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Ermis service for DNS Load Balancer configuration

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This presentation describes the implementation and use cases of the Ermis Service. Ermis is a RESTful service to manage the configuration of DNS load balancers. It enables direct creation and deletion of DNS delegated zones using a SOAP interface provided by the Network group thus simplifying the procedure needed for supporting new services. It is written in Python as a Django Application. This is quite generic and can be easily adapted to other types of Load Balancers. Ermis is being integrated with Openstack. It uses the Openstack Keystone API as a means of authentication and authorization as well as Kerberos and e-groups. The ultimate aim of the project is to provide Load Balancing as a Service (LBaaS) to the end users of the cloud.

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