

Introducing OCI IAM Identity Domains: What customers need to know

Oracle merged the capabilities of Oracle Identity Cloud Service (IDCS) into the native Oracle Cloud Infrastructure Identity and Access Management (OCI IAM) service. This enables Oracle Cloud customers with a rich, enterprise-class set of identity and access management (IAM) features for use with OCI, Oracle Cloud applications, and third-party applications.

What do I need to know?

- Oracle Identity Cloud Service (IDCS) instances are now [OCI IAM identity domains](#).
- All existing IDCS administration and My Profile functionality remains the same but is now available in the [Oracle Cloud Console](#).
- The Oracle Cloud sign-in page has an updated design to match the latest Oracle Cloud design guidelines.

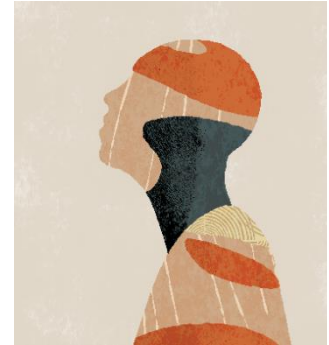
What changes were introduced into my Oracle Cloud tenancy?

All existing IDCS instances are now available in the Oracle Cloud Console as identity domains. For OCI tenancies that previously had an auto-federated IDCS instance, that instance is now an identity domain in the OCI tenancy root compartment named `OracleIdentityCloudService`.

Three more important changes have occurred:

1. **Oracle Cloud sign-in page:** has been updated with a new design.
2. **Identity Cloud Service administration** functionality has been moved to the Oracle Cloud Console.
3. **My Profile** functionality has been merged with Oracle Cloud Console user profile.

See below for more information and Frequently Asked Questions related to these changes.



What is OCI IAM?

[OCI IAM](#) is the access control plane for Oracle Cloud. It provides strong authentication options and the policy engine used to manage access to Oracle Cloud resources such as networking, compute, storage, and analytics.

Now, with the merged capabilities of IDCS, it's also an Identity-as-a-Service solution used to manage access for employee or workforce scenarios, consumers or citizens, and developers building custom applications.

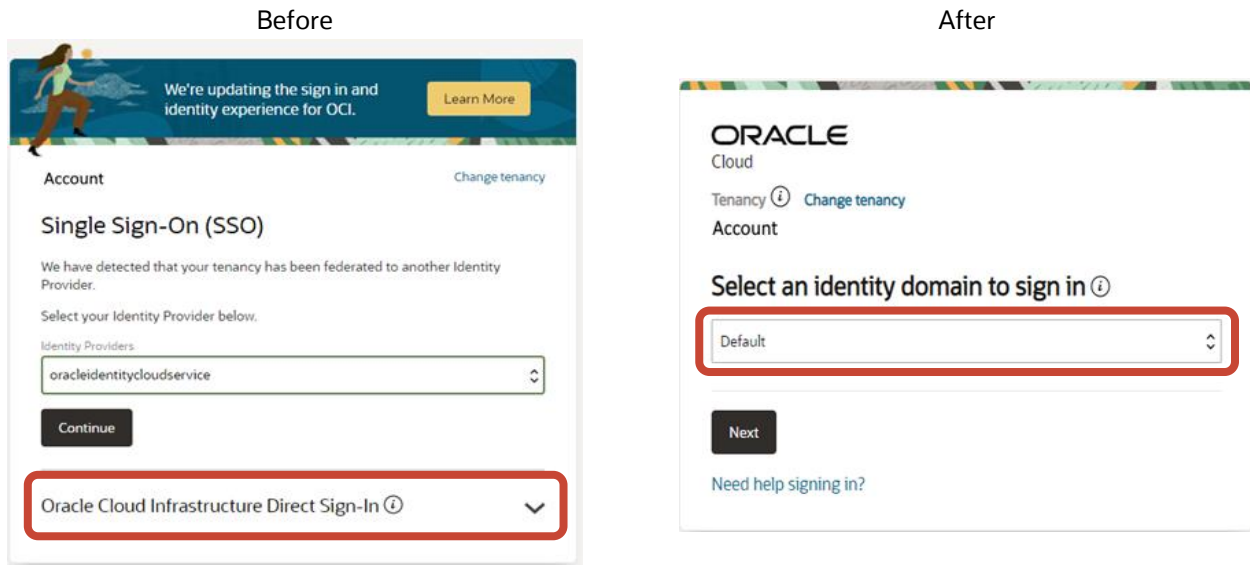
Additional Resources

- [OCI Identity and Access Management](#)
- [OCI Identity and Access Management documentation](#)
- [Oracle Cloud Console](#)
- [Oracle Cloud Security Blog](#)

