Orchestrator REST API functionalities

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User allowed operations

➢ **Add <u>themselves</u> as a user** and **edit <u>their</u> details** (change picture, add ssh public key…)

➢ **List the available TOSCA templates**

➢ **Submit a deployment**

➢ **Retrieve an <u>owned</u> deployment** by ID

➢ **Retrieve a** (paginated and filtered) **list of <u>owned</u> deployments** (i.e only the latest 10 deployments belonging to themselves)

➢ *Soft* **delete an <u>owned</u> deployment** (free resources)

➢ **Update an <u>owned</u> deployment** with/without re-deploy on the same IaaS

➢ **Reset the status of a stalled <u>owned</u> deployment** (i.e from *DELETE IN PROGRESS* to *DELETE FAILED*)

➢ **Inspect the deployment's TOSCA template**

➢ **List the resources** of a <u>owned</u> deployment

➢ **Manage a resource** of a <u>owned</u> deployment (i.e. Start/Stop/Reboot a VM)

➢ **Reset the status of a stalled resource** of a <u>owned</u> deployment (i.e from *DELETE IN PROGRESS* to *DELETE FAILED*)

➢ **Retrieve logs** generated by an <u>owned</u> deployment request (coming from all components involved in the deployment and from the IM).

　　➢ They are kept after the deployment *soft* deletion

➢ …

Admin allowed operation

- **Delete a user**
- **Add a new TOSCA template**
- **Patch or remove an existing TOSCA template**
- **Retrieve <u>any deployment</u>** by ID
- **Retrieve a** (paginated and filtered) **list of deployments** (i.e only the latest 10 deployments)
- **Update <u>any deployment</u>** without re-deploy on the same IaaS
- *Soft* and *Hard* **delete <u>any deployment</u>** (Hard=remove the entry from the DB)
- **Reset the status of a stalled deployment**
- **Add or remove deployment's owners**
- **List and manage resources** of a <u>any</u> deployment
- **Reset the status of a stalled resource** of a <u>any</u> deployment
- **Retrieve logs** generated by an <u>any</u> deployment request
- **Delete logs older than a fixed period (GDPR constraint?)**
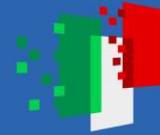
Thank you

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