Credio

Management Guide

Table of Contents

1. Connecting to server
    a. Username – default username is: Administrator
    b. Password – default password is: password
    c. Domain – domain that will be managed. default root domain is: CREDIO
    d. IP/FQDN – manually enter IP address of the Credio server. By default management console will try to connect to address: _credio.<Domain>.if you don't have DNS A record that resolve _credio.<Domain> host to IP address of Credio server, you will have to enter IP address of Credio server manually.

server connection credentials	✕
Username	Administrator
Password	●●●●●●●●
Domain	CREDIO
⌃ optional server address	
IP / FQDN	10.60.0.4
	Login Cancel

After successful connection to Credio server, you will enter Home screen.

2. Credio server – Home screen
   a. Domains – will list all domains in Credio server.
   b. Network Configuration – Credio server network configuration (ip, routing, dns).
   c. License Info – display Credio server current license information.
   d. Server Health – display Credio server health. (memory, cpu, disk, requests per second).
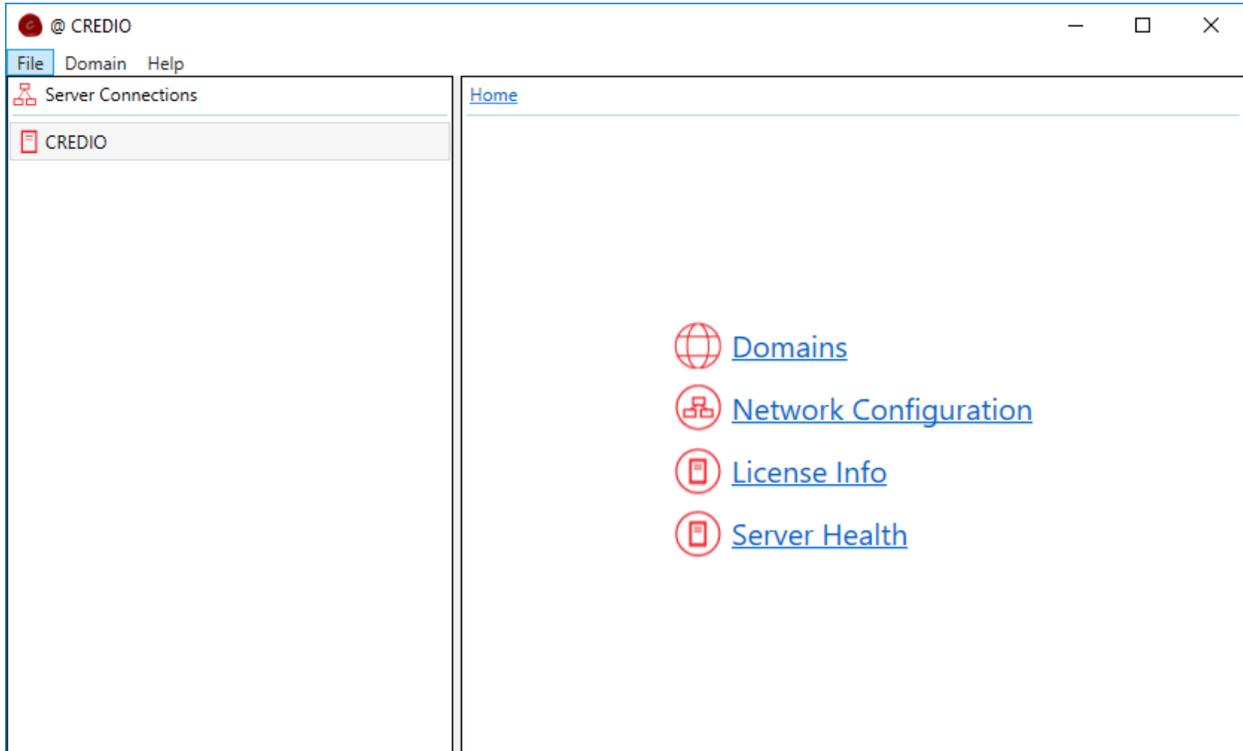
3. Management of Credio domain