1. Oracle Cloud sign-in page has been updated with a new design

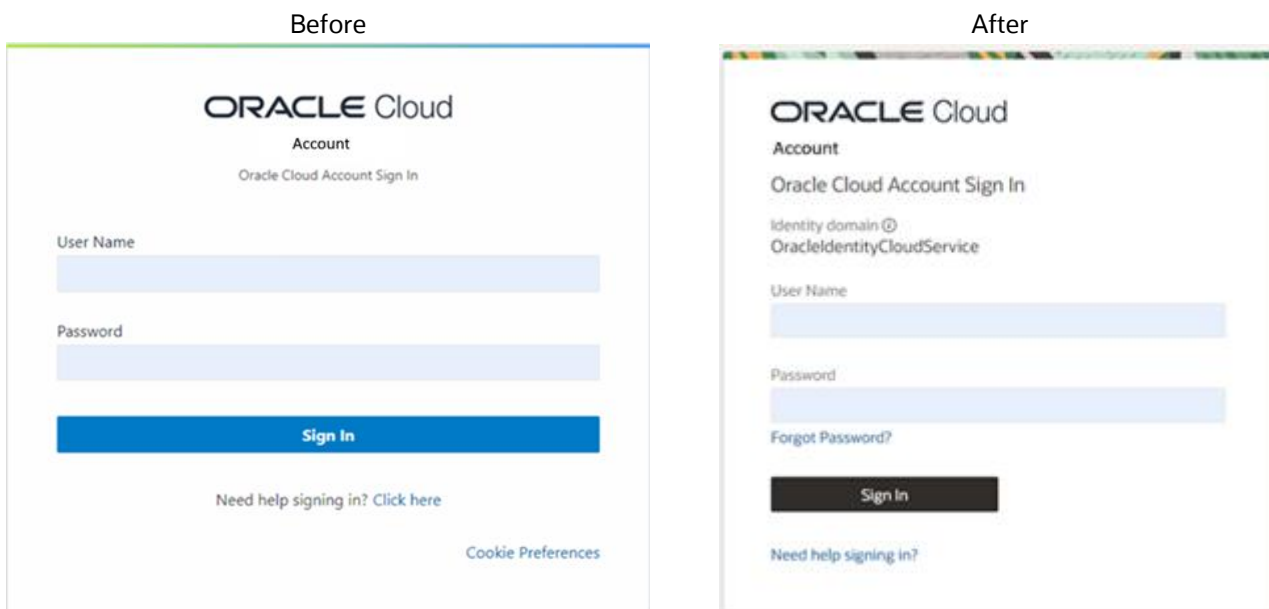
The Oracle Cloud sign-in page has been refreshed to match the latest Oracle Cloud design guidelines. Instead of two sign in options (identity providers and OCI direct sign-in), all users will now select an identity domain to sign in.

Users who previously selected the **Direct Sign-In** option, should now select the **Default** identity domain from the updated sign-in page.

