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MP147 ‘SMKI Full Extract’

Annex A

Legal text – version 1.0

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

Appendix O 'SMKI Repository Interface Design Specification'

These changes have been redlined against Appendix O version 2.0

Amend Section 2.3.3 as follows:

2.3.3 Retrieval of SMKI Repository content

The DCC shall ensure that the SMKI Repository SFTP interface enables DCC Gateway Connection users' systems to download the following files that are lodged in the SMKI Repository, where they have successfully established a connection to the SFTP Interface:

- a) a file in .gz format and having a name of form *SMKIKR_FULL_YYYY-MM-DD.xml.gz*, updated ~~daily~~ weekly by the time set out in the SMKI Repository User Guide, containing:
 - i. an XML file which complies with the SMKI Repository Web Service interface schema as set out in Annex B of this document, having a name of the form *SMKIKR_FULL_YYYY-MM-DD.xml* and which contains Certificates, comprising OCA Certificates, DCA Certificates, Organisation Certificates, Device Certificates and with a status of 'In-Use'.
- b) seven files in .gz format and having names of the form *SMKIKR_DELT_YYYY-MM-DD.xml.gz*, updated daily, each of which contains:
 - i. an XML file which complies with the SMKI Repository Web Service interface schema as set out in Annex B of this document, having a name of the form *SMKIKR_DELT_YYYY-MM-DD.xml* and which contains Certificates comprising OCA Certificates, DCA Certificates, Organisation Certificates, and Device Certificates Issued and lodged in the SMKI Repository during the preceding twenty four hours or whose Certificate status has change. This will enable the user to maintain a daily synchronised copy of the Certificates in the SMKI Repository. Each of the daily files will be available for 7 days from publication and shall then be removed by the DCC from the SMKI Repository.
- c) a file with extension 'gz' that is the latest Organisation ARL;
- d) a file with extension 'gz' that is the latest Organisation CRL;
- e) a file in .gz format, updated as necessary, containing the base set of Organisation Certificates and OCA Certificates required to populate Device anchor slots prior to installation for the North Region; and
- f) a file in .gz format, updated as necessary, containing the base set of Organisation Certificates and OCA Certificates required to populate Device anchor slots prior to installation for the Central Region and South Region.

The DCC shall ensure that SFTP files holding Certificates will be made available in .gz format, with all versions of .gz being supported. Each .gz file will contain a single XML file which complies with the XML schema as set out in Annex B, containing individual Certificates, represented as Base64 encoded strings.

The DCC shall ensure that the Organisation Certificates and OCA Certificates contained within the two Device anchor slot Certificate files shall be the same, other than the Organisation Certificates required to populate the WAN provider Device anchor slot.

The DCC shall lodge a document in the SMKI Repository, which sets out details of which of the base set of Organisation Certificates and OCA Certificates may be placed in specific Device anchor slots.