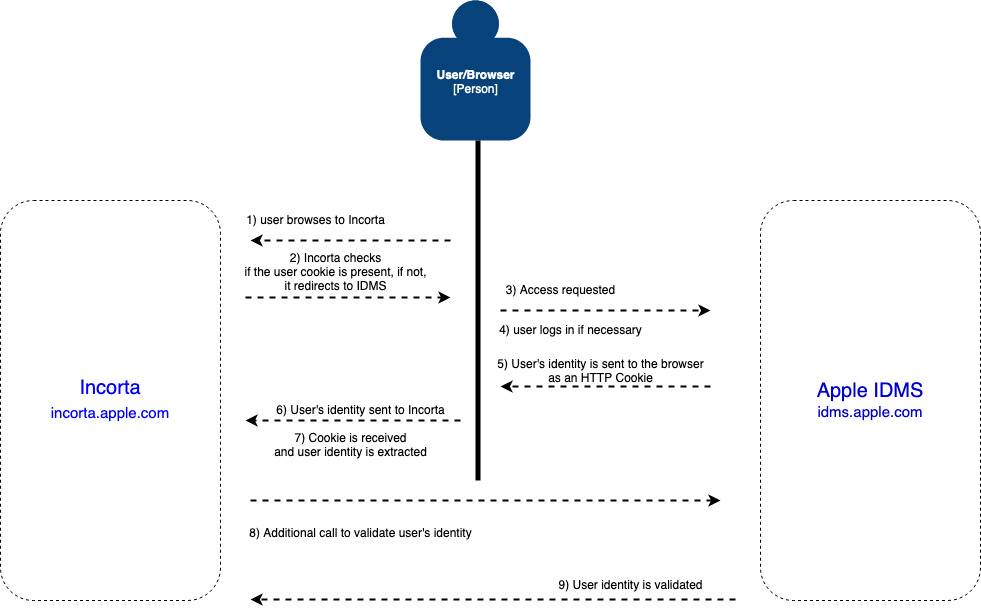
# Apple DSAuth

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# Introduction

This document explains how Incorta integrates with Apple's IDMS to authenticate its users.

# Workflow Overview



1- User browses to Incorta, typically through a web browser

2- Incorta looks for an HTTP cookie, with a name configured in the valve configuration, If the cookie is not present OR it does not contain the correct login name as expected, Incorta redirects the user to IDMS for authentication (through the user’s browser)

3- On IDMS, the user logs in if required, then the user is redirected back to Incorta with the HTTP cookie containing their identity token.

4- Incorta checks again for the cookie and extracts the user identity token

5- Incorta sends a validation request to IDMS using a configured validation URL, the validation request contains in its body the identity token (**not performed through the user’s browser**)

6- IDMS replies back if the token is valid or not, if the token is valid, the user gets logged into Incorta normally. If not, the user is redirected back to IDMS.

**Note:**  
DSAuth valve does not contain any Apple-specific logic, all Apple-specific URLs are configured in the Valve settings when defining the valve in the server.xml file

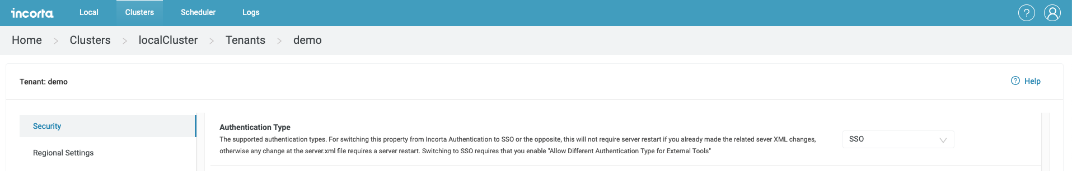
# Setup instructions

## Prerequisites

Make sure apple-dsauth.jar is under runtime/lib directory and incorta-sso.jar, incorta-onlogin-valv.jar are removed.

## Configuration steps

1- Make sure that SSO is enabled for your desired tenant from CMC as below



2- Update the server.xml for the analytics service with the following Valve tag and its attributes

<Valve LoggingEnabled="true"

appAdminPassword="xxxappAdminPassword"

appId="xxxId"

appIdKey="xxxKey"

className="com.incorta.sso.valves.DSAuth"

logoutURL="http://ds.incorta.com:8080/incorta.simulators/dsauth/signin"

myacinfo="myacinfo"

redirectUrl="http://ds.incorta.com:8080/incorta.simulators/dsauth/signin"

userLoginKey="userName"

validateUrl="http://ds.incorta.com:8080/incorta.simulators/dsauth/validate"/>

3- restart the analytics service for the configuration to take effect