Broadband Futures Forum: The Rise of 5G

Tuesday, 25th May 2021

No charge to TelSoc members and non-members.

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This event is fully booked or has passed.

The NBN was originally conceived as a wholesale layer-2 network that would replace DSL and provide broadband access to the Internet from anywhere in Australia. That was over a decade ago, before the roll-out of 4G mobile networks. Since then technology has moved on, and 5G is now upon us.

Does 5G represent an opportunity for the NBN to offer new wholesale services in addition to its existing layer-2 offerings?

Can the NBN support the roll-out of 5G services in Australia?

This seminar examines two new wholesale services that NBN Co might offer its retail service providers: Cloud networks and 5G hot spots.

Please see below for the Zoom recording of this event.

Dr Bruce Davie, formerly CTO, Asia Pacific and Japan for VMware will provide an introduction to cloud networks and discuss how retail service providers might use them to deploy network services. He will use 5G, which is cloud native, as an example.

Andrew Hamilton, a telecommunications engineer and the 5G lead for the TelSoc Broadband Futures Group will look at ways in which NBN Co might offer a wholesale cloud network and 5G hot-spot services and how they might contribute to the development of the digital economy.

Registration is via Eventbrite, with the "Book A Seat" button taking you to the Eventbrite page.

Date and Time

Tue, 25 May 2021

12:00 - 13:30 AEST

Location

Online Event Only
Melbourne
Melbourne VIC 3000
Australia

Presenter(s)

Dr Bruce Davie

Bruce Davie is a computer scientist noted for his contributions to the field of networking. He recently co-founded Systems Approach, LLC to produce open-source books and educational materials. He is a former VP and CTO for the Asia Pacific region at VMware, which he joined from start-up Nicira. Prior to that, he was a fellow at Cisco Systems, leading a team of architects responsible for multiprotocol label switching (MPLS).

Bruce has over 30 years of networking-industry experience and has co-authored 17 RFCs. He was recognized as an ACM Fellow in 2009 and chaired ACM SIGCOMM from 2009 to 2013. He was also a visiting lecturer at the Massachusetts Institute of Technology for five years.

He is the author of multiple books and the holder of more than 40 US patents.

Andrew Hamilton

Andrew Hamilton is an engineer with more than 35 years experience across all aspects of telecommunications, including external plant, optical-fibre and wireless systems. He is currently working on using MPLS to provide customized cloud-based Ethernet (layer-2) and IP (layer-3) services over the NBN.

He has long been interested in the application of new wireless technologies, having written an article (with Bill Kitchen) on CDMA that was awarded a prize for being the best published in the Telecommunications Journal of Australia.

He was the primary author of the annex on 5G in the Broadband Futures Group's report Towards a National Broadband Strategy for Australia. Andrew holds the degrees of BE (Elec.) and MBA from the University of Melbourne.

Presentation Media

Event Media:

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