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# Responsiv Cloud Identity Store Expansion

RA002DO-PD

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Product Description



## Responsiv Cloud Identity Store Expansion

Responsiv Cloud Security Service is used by Responsiv Cloud Platforms for authentication and authorisation services. It provides an identity provider that locally manage users, connect to external identity providers for single-sign-on, and use federated trust associations to avoid password challenges by trusting unified credentials.

Responsiv Cloud Identity Store Expansion is used to add an isolated hosted or redirected (federated) identity store to the Responsiv Cloud Security Service (RA002CN). Isolated Identity Stores are used to collect and manage a set of users, credentials, roles, and groups that are isolated from other ID stores. Typically, this product is used to separate customer credentials from staff security arrangements.

*This product description describes the key features, functions, and capabilities of the product or service. It is not intended to fully document the product or to provide support.*

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## Service Overview

Responsiv Cloud Security Service is used by Responsiv Cloud Platforms for authentication and authorisation services. It provides an identity provider that locally manage users, connect to external identity providers for single-sign-on, and use federated trust associations to avoid password challenges by trusting unified credentials.

Responsiv Cloud Identity Store Expansion is used to add an isolated hosted or redirected (federated) identity store to the Responsiv Cloud Security Service (RA002CN). Isolated identity stores are used to collect and manage a set of users, credentials, roles, and groups that are isolated from other ID stores. Typically, this product is used to separate customer credentials from staff security arrangements.

Multiple Identity Store expansions may be used to extend the capacity or capability of the Responsiv Cloud Security Service.

### User Management

Users can be removed or added to the service by adding them to the appropriate identity store. For local users this is done through the Responsiv Cloud Console. For external identity stores, use the appropriate process. User authorisations can be configured in the same way.

Additional identity stores can be added to the service to allow segregation of user categories, for example guests and external users separated from internal staff.

### User Protection

The service is integrated to Responsiv Cloud Services and Responsiv Cloud Platforms to protect all direct user access. The service intercepts access requests and checks for credentials. If credentials are not appropriate, then the user is redirected to authenticate themselves.

### API Protection

Trust Interceptors can be configured to protect API access to services. The service also supports standard API protective protocols, including OAuth2, OpenID, JWT.

### Underlying Software

This description is for a Responsiv product that is implemented using a combination of capabilities delivered by pre-existing products. References to those products and their documentation are required to improve understanding of the capabilities that are available and how to access them using the available tooling. Responsiv makes no claim that our product provides all documented features. If a feature is of particular interest, please seek clarification with Responsiv.

Developers use a low-code graphical development environment that allows them to move into Extended SQL, Java, and other languages that may be more appropriate for a particular problem, or that already exist and can be reused.

## Accessing the Service

The service is hosted in Responsiv Cloud datacentres located in the UK and accessible over the public Internet or using optional dedicated MPLS<sup>1</sup> connections. Refer to Cloud Service Terms and Conditions for information about hosting providers.

Please refer to the parent platform product description (Responsiv Cloud Security Service) for information about how to access the service.

<https://responsiv.co.uk/ra002cn-pd-responsiv-cloud-security-service/>

## Features

### Identity Store Configuration

This expansion pack adds a single identity store and connection point to a parent Responsiv Cloud Security Service. The identity store creates a scope for policies and user identity information, which can be configured to be local to the Responsiv Cloud, inside the Responsiv Cloud Security Service, or connected to an external identity store.

Responsiv provide an identity store to be used to control access to services hosted in your customer place. The identity store can be used to define local users and/or roles, and to federate with an existing identity store. Identity Stores are private to a each customer with no access allowed directly between realms.

[https://www.keycloak.org/docs/latest/authorization\\_services/index.html#\\_enforcer\\_overview](https://www.keycloak.org/docs/latest/authorization_services/index.html#_enforcer_overview)

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<sup>1</sup> See optional services

## Optional Services

Please refer to the parent platform product description (Responsiv Cloud Security Service) for information about optional services.

<https://responsiv.co.uk/ra002cn-pd-responsiv-cloud-security-service/>

## Developer and Administrator Tooling

### Unified Management

Security management is provided by the Responsiv Cloud Security Service console. Responsiv creates all identity stores and configures all connectivity to external identity stores and certificate authorities.

Using the Responsiv Cloud Console, you may manage identities and set policies, allowing you to add users, register applications and services, and protect your cloud installation.

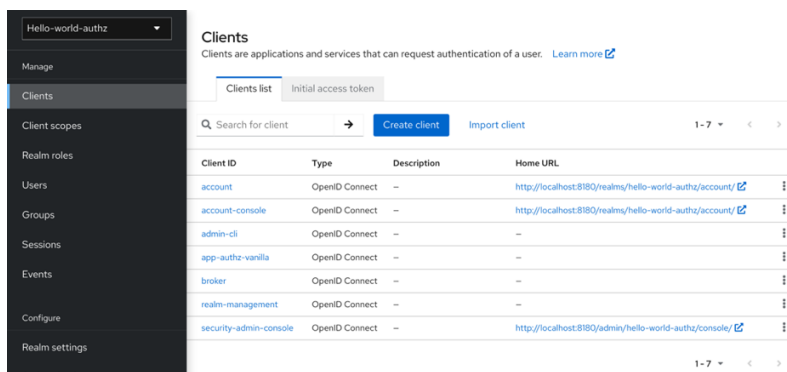


Figure 1; Registration of applications and services authorised to use the service.<sup>2</sup>

Please refer to the parent platform product description (Responsiv Cloud Security Service) for information about how to develop and administer the service.

<https://responsiv.co.uk/ra002cn-pd-responsiv-cloud-security-service/>

## Service Management

Responsiv manages this service, including active health monitoring, patching, upgrades, and general maintenance. The service is available 7x24.

Please refer to the parent platform product description (Responsiv Cloud Security Service) for information about how this service is managed.

<https://responsiv.co.uk/ra002cn-pd-responsiv-cloud-security-service/>

### Format and Charging Measures

This product is available in the following formats:

- Once installed, this expansion pack is managed as part of the parent service.

This product supports charging by instance, registered users, and duration. Entitlements use a combination of charging measures that are appropriate to the intended purpose.

## Architecture

The Responsiv Cloud Security Service is hosted in a secure part of the Responsiv Cloud.

Please refer to the parent platform product description (Responsiv Cloud Security Service) for information about the architecture of this service.

<https://responsiv.co.uk/ra002cn-pd-responsiv-cloud-security-service/>

<sup>2</sup> [https://www.keycloak.org/docs/latest/authorization\\_services/index.html#\\_getting\\_started\\_overview](https://www.keycloak.org/docs/latest/authorization_services/index.html#_getting_started_overview)