JNCAA Newsletter

Sept 2022

Juniper Academic Alliance Educating Architects of the Networking Economy!

Welcome to the September edition of our Newsletter. One of the JNCAA's primary assets is the institutions' and the educators' engagement in program development. Our member institutions offer Juniper courses implemented into study program as well as vocational training. We are pleased to announce that, via our collaboration with our member institution, we are able to strengthen JNCAA's vision of offering talented, industry-ready students in the advancing fields of networking.

Check out Juniper Training & Certification portal to keep up to date.

We have some exciting new developments to share with you around this topic. In this newsletter we will also be shining a light on EMEA highlights.

University of Suffolk's Summer Challenge, a Fun Way to Learn Networking

University of Suffolk students enrolled in the British Telecom apprenticeship program, participated in the first annual **Digitech Summer Challenge**. During this event students designed, built, and tested a branch office network physical routers, switches firewalls, and wireless access points donated by Juniper Networks. According

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to the organizer and UoS lecturer Mark Power, the objectives of the summer challenge was to engage the students' enthusiasm, by giving them an opportunity to use the Juniper equipment to do something they would not be able to do during their regular classes. The summer challenge also solved a practical problem, Power said, "we have brilliant equipment, but there is not enough space for all our students on the Networking Path to work at the same time. My idea was for the students to work in teams and apply the principles learned in their Networking Overview class".

Chezney Standring, student, and BT apprentice explained, "we have been through several networking courses during which we worked on virtual machines,

but this was our first opportunity to work with a physical Juniper Kit".

The complexity of the assignment became apparent as soon as work began. Teammate, Rahul Pindoria said, "putting the theory into practice was more challenging than we thought it would be". Working in groups with little supervision from teaching staff allowed the apprentices to gain autonomy and, according to UoS student Alfie Batten, "when we ran into unexpected problems, we were able to find solutions on Juniper's website in public documentation". Jordan Brown, agreed, "without the Juniper Knowledge Base articles and forums we would have struggled much more".
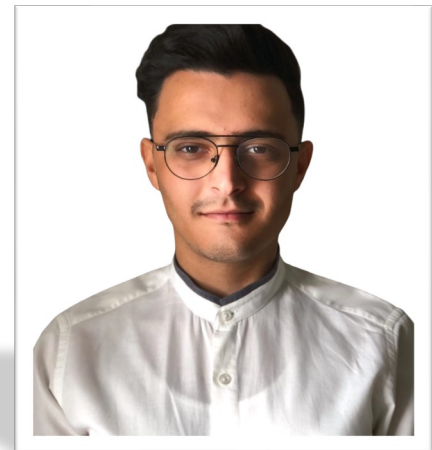
The University of Suffolk and Juniper Networks entered a partnership in October 2021, which has resulted in the DigiTech Centre at BT's Adastral Park campus being furnished with state-of-the-art networking equipment.

JNCAA Insights: New Digital Learning Experiences

JNCAA Orientation Event. The ICT Academy & JNCAA have teamed up to empower higher education institutions to prepare students for industry recognized certifications and careers in the advancing field of networking. The collaboration between the two, education and technology leaders is an exciting development in tech education. A

recent event onIndustry-Academia partnerships was organised by the ICT Academy specifically for the academic heads of 10 institutions in India. The event focused on raising awareness about Juniper's training and certification program, which aims to bridge the gap between the supply of skilled engineers and the demand for fast-paced networking-domain employment needs in the most sophisticated sectors and technologies such as AI, Cloud, 5G, Security, and Networking.

The two organizations have planned a series of activities including global certification programs. This collaboration is a great example of cross-sector engagement and testament to the importance of current innovation and technology and the way it impacts society through the education of the next generation.

Speak to your Program Manager for more details and to schedule JNCAA orientation session.

Learner in Spotlight

Mehdi Mosbah a second-year engineering student at National School of Engineers of Sousse (ENISo) in Tunisia shares his insight for Juniper certification seekers:

"While preparing for the JNCIA-Cloud certification I completed the Juniper Cloud Fundamentals course, which presented the basics of Juniper's products and Junos OS in a way that connected the dots and helped me apply the theory. This type of hands-on training is essential for building a strong foundation in computer networking".

ENISo trains engineers in innovative cutting-edge skills, which enable students to constantly adapt to the evolution of technology. With this goal in mind, ENISo joined JNCAA in 2018 and encourages their student to obtain Juniper certification.

We Want to Hear from You!

We value your feedback!

Want to share an idea about what you would like to see us do differently? Our team would LOVE to hear about how we can better serve your needs in Q4 2022.

Feel free to send a message directly to jncaa@juniper.net.

Follow us on Social Media!

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