

## Automated Credential Retrieval Using CCMSCR

### FREQUENTLY ASKED QUESTIONS

*What is CCMS/CCMSCR?*

**CCMS** is a registration authority with integrated CMP enrollment, key escrow, and recovery services. **CCMSCR** is the CCMS client application that retrieves and installs end user credentials.

*How often does it contact CCMS?*

Contact to the CCMS server is configurable. It can contact on a periodic basis (every X days for example) or every login X days before certificate expiry.

*How does it authenticate to CCMS?*

If the user has no credentials, it can use either Windows authentication or password authentication. If the user has credentials, it will use certificate-based authentication.

*Does it write P12s to disk?*

No, the keys aren't written to disk. They are installed directly into the destination key store.

*What are the supported key stores?*

Windows and CSPid.

*Can it configure applications?*

It downloads an installation script when it downloads the user's credentials. The script can execute whatever commands are needed including downloading additional information by using CCMSCR's download functionality.

*Where is the signing private key generated?*

This is configurable on the CCMS server. Either CCMS or CCMSCR can generate the private key of the signature credential

*How is it "managed"?*

Everything is centrally managed by the CCMS server. The installation script is stored/managed by the CCMS server and downloaded each time the user retrieves their credentials. The destination key store and installation constraints (exportability, password requirements, etc.) are controlled by CCMS and applied by CCMSCR during installation of the user credentials.

*What happens if the automated install fails?*

The user can select "retrieve my credentials" from the Windows Start Menu to manually start the process. Optionally, CCMS can email a pickup link or even PKCS#12 files to users.

*Is it perfect? Will it do everything I want?*

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