Eintellego goes live with ElasticISP

Specialist network integrator Eintellego Networks has announced the full production launch of ElasticISP: a cloud-based, scalable platform designed to provide all the networking infrastructure functions of an ISP and the flexibility to add products from any wholesaler. The idea is to enable an ISP to get up and running much faster, and with much lower capex, than in a conventional infrastructure-based setup.

ElasticISP provides the core networking infrastructure functionality, Layer 2 switching and internal Layer 3 routing; it takes advantage of products from Cisco, Juniper, A10 and other vendors to add in primary network functions such as routing, carrier-grade network address translation and firewalls. "The core is based on Open Networking OS Cumulus Linux and fully redundant 40G switching that is directly connected to multiple cloud or virtual infrastructure providers as well as cross-connected into internet tail (xDSL, fibre, NBN, etc) providers and elastic fabrics," added Eintellego. "Server infrastructure such as web, DNS, mail, database, authentication, backup, and security can be deployed on a dozen cloud providers via Megaport, physically cross-connected in a datacentre or via classic co-location hosting. ElasticISP is fully customisable and customers can add their own hardware for specific functions."

"Previously, building an ISP – even a small one – took significant expense and ramp-up period. After developing an orchestration and automation platform, Eintellego is able to deploy an ISP – depending on complexity – [in as little as] 24 hours," said Eintellego founder and ElasticISP architect Skeeve Stevens. "With ElasticISP your costs and deployment times are drastically reduced [and] much of the risk is gone because most of the hardware that was previously deployed... can be deployed as virtual machines."

"Customers also maintain their direct relationship with all their suppliers without the need of a middle man...ElasticISP is not a VISP solution where you could only buy services from one supplier," he added. "You can buy anything you want from anyone you want and just connect it into the ElasticISP infrastructure... you can buy tails from any wholesaler, and you can blend them together in any way needed without owning any infrastructure or having to manage it. We handle everything."

Eintellego has been beta testing the platform since January, with over a dozen ISPs; several have deployed fully on ElasticISP. The offering is currently available in Sydney and Eintellego plans to offer it in Melbourne by the first quarter of next year. There are also plans to introduce a variant aimed specifically at enterprise networks.

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