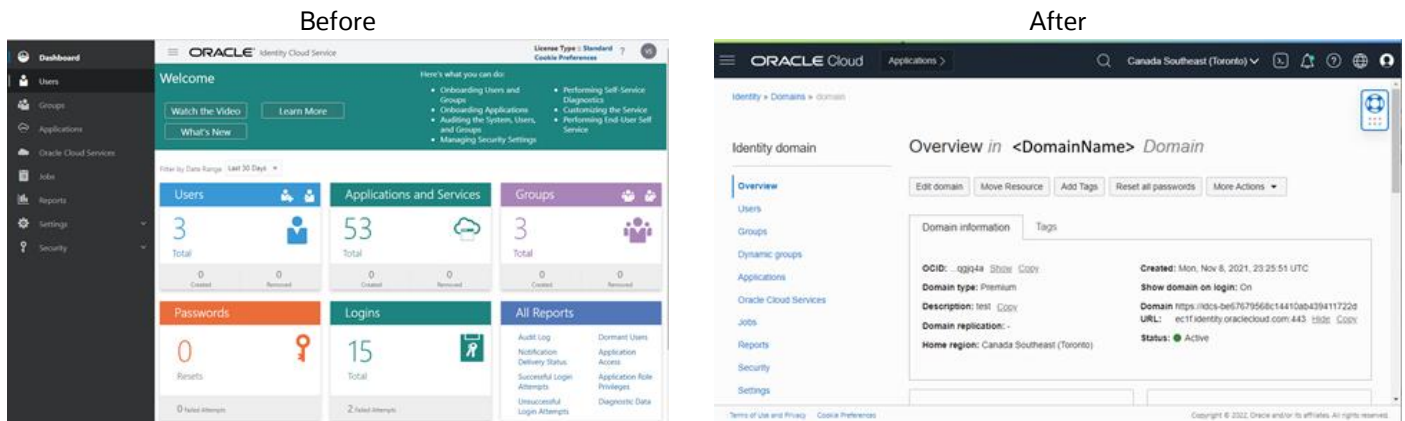


2. Identity Cloud Service administration functionality has been moved to the Oracle Cloud Console

Customers who used IDCS to authenticate users for applications will notice minor style changes to the IDCS sign-in page. The added "identity domain" attribute is the name of the identity domain that matches the IDCS instance name.



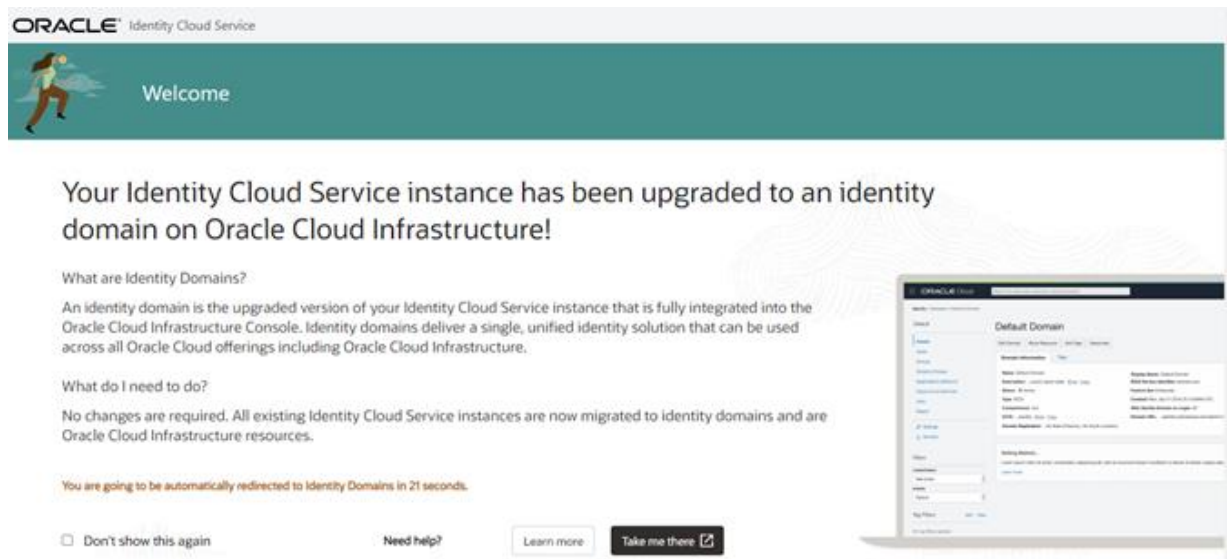
The Identity Cloud Service administration console now redirects to the Oracle Cloud Console. The same set of administrative functions is available in the new console.



To navigate to Identity domains in the Oracle Cloud Console, Select **Identity & Security** in the navigation menu, then select **Domains** under the **Identity** heading.

Will my existing bookmarks work?

Yes, they will work, and a redirection page will welcome you to the new experience.



For example:

<https://idcs-<instanceid>.identity.oraclecloud.com/ui/v1/adminconsole>

will be redirected to:

<https://console.<region>.oraclecloud.com/identity/domains/<DomainOCID>>

3. My Profile functionality has been merged with Oracle Cloud Console user profile

Customers who use the IDCS My Profile pages will notice style changes to the My Profile pages, which will now be delivered via the Oracle Cloud Console.

Before

The screenshot shows the Oracle Cloud Console My Profile page for user Brian Rogers. The page is divided into three main sections: Account Information, Work Information, and Other Information. The Account Information section includes fields for User Name, Email, Prefix, Instant Messaging Address, First Name, Home Phone Number, Middle Name, Mobile Phone Number, Last Name, and Suffix. The Work Information section includes fields for Title, Country, Street Address, Time Zone, City, Locale, Postal Code, and Work Phone Number. The Other Information section includes fields for User Type, Division, Employee Number, Department, Organization Name, Cost Center, Set Once, testName, test, and Read Only. A Save button is located in the top right corner of the Account Information section.

