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Govt cloud service provider Vault opts with Mellanox and Cumulus

29/05/18



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Vault Systems has chosen to work with Mellanox and Cumulus Networks in providing a cloud service fit for a government.

The Australian government-certified cloud service provider affirms the result of its collaboration is an end-to-end networking solution that is fully integrated with OpenStack to provide advanced cloud features combined with ease of deployment and management.

According to Vault, before engaging with Mellanox and Cumulus, the company had the goal of creating an open and flexible 100GbE network that also provided a high level of security for its government entity clients.

“The service we provide demands scalable, secure and reliable network functionality,” says Vault Systems CEO and founder Rupert Taylor-Price.

“Adopting technology from Mellanox and Cumulus has contributed to the high performance of our cloud and also given us the confidence and peace of mind that our network is the fastest and most resilient available in market today. We couldn’t be happier with the results we have seen so far and look forward to continuing to build a manageable, high performing network with these technology partners.”

The performance capabilities and ease-of-use of Mellanox was a big drawcard for Vault and one of the main reasons they were chosen to build out their network infrastructure. The solution includes Mellanox Spectrum switches, ConnectX network adapters, LinkX cables, and nearly 300 preconfigured ICON (Intra Government Communications Network) fibre cores ready to connect directly into the Mellanox 100G solutions for unmetered and low latency connectivity.

”Mellanox Ethernet solutions enables OpenStack cloud builders to achieve hyperscale capabilities without a hyperscale budget or resources,” says Mellanox Technologies vice president of marketing Kevin Deierling.

“Together with Cumulus we deliver an open, high performance, scalable solution that is fully integrated with popular OpenStack distributions. We are excited to collaborate with Vault to enable the fastest data speeds across their cloud platform, and deliver advanced cloud network virtualisation, efficiency and scalability.”

Meanwhile, Cumulus Networks’ operating system was chosen to run and operate the network at scale. According to Vault, Cumulus Linux has been key to unlocking the hyperscale cloud networking capabilities that the company required, in addition to its ease-of-use providing a seamless OS experience and enabling the Vault engineering team to immediately begin building out and managing the network.

“Today’s cloud providers require modern, web-scale networking infrastructure that is simple to operate and built on open standards to drive agility and high-performance,” says Cumulus Networks CEO Josh Leslie.

“Since Vault’s services are purpose-built for handling government data at the highest levels of security, this is a great example of how open standards can underpin infrastructure that is not only agile and efficient, but also stable and secure. We are proud of the work we have done with Mellanox to achieve such great results for the Vault team.”