Provisioning Certification Service V2 -> V3 migration guide

1. Provisioning Certification Service

Table below introduces changes that you should be aware of when switching from API V2 to V3.
For more detailed API description please visit SGX API Portal:
https://api.portal.trustedservices.intel.com/documentation

Category	Difference	Version 2	Version 3	Details
API	Retrieve PCK Certificate GET	N/A	**Response: new header fields** *SGX-PCK-Certificate-CA-Type* Returns one of the following values: "*processor*", "*platform*". *SGX-FMSPC* Returns hex-encoded string representation of FMSPC, e.g.: "*AA0102030000*".	Use of the headers is optional and it may help to decrease the complexity of processing in the caching service in the future. For the details, please refer to SGX API portal.
		N/A	**Request: new parameter** *PPID-Encryption-Key* (optional) Accepts value: "*RSA-3072*"	If not specified, "RSA-3072" will be used as default. Currently supported values: "RSA-3072"
	Retrieve PCK Certificates GET	N/A	**Response: new header fields** *SGX-PCK-Certificate-CA-Type* Returns one of the following values: "*processor*", "*platform*". *SGX-FMSPC* Returns hex-encoded string representation of FMSPC, e.g.: "*AA0102030000*".	Use of the headers is optional and it may help to decrease the complexity of processing in the caching service in the future. For the details, please refer to SGX API portal.

		N/A	**Request: new parameter** *PPID-Encryption-Key* (optional) Accepts value: "*RSA-3072*"	If not specified, "RSA-3072" will be used as default. Currently supported values: "RSA-3072"
	Get Revocation List GET	N/A	**Request: new parameter** *encoding* (optional) Accepts one of the following values: "*pem*", "*der*".	It can be specified to fetch either DER or PEM encoded CRL (default is PEM).
Other	CRL format for CRL returned by Distribution Point	PEM	DER	For backwards compatibility all the certificates retrieved via API V2 will continue to have CRL distribution point pointing to PEM-encoded CRLs.

2. Provisioning Certification Caching Service

(applies only to customers who use PCCS - PCCS README on GitHub)

Recommended: backup old database before updating.

Install new version (1.9 or newer). Migration is automatic, there are no other required steps.

3. PCKIDRetrievalTool, QPL and QVE/QVL

(applies only to customers who use DCAP software stack - DCAP README on GitHub)

PCKIDRetrievalTool: please use version 1.9 or newer.

QPL: please use DCAP software stack from version 1.9 or newer.

QVE/QVL: please use DCAP software stack from version 1.9 or newer.