Section	Field	Value
Account Information	User Name	brian.rogers@mycompany.com
	Email	brian.rogers@mycompany.com
	Prefix	
	Instant Messaging Address	
	First Name	Brian
	Home Phone Number	
	Middle Name	
	Mobile Phone Number	
	* Last Name	Rogers
	Suffix	
Work Information	Title	
	Country	
	Street Address	
	Time Zone	
	City	
	Locale	
	Postal Code	
	Work Phone Number	
Other Information	User Type	
	Division	
	Employee Number	
	Department	
	Organization Name	
	Cost Center	
	Set Once	
	testName	
	test	
	Read Only	

After

The screenshot shows the Oracle Cloud Identity user profile page for Brian Rogers. The page is divided into several sections:

- Header:** Oracle Cloud logo, search bar, and navigation icons.
- Identity - My profile:** A sidebar menu with options like "My profile", "My requests", "My groups", etc.
- User Profile Card:** Displays the user's name "Brian Rogers", email "brian.rogers@mycompany.com", organization "My Company", department "Sales", and last updated time "Tues, Sep 1, 2023 00:00 UTC".
- Profile details:** A section with "Edit profile" and "Change password" links. It lists fields such as OCID, user name, created date, prefix, first name, middle name, last name, email, instant messaging address, home phone number, Oracle support account, and multi-factor authentication.
- Work information:** Lists fields like title (Product Manager), street address, city (Seattle), postal code (98101), state (Washington), country (USA), time zone, preferred language, user type, employee number, organization name, division, department, and cost center.
- Other information:** Lists fields like title (Product Manager), street address, and city (Seattle).
- Capabilities:** A section with a collapse icon, listing capabilities such as Local password, API keys, Auth tokens, SMTP credentials, Customer secret keys, OAuth 2.0 client credentials, and Database passwords.
- Tags:** A section with an "Add tags" link and a list of defined tags, including "Oracle-Tags.CreatedBy: This_user".
- Footer:** Links for "Terms of User and Privacy" and "Cookie Preferences", and a copyright notice for 2023.

Frequently Asked Questions about OCI IAM identity domains

- General FAQs
- FAQs for existing OCI administrators
- FAQs for existing IDCS administrators
- FAQs for Oracle SaaS and Application administrators

General FAQs

What are the benefits of introducing OCI IAM identity domains?

Identity domains add several IAM features natively to the OCI IAM service which simplifies administration and operational management:

- Oracle merged all the enterprise IAM capabilities of IDCS into OCI IAM natively. IAM functionality such as advanced authentication techniques and user lifecycle management are now natively available in your OCI tenancy via OCI IAM identity domains.
- The Oracle Cloud sign-in page has been simplified with fewer options to reduce confusion for users.
- Customers who previously used IDCS with their OCI tenancies will now enjoy simplified administration via a single pane of glass for all user management. Identity domains are accessible in the Oracle Cloud Console navigation menu under Identity & Security.
- OCI IAM is an Identity-as-a-Service (IDaaS) solution with the flexibility to cover virtually any IAM use cases across employee, partner, consumer, and developer scenarios.
- By unifying administration and user experiences across key IAM functions, identity domains simplify administration, reduce cost of ownership, and improve time to value. As a native service of OCI, customers can use the diverse feature set of OCI IAM across use cases in any geography. And the service is delivered on trusted OCI infrastructure for optimized performance and stability. OCI IAM is also flexible enough to handle a wide variety of IAM use cases across employee, partner, and consumer scenarios.

When will my tenancy be updated? Can I select the date or time?

Identity domains are being introduced to all tenancies via an automated process. The update incurs no downtime and does not require any actions or preparation. The process does not provide a way to forecast the specific date or time when the update will happen but you will be notified approximately two weeks in advance.

How does this impact my end-users who aren't technically savvy?

General system users will notice an upgrade to the design of the sign-in page. If you are using a custom sign-in page, the design will not be impacted. They will continue to use the same *My Profile* and *Catalog* pages. They can continue to reset their own passwords. In general, most users will see this update as a design update.

FAQs for existing OCI administrators

How does this impact existing OCI tenancies?

