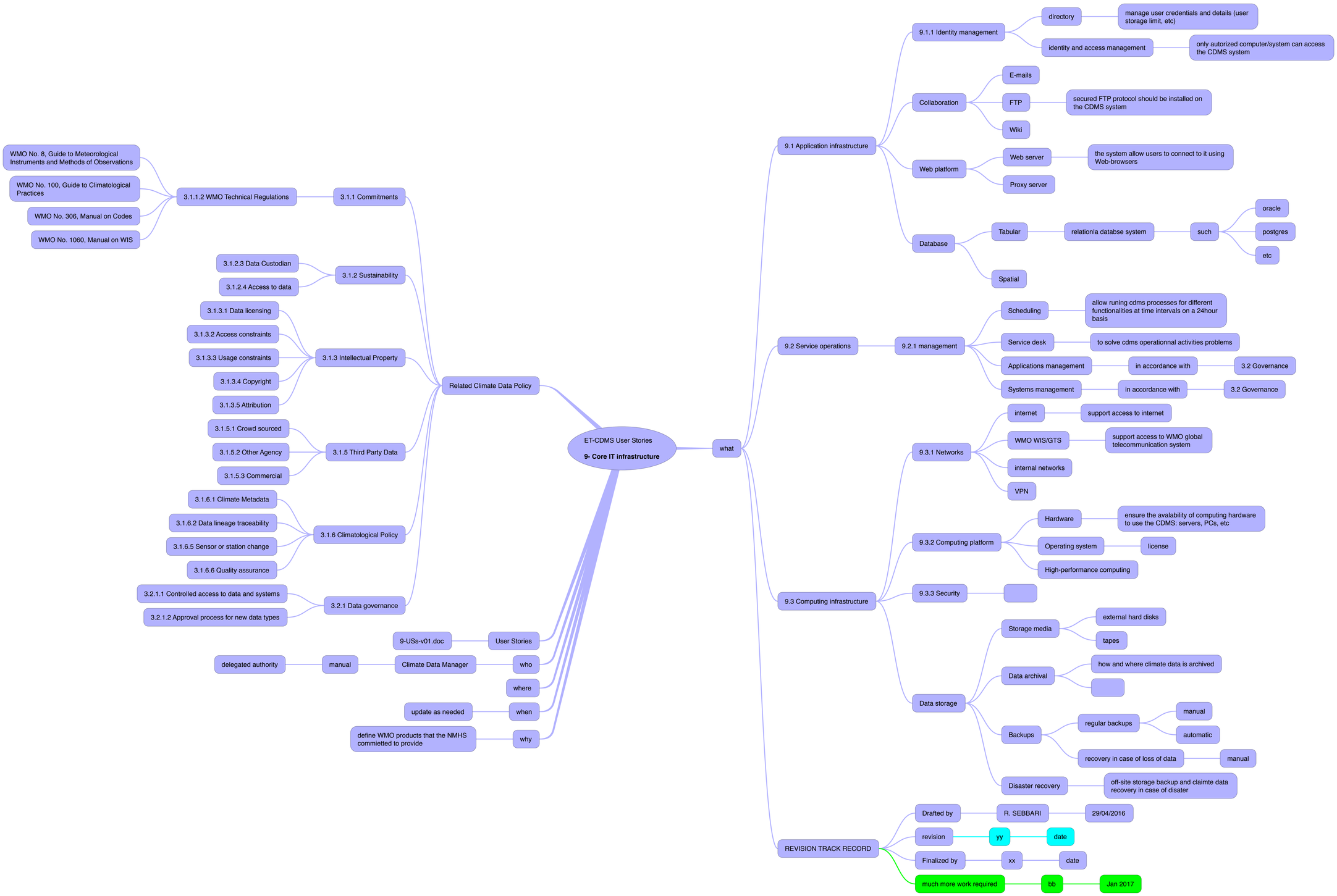
ET-CDMS User Stories
9- Core IT infrastructure
Related Climate Data Policy
3.1.1 Commitments
3.1.1.2 WMO Technical Regulations
WMO No. 8, Guide to Meteorological Instruments and Methods of Observations
WMO No. 100, Guide to Climatological Practices
WMO No. 306, Manual on Codes
WMO No. 1060, Manual on WIS
3.1.2 Sustainability
3.1.2.3 Data Custodian
3.1.2.4 Access to data
3.1.3 Intellectual Property
3.1.3.1 Data licensing
3.1.3.2 Access constraints
3.1.3.3 Usage constraints
3.1.3.4 Copyright
3.1.3.5 Attribution
3.1.5 Third Party Data
3.1.5.1 Crowd sourced
3.1.5.2 Other Agency
3.1.5.3 Commercial
3.1.6 Climatological Policy
3.1.6.1 Climate Metadata
3.1.6.2 Data lineage traceability
3.1.6.5 Sensor or station change
3.1.6.6 Quality assurance
3.2.1 Data governance
3.2.1.1 Controlled access to data and systems
3.2.1.2 Approval process for new data types
User Stories
9-USs-v01.doc
who
Climate Data Manager
manual
delegated authority
where
when
update as needed
why
define WMO products that the NMHS commietted to provide
what
9.1 Application infrastructure
9.1.1 Identity management
directory
manage user credentials and details (user storage limit, etc)
identity and access management
only autorized computer/system can access the CDMS system
Collaboration
E-mails
FTP
secured FTP protocol should be installed on the CDMS system
Wiki
Web platform
Web server
the system allow users to connect to it using Web-browsers
Proxy server
Database
Tabular
relationla databse system
such
oracle
postgres
etc
Spatial
9.2 Service operations
9.2.1 management
Scheduling
allow runing cdms processes for different functionalities at time intervals on a 24hour basis
Service desk
to solve cdms operationnal activities problems
Applications management
in accordance with
3.2 Governance
Systems management
in accordance with
3.2 Governance
9.3 Computing infrastructure
9.3.1 Networks
internet
support access to internet
WMO WIS/GTS
support access to WMO global telecommunication system
internal networks
VPN
9.3.2 Computing platform
Hardware
ensure the avalability of computing hardware to use the CDMS: servers, PCs, etc
Operating system
license
High-performance computing
9.3.3 Security
Data storage
Storage media
external hard disks
tapes
Data archival
how and where climate data is archived
Backups
regular backups
manual
automatic
recovery in case of loss of data
manual
Disaster recovery
off-site storage backup and claimte data recovery in case of disater
REVISION TRACK RECORD
Drafted by
R. SEBBARI
29/04/2016
revision
yy
date
Finalized by
xx
date
much more work required
bb
Jan 2017