Within one connection to Credio server, you can manage only the domain that has been selected for connection, also create / remove management domain subdomains. Currently managed domain will be highlighted with green in Domains page.
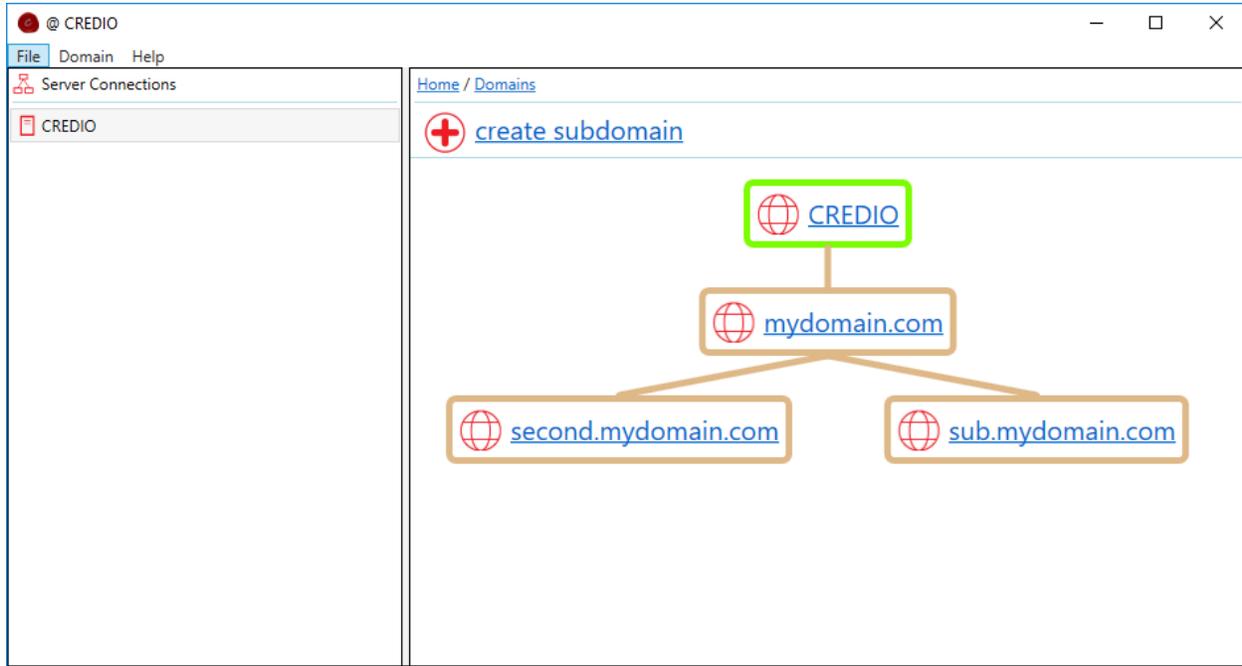
4. Credio domain options
    a. Users – Domain Users management
    b. Groups – Domain Groups management
    c. Resources – Domain Resources management
    d. NSS Profiles – Domain NSS Profiles management
    e. Network Clients – Domain Network Clients management
    f. Backup & Restore – Domain Backup & Restore management
    g. Refresh – Refresh Domain information. (in case of multiple management consoles are used for management of the domain in the same time)
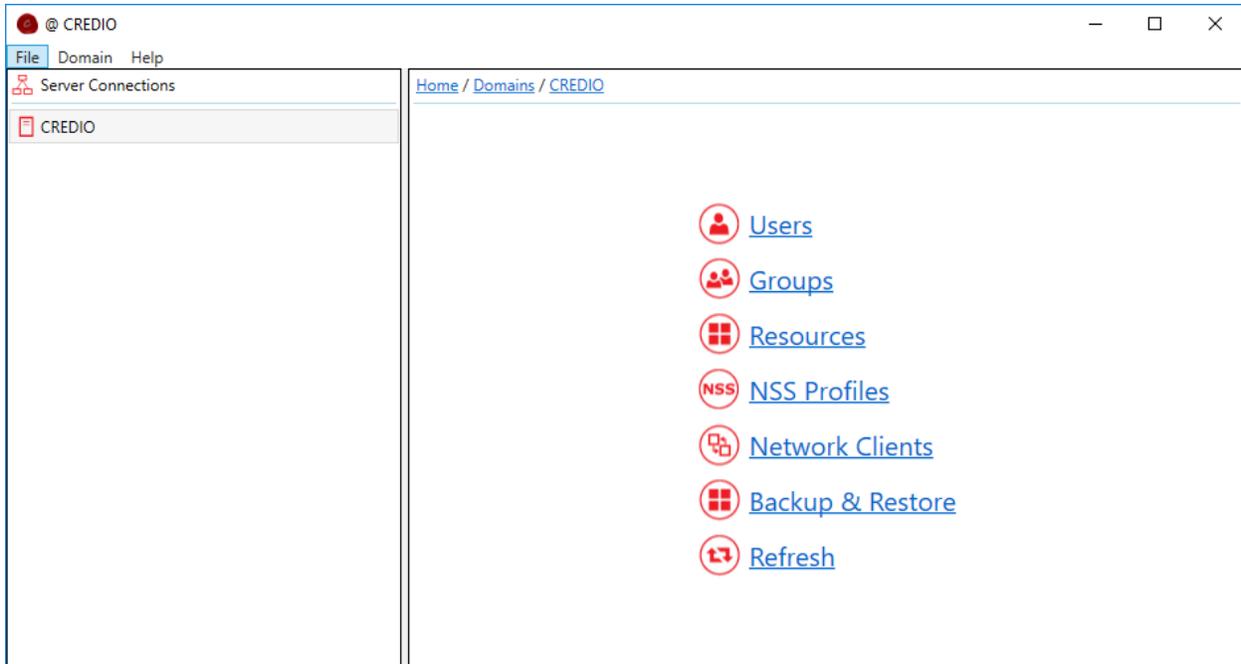
5. Users Management

