team research	Individual/team research
<b>When to Use</b>	Research employment term	Research active project phase	Research active project phase	Research employment term	Research employment term	Research employment term	Research employment term
<b>Key Features</b>	Sync & Share Data Protected External cloud	Sync & Share Team collaboration External cloud	Restricted access Backed up Internal cloud	Computational Data Protected Internal Data Centre	Sync & Share Replicated External cloud	Team collaboration Replicated External cloud	Computational Not backed up External cloud
<b>Recommended Usage</b>	Primary storage	Primary storage	Primary storage	1 <sup>st</sup> /2 <sup>nd</sup> Secondary storage	1 <sup>st</sup> /2 <sup>nd</sup> Secondary storage	1 <sup>st</sup> /2 <sup>nd</sup> Secondary storage	1 <sup>st</sup> /2 <sup>nd</sup> Secondary storage
<b>What Research Data Can be Stored</b>	Public or internal research data with controls*	Public or internal research data with controls*	Restricted or internal research data	Restricted or internal research data	Public or internal research data with controls*	Public or internal research data with controls*	Public or internal data with controls**
<b>How to Use</b>	Client App Office 365 web <sup>1</sup> SSO	Office 365 SharePoint Site SSO	Network share, VPN SSO	FileZilla SSH <sup>2</sup> Putty Strudel SSO	Client App Via Web <sup>3</sup> SSO QSAC	FileZilla SSH <sup>4</sup> QSAC	NeCTAR web <sup>5</sup> - dashboard - keypair - SSH - IP Address
<b>How to Gain Access</b>	USQ SSO No Application	USQ SSO RDBSA*** application needed	USQ SSO RDBSA application needed	HPC account application needed	USQ SSO and QSAC account No application needed	USQ SSO and QSAC account QCIF application needed	USQ SSO QCIF application needed

\* Control required – when sharing via hyperlink apply password protection and expiry. \*\* Requires systems administration skills

\*\*\* RDSA = Research Data Bank (ReDBank) Storage Application – complete and email to eResearchServices@usq.edu.au

1. Microsoft Office 365 server address: <https://www.office.com/?auth=2>
2. USQ HPC site: <ssh.fawkes.usq.edu.au>
3. Nextcloud server address: <https://www.nextcloud.org.au>  
need to create QSAC first: <https://www.qriscloud.org.au>
4. QRIScloud data server address: <data.qriscloud.org.au>

5. NeCTAR web portal: <https://dashboard.rc.nectar.org.au>  
NB: Please refer to USQ Research Data Management Policy and Procedure and also visit USQ RDM Portal