

Tech Brief

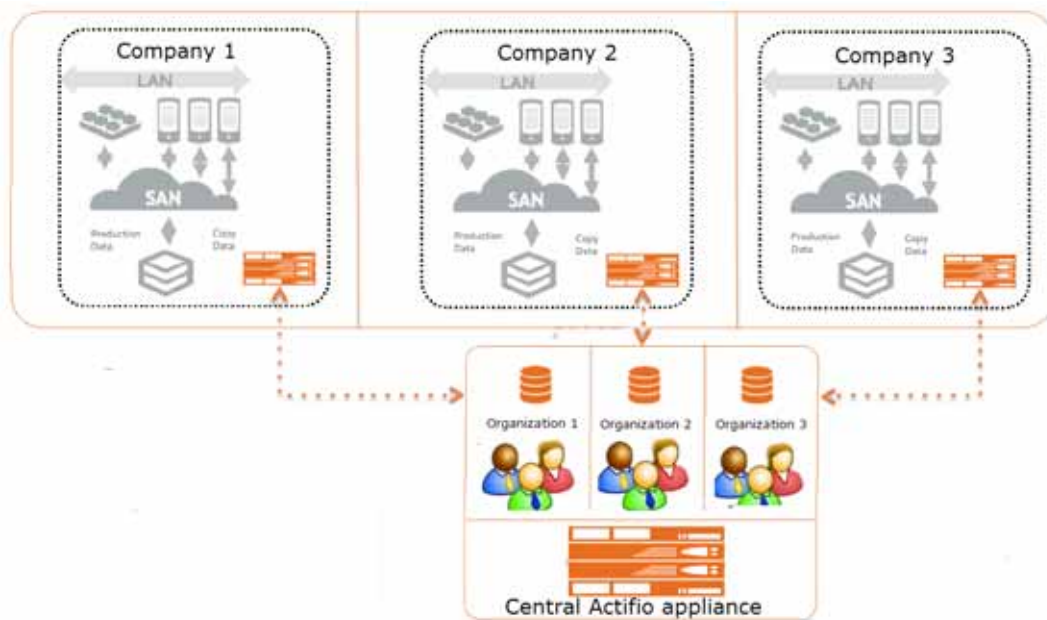
Enabling Multi-Tenancy with Actifio Organizations

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Multi-tenancy can be used to offer remote backup and recovery as a service by deploying multiple Actifio appliances that replicate into a central Actifio appliance.

To isolate data between tenants, an admin user for the central Actifio appliance can create users and assign them to an organization. Actifio appliances joined to the central Actifio appliance can also be assigned to an organization. When an Actifio appliance is assigned to an organization, only users who are members of that organization can access the appliance's replicated data.

Note: Multiple appliances can belong to a single organization.



Defining Access

Users and organizations can be defined via the Actifio Desktop user interface or via Actifio's CLI. The mapping of an Actifio appliance to an organization can only be done via the Actifio CLI.

Specifically, to add an Actifio appliance to an organization, the CLI command, `udstask mkorgresource` will allow `cluster` as a value for `-type`. Where cluster is the Actifio appliance to be added to the organization. As part of the command, you will need to include the resource id.

To obtain the organization name/id use: `udsinfo lsorg`

To obtain the cluster (appliance) id use: `udsinfo lscluster`

For example:

```
udstask mkorgresource -org organization1 -resources 4111 -type cluster
```

To isolate data, Actifio employs granular access control consisting of users, who are assigned roles, who have access to specific organizations. Actifio appliances joined to the central Actifio appliance can be assigned to an organization. This ensures that only those users with access to an organization can access data replicated from another Actifio appliance.

See **Actifio CLI Reference** in the Actifio Documentation Library for details on the `mkorgresource` CLI command and its parameters.

Accessing Replicated Data on Central Actifio Appliance

When connected to the central Actifio appliance, users can only access replicated data for the organization in which they belong.

Note: *Users in an organization can be assigned a role that will further define the data to which they have access.*

Organization members on the central Actifio appliance can access the organization's replicated data in the following ways:

- View replicated images
- Mount images
- Expire images
- View jobs submitted for Mount and Expire operations
- View and manage active mount actives