- Local OCI users and groups are now part of the *Default* identity domain. Users that previously signed in using "Direct Sign-In" should use the Default domain on their next sign in.
- Existing external federations will continue to operate. However, new federation relationships will need to be configured within an identity domain.
- There is no impact for existing users, policies, configuration, or access. This update will maintain all existing security policies, configurations, and user populations. We're not removing functionality or changing any policy configurations.

- All IDCS instances associated with your cloud account are now administered via the Oracle Cloud Console as identity domains.

Will this update maintain provisioning to OCI IAM security groups for use in OCI policies?

- To preserve existing OCI policies and security configurations, this update maintains group mapping from the federated IDCS instance to the Default identity domain.

How is administrative access impacted for existing OCI tenancies?

- Granting a user or a group the Identity Domain Administrator role in the Default domain is equivalent to granting them full administrator permissions for the tenancy. This behavior applies to the Default domain only. Granting users or groups the Identity Domain Administrator role for domains other than the Default domain, grants them full administrator permissions only for that domain. You should confirm that the membership of the Identity Domain Administrator role in the Default identity domain is consistent with your security policies.
- An OCI_Administrators group has also been added to the IDCS instance that was provided during tenancy creation (usually called the IdentityCloudService). This group is mapped to the *Default* identity domain's Administrators group, which does not have any users assigned at creation time. If you want users to have full access to the entire tenancy, you can add them to the OCI_Administrators group in the IdentityCloudService domain.
- Each OCI tenancy includes an Administrator account that is created as a member of the tenancy Administrators group. The tenancy Administrators group grants full access to all resources in the tenancy. This now includes the ability to manage identity domains. Any member of this group should be carefully examined.

What changed in the existing OCI IAM service?

- OCI IAM has been updated with additional IAM features and capabilities. All features and functionality of the existing Oracle Identity Cloud Service (IDCS) will be merged into OCI IAM as *identity domains*. IDCS will no longer exist as a separate service, but all its features and capabilities will continue to function as part of the new OCI IAM service.
- OCI IAM will serve additional and expanded use cases:
 - OCI IAM continues to serve as the critical access control plane for Oracle Cloud.
 - Over time, Oracle Cloud applications will standardize on OCI IAM as the native IAM service.
 - OCI IAM supports a wide range of enterprise IAM use cases for complex, hybrid environments.
 - OCI IAM provides a developer friendly IAM engine for custom and consumer applications.

FAQs for existing IDCS administrators

How does this impact my existing IDCS instances?

- All existing configurations, security settings, user and group populations, and access assignments will continue to exist with no interruption.
- Custom sign-in pages have not been modified. Users who authenticate via a custom sign-in page will not experience any changes.
- IDCS administrators will be redirected from the existing IDCS administrative console to the Oracle Cloud Console where updated IDCS instances will be listed as OCI IAM identity domains.
- There are no changes to pricing, metering, or included features for existing IDCS instances. Customers will continue to use their existing IDCS service SKUs.

Will this update allow my organization to leverage the new Identity Domain license types?

- Yes. After IDCS instances become identity domains, administrators will have the ability to change the domain type from the current IDCS license to any of the available identity domain types. This will require that the domain resources do not exceed the limits of the target domain type.

I only use IDCS for access to Oracle applications. How can I update the domain type from IDCS Standard to the new Oracle Apps Premium domain type?

- To move from an IDCS Standard license to Oracle Apps Premium, you would first change the domain type from IDCS Standard to Premium. Then, you can change from Premium to Oracle Apps Premium. Note that the system validates that you are within the limits of the requested domain type before allowing the domain type change. Limits for each domain type are [documented here](#).

How is administrative access impacted for existing IDCS instances?

For all existing IDCS instances, ensure that you validate the group membership of the **OCI Administrators** group(s). This group will have full access to your OCI tenancy and all your identity domains. To do this:

- Go to the MyServices console or the Identity Cloud Service console.
- Locate the **OCI Administrators** group.
- Add and/or remove users to that group to be consistent with your security policies.
- [Learn more](#) about IAM administrator roles.

FAQs for Oracle SaaS and Application administrators

How does this impact the My Services console?

My Services is still available. However, identity and access management functionality is now available under identity domains in the Oracle Cloud console. There are no changes to the provisioning mechanisms for SaaS services. All pre-existing IDCS instances now appear in the Oracle Cloud console as *identity domains*. For example, to manage user roles, you would select the user from within the identity domains admin screens. Customers may still use the MyServices console and links for users, groups, and My Profile but these links will redirect to the Oracle Cloud console along with the *Identity Application* tile, overview, and status links. Billing metric information will also be in the Oracle Cloud console.

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