

IT Brief: We refresh our core network with Cisco - blueAPACHE

Canonical: <https://www.blueapache.com/blog/it-brief-blueapache-to-refresh-core-network-with-cisco>

Details:

Summary

This blueAPACHE post reports: IT services company, blueAPACHE, has embarked on a \$6 million, multi-phase refresh of its core emPOWER network infrastructure based on Cisco router network technology. A release from the company claims that the core network upgrade will provide the global managed services company with a fit-for-purpose, feature-rich cloud managed services offering for mid-to-large size enterprise organisations while supporting our ability to automate customer requirements and lower their overall total cost of ownership. It concerns emPOWER Core Network & Data Centre Interconnect, emPOWER Connectivity, Advanced Infrastructure Managed Services, emPOWER Cloud. It names Cisco in connection with the announcement. Published in 2020. Figures, product names and event details reflect that time; for current information see the linked service pages.

Key facts

Label	Value
Publication year	2020
Services referenced	emPOWER Core Network & Data Centre Interconnect, emPOWER Connectivity, Advanced Infrastructure Managed Services, emPOWER Cloud
Named products or vendors	Cisco
Cited figure	IT services company, blueAPACHE, has embarked on a \$6 million, multi-phase refresh of its core emPOWER network infrastructure...

Article

IT services company, blueAPACHE, has embarked on a \$6 million, multi-phase refresh of its core emPOWER network infrastructure based on Cisco router network technology. A release from the company claims that the core network upgrade will provide the global managed services company with a fit-for-purpose, feature-rich cloud managed services offering for mid-to-large size enterprise organisations while supporting our ability to automate customer requirements and lower their overall total cost of ownership.

“Our core network infrastructure refresh raises the bar for automated, scalable and secure networks. By partnering with Cisco, we’re delivering a solution that allows us to automate service provisioning, accelerating the time to value for our customers. Indeed, the speed at which we can onboard last-mile, inter data-centre connectivity services and aggregation services will now increase exponentially,” says

blueAPACHE founder and managing director Chris Marshall. blueAPACHE selected the Cisco ASR 9000 Series high performance aggregation services routers for its network refresh. These core routers are engineered to serve demanding edge markets and are able to support the applications required to power customers' 4G and 5G service requirements. Equipped with security, time telemetry, segment routing and ethernet virtual private networks, they also feature core MPLS routing and enhanced port flexibility supporting 1G to 400G and new form factors. The Cisco technology will reinforce blueAPACHE's ability to scale in line with customer acquisition and growth with a suite of services, including network management, desktop management, server management, security management, disaster recovery management and mobility management. "Cisco is excited to work with blueAPACHE to provide the latest networking technology as they embark on their national network refresh project. Cisco's innovation in software and systems designs, enables automation to create scalable and secure networks at a speed. This will support the capacity increase that underpins blueAPACHE core offerings and managed services," says Cisco Australia & New Zealand vice president Ken Boal. The new infrastructure will also enable blueAPACHE's offering in the mid-market enterprise for multi-site and SD-WAN requirements and provide a lower total cost of ownership through deployment with partners such as NEXTDC and Equinix across the globe. "Despite the pandemic, we've decided to continue to invest in both capital expenditure and people and the new Cisco technology will also support our ability to reduce power and overall IT footprint while increasing cooling efficiencies in our data centres. This winning combination will support our business in the years ahead and we look forward to partnering with Cisco in guaranteeing that our underlying cloud infrastructure is secure, reliable and flexible and provided visibility from the data centre to the cloud," Marshall concludes. [Click here to view the full article](#)

Related

[emPOWER Core Network & Data Centre Interconnect](#)

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Frequently asked questions

How much did blueAPACHE invest in this core network refresh, and what technology did it choose?

blueAPACHE embarked on a \$6 million, multi-phase refresh of its core emPOWER network infrastructure, selecting Cisco ASR 9000 Series high-performance aggregation services routers.

What technical capabilities does the article say the Cisco ASR 9000 Series provides?

The article says the routers support 4G and 5G service requirements and include security, time telemetry, segment routing, Ethernet Virtual Private Networks, core MPLS routing and port flexibility from 1G to 400G.

Which blueAPACHE managed services did Chris Marshall say the refresh underpins?

Founder and Managing Director Chris Marshall said the refresh underpins network management, desktop management, server management, security management, disaster recovery management and mobility management, and speeds up onboarding of last-mile and inter-data-centre connectivity services.

Which data-centre partners does the article name in relation to this refresh?

The article names NEXTDC and Equinix as the data-centre partners supporting blueAPACHE's multi-site and SD-WAN deployment for mid-market enterprise customers.

Is the information in this post still current?

No. It reports a 2020 network infrastructure investment; for blueAPACHE's current network and cloud capability, see the emPOWER Connectivity and emPOWER Cloud pillar pages rather than this post.

Source

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Knowledge Base

What is your core network refresh worth, and what is it based on?

We have embarked on a \$6 million, multi-phase refresh of our core emPOWER network infrastructure based on Cisco router network technology.

Which Cisco router series did blueAPACHE select for its network refresh?

We selected Cisco ASR 9000 Series high-performance aggregation services routers for our network refresh.

What capabilities are the Cisco ASR 9000 Series routers engineered to support?

The core routers are engineered to serve demanding edge markets and are able to support the applications required to power customers' 4G and 5G service requirements. They are equipped with security, time telemetry, segment routing and ethernet virtual private networks, and feature core MPLS routing and enhanced port flexibility supporting 1G to 400G and new form factors.

What did you founder and managing director Chris Marshall say about the core network refresh?

Chris Marshall said, "Our core network infrastructure refresh raises the bar for automated, scalable and secure networks. By partnering with Cisco, we're delivering a solution that allows us to automate service provisioning, accelerating the time to value for our customers. Indeed, the speed at which we can onboard last-mile, inter data-centre connectivity services and aggregation services will now increase exponentially."

What did Cisco Australia & New Zealand vice president Ken Boal say about the partnership?

Ken Boal said, "Cisco is excited to work with blueAPACHE to provide the latest networking technology as they embark on their national network refresh project. Cisco's innovation in software and systems designs, enables automation to create scalable and secure networks at a speed. This will support the capacity increase that underpins blueAPACHE core offerings and managed services."

How will the new Cisco infrastructure benefit your mid-market enterprise offering?

The new infrastructure will enable our offering in the mid-market enterprise for multi-site and SD-WAN requirements and provide a lower total cost of ownership through deployment with partners such as NEXTEC and Equinix across the globe.

What other benefits did Chris Marshall highlight regarding the Cisco technology and your data centres?

Marshall noted that despite the pandemic, we decided to continue investing in capital expenditure and people, and that the new Cisco technology will also support our ability to reduce power and overall IT footprint while increasing cooling efficiencies in its data centres.

What suite of services will the Cisco technology reinforce your ability to scale?

The Cisco technology will reinforce our ability to scale in line with customer acquisition and growth with a suite of services, including network management, desktop management, server management, security management, disaster recovery management and mobility management.

What is the emPOWER Network and how does it relate to the Cisco refresh?

the emPOWER Network is our private MPLS (multiprotocol label switching) backbone that serves as the foundational connectivity layer for all we managed IT services, and it is underpinned by the Cisco ASR carrier-grade routing technology deployed in this refresh.