

.MU Select Committee - Technical Proposal

Human Resources

The registry will need to employ at least 3 technical staff (2 Engineers and 1 Administrator) for the daily management of the .MU Registry. Administrators tasks will include but will not be limited to the installation of upgrades/patches of the registry software on the registry servers, ensure that servers are always up-to-date and the provision of support to the registrars either by phone or by email.

Registry System & Software

At the beginning, the registry will require the following configuration:

1. Four (4) DNS Servers
 - a. Two (2) of the DNS Servers can be obtained for free from **Packet Clearing House** <https://www.pch.net/technology/anycast.php> and **ISC** <http://isc.org> for the anycast DNS Service.
 - b. The other two (2) DNS Servers will be hosted in Mauritius
2. Two (2) Registry Servers
 - a. The registry servers host the registry database, registry software, Extensible Provisioning Protocol (EPP) Server and whois server.
 - b. They will be hosted in Mauritius.
3. Registry Software
 - a. It is recommended to use the CoCCA Registry System - <http://www.nic.cx/srs/> as it is ready made, well maintained and is free to use.
 - b. The software support EPP and Whois Server is also included.
 - c. The software can easily be customized via the admin interface in respect of the policies of the registry.
 - d. Support & Training can be provided by CoCCA.
4. Two (2) Dedicated High Speed Internet Connection for the primary and secondary sites
 - a. At least 1 Mbps connection each with router and firewall.
5. Two (2) data centres at separate location for hosting of the registry servers and the DNS Servers.
 - a. Equipped with UPS, power generators and security features.

Training and Consultancy

It is recommended that the registry takes a support contract with the registry software developer for the training of and support to the administrators of the registry.

Cost Breakdown

		One Time/Setup Cost (Rs)	Recurrent Cost (Rs)
1	Human Resources 2 Engineers + 1 Administrator		2,000,000.00
2	Registry System & Software <ul style="list-style-type: none">- Two (2) Local DNS Servers- Two (2) Registry Servers- Two (2) Servers (Software Development)- Registry Software- Two (2) Dedicated High Speed Internet Connection (1 Mbps each with router and firewall)- Two (2) data centres (Primary and Secondary Sites)	400,000.00 400,000.00 400,000.00 200,000.00	1,600,000.00 2,000,000.00
3	Training and Consultancy <ul style="list-style-type: none">- Training of Administrators- 24/7 Support for the Registry Software	500,000.00	1,000,000.00
	Total Cost (Rs.)	1,900,000.00	6,600,000.00

Note: The above prices are subject to implementation and the prices are indicative only.