User object has as a minimum two properties;

- ID – unique key within Credio server. ID is automatically generated and cannot be changed.
- Username – unique key within Domain. You can have the same usernames, but they should be in different Domains.

User can be member of a Group(s), inheriting all Permissions and Attributes from the Group(s).

User can have additional Attributes, expressed as key-value pair.

6. Groups Management

Group object has as a minimum two properties;

- ID
- Name – unique key within Domain.

Group can be member of other Group(s), inheriting their Permissions and Attributes.

Group can have additional Attributes, expressed as key-value pair.

7. Resources Management

Resource has as a minimum three properties;

- ID
- Name – unique key within Domain.
- Type – Resource type Generic or Application.

and two additional properties;

- Parent – represent parent Resource of current Resource. Parent-child model is used to represent Permission path, i.e. /MyApp/Menu/Invoices
- Permissions – holds actual permissions for members of this Resource.

8. NSS Profiles Management

NSS Profile has as a minimum two properties;

- ID
- Name – unique key within Domain. Credio Profile uses this Name to identify NSS Profile witch will use for authentication and authorization.

NSS Profiles can be included to achieve easy hierarchy management, for example you can have one NSS Profile named 'Admins' and include it in other NSS Profiles 'WebServers', 'DatabaseServers' that will allow Users from 'Admins' NSS Profile to have access within 'WebServers' and 'DatabaseServers' NSS Profiles, without needs to explicitly add admin users to 'WebServers' and 'DatabaseServers' NSS Profiles.

9. Network Clients Management

Network Client has as a minimum two properties;

- ID
- Name

and additional properties;

- IP address or Network address.

Network Client specify clients IP addresses that can access Credio Server APIs. For example, if you specify Network Client 'MyNetwork' with Network address 192.168.0.0/24 Credio Server will serve API requests only from network 192.168.0.0/24.

By default, Credio Server is open for requests from any addresses - no Network Clients are defined, if you want to allow only specified networks to have access to Credio Server API you should add them as Network Clients.

 ! *Note:*

Credio Management Console uses Credio Server API for management, so make sure you have allowed address of Credio Management Console as Network Client first before specify other Network Clients.

When first Network Client is defined Credio Server will begin serve API requests only from this Network Client, if you start defining Network Clients without first define address of Credio Management Console you will lose access from Credio Management Console to Credio Server.

10. Backup & Restore Management

Backup & Restore are used for Backup and Restore of Credio Domain data.

Backup will create backup of entire Credio Domain at the given time.

Restore will restore entire Credio Domain from the time of Backup. You will lose any new entered data from the time of the Backup to moment of Restore.