

OpenStack Core Open Source Projects

Support	Documentation Web Site Mailing Lists IRC Channels Release & Distribution Packaging Design Conferences	Reference Design & Implementation	Service Interface and Data Requirements <ul style="list-style-type: none"> • Data Contracts for Authentication (general) • Data Contracts for Authorization (per service) • Data Contracts for Usage Data (general) • Public API (per service) • Administrative API (per service) • Notification API (per service/optional) • OpenStack Programming Model
Interfaces & Control Panels	API Services Language Bindings User Experience Administration Operations		Reference Cloud / Validation <ul style="list-style-type: none"> • Developer Use Case(s) (Agile and API) • Proof-of-Concept / DC Hosting Use Case • Hardware Demo Use Case • Feature Preview Use Case • Deployments plus published schematics
Provisioning Services & Automation	Cloud & Automation Infrastructure (Nova) <ul style="list-style-type: none"> • Virtual Machine Provisioning & Management • Virtual Image Management & Tools • Virtual Volume Provisioning and Management • Virtual Network Provisioning & Management 	Build & QA Automation	<ul style="list-style-type: none"> • Hudson Integration / Unit Test Automation • Functional Test Automation • Multiple Target Platform Test Automation • Scale & Performance Test Automation
	Large Scale Data Storage & Processing (Swift) <ul style="list-style-type: none"> • Highly Reliable Object Storage 		

OpenStack External/Compatible Projects

1. Stages: Incubation; Evolving; Mature/Maintenance
2. Must be presented to the POC and discussed.
3. Must have project sponsor, project leader, & project management.
4. Owns responsibility for project governance, architecture, community.
5. Owns responsibility for packaging and distribution
6. Considered optional for OpenStack distribution

Deployment Specific Services

- Outside the scope of the OpenStack project. Owned by the organization doing the deployment.
- Usage Data Collection, & Data Analytics
 - Chargeback & Billing
 - Data Warehouse & Business Intelligence/Reporting