**EOSC-hub early adopter MDR: Report about work performed**

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Date: July 2020

**Q1**

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| **Task** | **Work** | **Comment** |
| * Investigate a new mechanism of ECRIN metadata ‘injection’ and upgrading on OneData environment | * *Update (provided by OneData team) on OneDataFS library for injecting metadata on OneData is under development.* | Not sure whether OneDataFS library will be fully ready (operational) for our usage before EAP will end. *Alternative mechanisms (eg. REST API) of files injection aren’t optimal for our needs (slow performance).* |
| Revision of web portal | * *Additional requirements for provenance were provided* * *Implementation is planned for the end of July* |  |
| Investigate metadata schema and requirements for future harvesting by B2FIND | * *TC with B2FIND/ECRIN, discussing possibilities of cooperation (15.6.2020)* * *Exploration of B2FIND for suitability of integration with MDR started (e.g. transfer of trial information from B2FIND to MDR, MDR as such registered in B2FIND, integration of samples)* | It may be that the integration of B2FIND into MDR is of very limited use. Possibilities of integration will be discussed and summarised in a short report |
| other | * *Uploading and re-indexing the full dataset (5th data package, planned for July 2020)* * *Adaptation of consent categories under construction* | *Regular metadata reupload and re-injection will be done once per 5-6 weeks starting from the end of July2020.* |
| Additional comments: | | |

**Q2**

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| **Task** | **Work** | **Comment** |
| Continue the revision of current web-portal, developed within XDC project in collaboration with OneData (web-portal GUI + OneData Environment) and INFN (ElasticSearch + hardware support). |  |  |
| Testing and upgrading the web-portal with respect to updated ECRIN requirements. |  |  |
| Continued investigation on harvesting by B2FIND | * *Depends on the status of the related task in Q1.* |  |
| other |  |  |
| Additional comments: | | |

**Q3**

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| **Task** | **Work** | **Comment** |
| Testing the work produced in Q1 and Q2 |  |  |
| Start to develop ElasticSearch-based APIs in collaboration with INFN | * *Start to work on it.* * *Some of queries are ready and written on JavaScript – will be adapted and re-written on server-side programming language (probably Python 3)* |  |
| Enable harvesting of a single MDR instance by B2FIND test instance | * *Depends on the status of the related task in Q1 and Q2.* |  |
| other |  |  |
| Additional comments: | | |

**Q4**

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| **Task** | **Work** | **Comment** |
| Finalizing the development and integration testing by users. |  |  |
| Support for potential users, including collecting metrics as well as feedback, and feeding back requests for change |  |  |
| Enable harvesting of one or more MDR instances by B2FIND production instance | * *Depends on the status of the related task in Q1, Q2 and Q3.* |  |
| other |  |  |
| Additional comments: | | |