R1Soft Licensing Portal API for CDP 3.0

This document explains how to use the Licensing API to get updates on licenses for CDP 3.0 (Server Backup) application. This includes querying for creating, returning, upgrade, enabling, disabling, getting, deleting pool/specific licenses and license pools.

XML-RPC Method Calls

licensing.createPooledLicense	struct createPooledLicense(string poolID, string product, Map features)
licensing.disableLicense	struct disableLicense(String licenseID)
licensing.enableLicense	struct enableLicense(String licenseID)
licensing.getLicense	struct getLicense(String licenseID)
licensing.getLicensePool	struct getLicensePool(String poolID)
licensing.getLicensePools	• array getLicensePools() • array getLicensePools(Map filter)
licensing.getLicenses	• array getLicenses() • array getLicenses(Map filter) • array getLicenses(String poolID) • array getLicenses(String poolID, Map filter)
licensing.returnPooledLicenseFeatures	struct returnPooledLicenseFeatures(Strin licenseID, Map features)
licensing.upgradePooledLicense	struct upgradePooledLicense(Strin licenseID, Map features)

`licensing.deletePooledLicense`	`boolean deletePooledLicense(Strin poolID, String licenseID)`

Licensing API Examples

- CDP 3 Licensing API Example - createPooledLicense
- CDP 3 Licensing API Example - deletePooledLicense
- CDP 3 Licensing API Example - disableLicense
- CDP 3 Licensing API Example - enableLicense
- CDP 3 Licensing API Example - getLicense
- CDP 3 Licensing API Example - getLicensePool
- CDP 3 Licensing API Example - getLicensePools
- CDP 3 Licensing API Example - returnPooledLicenseFeatures
- CDP 3 Licensing API Example - upgradePooledLicense

Method Parameter Descriptions

- `Map features` - Key/value map of features and their quantity value.
- `Map filter` - Key/value map of filters and their value.
- `String poolID` - ID (UUID) of the license pool you allocate CDP licenses from.
- `String licenseID` - ID (UUID) of the CDP license key you created from a pool.
- `String product` - The product type of the license ('CDP Server Stand Alone (Windows)', 'CDP Server Stand Alone (Linux)').

Many of the methods return Maps or take Maps as arguments. These maps may have different key/value mappings depending on the context. The maps basically represent different objects. These objects and their corresponding key/value mappings are described below.

Filter Map | Features Map

Filter Map

The Filter Map can be used for both the products CDP 2.x and 3.x.

Name	Type	Description
Type	String	Type of License ('Perpetual', 'Heartbeat', 'Trial', 'Pooled License').
Enabled	Boolean	Whether or not license is enabled.
Installed	Boolean	Whether or not license is installed.
Server Description	String	Description of server on which license is installed.

Product	String	Product type of the license.

Features Map

Name	Type	Description
CDP 3 Generic Agents	Integer	Number of Generic Agents.
CDP 3 MySql Backups	Integer	Number of MySQL add-ons.