



'usage' course – difficulty ★★☆☆

2 days (14 hours)

Recommended for
System administrators
Solution architects

TEACHING GOALS

At the end of the course:

- ✓ You **master cloud orchestration concepts**
- ✓ You have been introduced to and you have worked with **Heat templates syntax**
- ✓ You have been introduced to **cloud application development tools**
- ✓ You are able to **manage your applications' scalability**

Prerequisites

Have already used an OpenStack cloud

DETAILED CONTENT

Day 1	Day 2
<ul style="list-style-type: none"> ✓ Introduction ✓ About Heat ✓ Heat concepts ✓ Stack concepts <p>YAML Introduction to the tools to make better use of the HEAT language</p> <p>Templates</p> <ul style="list-style-type: none"> ✓ Template structure ✓ HOT API ✓ Parameters description and how to use them ✓ Functions 	<ul style="list-style-type: none"> ✓ Resources ✓ Resource structure ✓ Namespaces ✓ Key resources by component <p>Advanced concepts</p> <ul style="list-style-type: none"> ✓ Instance High Availability ✓ Alarming ✓ Auto-scaling ✓ Nested Stack <p>Additional tools</p> <ul style="list-style-type: none"> ✓ cloud-init ✓ Configuration management tools