

Using tenant variables to manage load balancing

This example is written for the **Canistracci OIL** tenant. Create the objects with a **Docs Demo** prefix, test them on non-production numbers, and then adapt the same structure for the production tenant.

As already mentioned, MiRTA PBX, using DNS SRV, can do high availability and load sharing, but not load balancing. It is however possible to perform a "cold" load balancing, moving tenants across your servers manually, but without the need for lots of configuration. Let's see how.

To be able to move a tenant from one server to another one is important to use the provisioning templates for his phones. In the provisioning template, you'll have a variable, `server_host`, containing the server the phone will connect. If you have 100 phones in a tenant, without using the tenant variable, you'll be forced to edit all 100 phones configuration for moving the phones from server A to server B. To avoid this you can enter the new `server_host` value in the tenant variable and enforce it. Tenant variables can be found in Admin / Provisioning / Variables - Tenant Variables

400px

You can change the entries as you like and then select the row and press "Enforce" at the bottom.

Canistracci OIL example screen for Using tenant variables to manage load balancing.

Validation

- Confirm the tenant selected in the top bar is Canistracci OIL before creating the example.
- Verify the created objects appear in the expected Configuration menu page.
- Place a controlled test call or run the related status check.
- Remove or disable temporary test numbers when the example is no longer needed.

Revision #5

Created 2026-06-02 22:01:30 UTC by Admin

Updated 2026-06-02 22:14:16 UTC by Admin