2.6 TECHNOLOGY PERSPECTIVE

Table 7   CALC operator service module technologies

Service modules	Toolset	Protocols
Web UI service	Django (Python) Backbone.js	HTTPS
Task Management service	SQL DB	
Product download service	Nginx	
RGB image production service	GDAL, C++	HTTPS
Land cover production service	GDAL, C++	HTTPS
Accuracy assessment service	GDAL + LaTeX	HTTPS
Change assessment service	GDAL + LaTeX	HTTPS
Input mask data service	EFS	NFS
Land cover data service	EFS	NFS
Accuracy assessment data service	EFS	NFS
Change report data service	EFS	NFS

2.6.1 CALC user admin technology perspective

Table 8   CALC user admin service module technologies

Service modules	Toolset	Protocols
User management service	Django (Python) Backbone.js SQL DB	HTTPS

Service modules	Toolset	Protocols
Land cover upload service	Django (Python) Backbone.js	HTTPS
User tasks management service	Django (Python) Backbone.js	HTTPS
User account service	SQL DB	Comms with DB
Land cover data service	EFS	NFS

2.6.2 CALC cloud admin technology perspective

Table 9   CALC cloud admin service module technologies

Service modules	Toolset	Protocols
Cloud account billing service	AWS admin console	HTTPS
Cloud data storage admin service	AWS admin console	HTTPS
Cloud resource budget and threshold admin	AWS admin console	HTTPS