

# Certified MikroTik Training – February 2020



## Information pack

Take Control... **duxtel**

*A word from DuxTel Managing Director, Mike Everest:*

Thank you for choosing a DuxTel training event for your MikroTik certification! DuxTel has been working with MikroTik products and systems since before 2003, and is the largest distributor of MikroTik and routerBoard products in the ANZ and Pacific region. We offer a range of MikroTik and related hardware, software and consulting services, focussed on acting as technology enabler to assist our resellers and technology partners to provide high performance data network solutions at an affordable cost.

We are committed to promoting the growth of MikroTik product in our region, and we believe that developing solid community of skilled technical personnel is a critical part of that goal.

Therefore, we are also committed to you - the MikroTik user! We already offer technical support and advice throughout our region – even if you did not buy it from us – and I would like to extend our offer of personal support and advice to you, personally, whenever you might need it.

As a certified MikroTik engineer, if you ever get stuck with a RouterOS or data network problem, you are welcome to call our support line and talk to one of our team about your issue. Even if we can't immediately help you solve your problems, we can work with you to liaise with the MikroTik technical team, or find another certified consultant to help you complete your project.

I also encourage you to consider joining the growing MikroTik-AU community via one of the e-mailing lists. As a certified MikroTik professional, you are also eligible to join the members-only list! For more information, go to:

<http://talk.mikrotik.com.au>

I hope that you find the training content interesting, valuable and relevant to your daily activities and I wish you well with your learning! I look forward to meeting you at the training event,

Mike Everest.



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## About the Training:

As many of you will be aware, MikroTik (MikroTiks SIA) is a company based in Riga Latvia, sharing borders with Russia, Lithuania, Belarus and Estonia. Starting in the mid 1990s, MikroTik released routerOS as a PC based routing platform, and in 2002 began manufacture of their own hardware platform: routerBoard. From small beginnings, MikroTik now employs more than 150 full time personnel and ships product around the world.

MikroTik Certified Training program curriculum is developed and managed by MikroTik and delivered around the world via a network of independent training partners certified and authorised by MikroTik. In Australia, DuxTel presents certified training in partnership with authorised trainers from various countries including Indonesia, South Africa and Australia.

DuxTel is also proud to support Australian and Oceania region education institutions to develop and deliver MikroTik Academy programs, where students of those secondary and tertiary institutes can gain MikroTik Certification as part of their ordinary graduate studies. The first MikroTik Academy program in Australia was launched during 2014 by the Gordon Institute in Geelong Victoria, and several others are working toward accreditation later this year!



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## About the Trainers:

Our 2020 Brisbane MTCNA training program will be delivered by Mike Everest, the founder and Managing Director of Australia's leading MikroTik wholesale distributor DuxTel while one of our Data Network Consulting Engineers and MikroTik Certified Trainer, Arash Naderpour, will present the advanced MTCRE training course:

### **Mike Everest**

(MTCRE, MTCTCE, MTCUME, MTCWE, MTCINE)

With a background in education, Mike brings more than 30 years of IT experience to the DuxTel team. Since starting one of the first commercial ISPs in Geelong during the 1990's, Mike has specialised in the field of Internet services and infrastructure. After working on a wide range of data network and infrastructure projects including a state-wide school education internet service and a national rural and regional broadband program, Mike founded DuxTel in 2007.



### **Arash Naderpour** (MTCRE, MTCTCE, MTCWE, MTCINE, MTCSE, MTIPv6E):

Arash comes highly qualified and with significant experience in data network infrastructure and expert in MikroTik systems. Arash holds a Bachelor of Science in Computer Hardware Engineering, plus 5 MikroTik certifications as well as MikroTik Certified Trainer.

Arash has more than 11 years background experience as a freelance network administrator with specialist skills including wireless communications, VoIP, QoS and complex firewall and routing systems.



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## About the Courses:

In February 2020, we are pleased to offer two certifications – the foundation MTCNA class followed by one of two advanced MTCRE course.

### **MTCNA (MikroTik Certified Network Associate):**

Dates: Monday 17<sup>th</sup> to Wednesday 19<sup>th</sup> February 2020, inclusive

Location: The George Williams Hotel - Brisbane

Class Times: 9:00am to 5:30pm (times may vary day-to-day depending on class progress)

Morning tea with light snacks and refreshment is provided on each day  
Light lunch is provided each day

Course Content:

This hands-on training program covers all aspects of RouterOS functions and features. In this course, you will learn about the full capabilities of the MikroTik platform and how those functions and features are applicable to real-world scenarios.

Classes consist of trainer-led discussion and demonstrations, with significant time set aside for hands-on practical exercises designed to provide the basic skills required for day to day data network operations, with extension activities and challenges for the more experienced participants.

### **MTCRE\* (MikroTik Certified Routing Engineer):**

Dates: Thursday 20<sup>th</sup> to Saturday 22<sup>nd</sup> February 2020, inclusive

Location: The George Williams Hotel - Brisbane

Class Times: 9:00am to 5:00pm (times may vary day-to-day depending on class progress)

Morning tea with light snacks and refreshment is provided on each day  
Light lunch is provided each day

Course Content:

Presented over 3 full days of training, this course includes hands-on lab exercises with detailed instruction on static and policy routing, Point to Point (/31) addressing, VPNs (including IPsec, EoIP, PPTP, SSTP, OVPN, and others) VLAN (including QinQ) Switch chip configurations, OSPF and MME (mesh).

*\* only one of MTCRE or MTCWE will run, depending on enrolment count*



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## **MTCWE\* (MikroTik Certified Wireless Engineer):**

Dates: Thursday July 25 to Saturday July 27 inclusive

Class Times: 9:00am to 5:30pm (times may vary day-to-day depending on class progress)

Morning tea with light snacks and refreshment is provided on each day  
Light lunch is provided each day

Course Content:

Presented over 3 full days of training, this course includes hands-on lab exercises with detailed instruction on all open standard and proprietary wireless protocols including setup, tuning and management of point to point, point to multipoint and mesh networks.

Includes certification exam and online certificate.

*\* only one of MTCRE or MTCWE will run, depending on enrolment count*

## **MTREF (MikroTik Certificate Refresher):**

Dates: Wednesday 19th February 2020

Class Time: 9:00am to 5:30pm (times may vary day-to-day depending on class progress)

Morning tea with light snacks and refreshment is provided on each day  
Light lunch is provided each day

Course Content:

This course is designed for candidates who hold a current or expired MikroTik Certification, and wishing to refresh that certification for a further 3 year period.

Using the latest and current and official class notes as your guide, you will work through the theory and lab exercises by yourself or with peers, and with guidance from our expert MikroTik Certified Trainer. A range of MikroTik router and switch hardware will be made available for your use during your self-guided review.

Includes MTCNA certification exam plus (up to) ONE advanced certificate selected from MTCRE, MTCWE, MTCINE with online certificate if successful.

## **What to Bring:**

All Participants **MUST BRING:**

- Laptop computer **with Wi-Fi capability** and ethernet port. Windows PC is recommended, but MacOS with WINE to run winbox is also satisfactory.



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- Laptop computer power supply – with adapter to suit Australian Power socket (type I – refer to images) if required.
- At least two ethernet patch cables (up to 3m)



Internet Access will be supplied via Wi-Fi for use during training sessions and for completing the online certification exam at the end of the final day of training.

A training materials pack will also be supplied at the beginning of the first day, including printed training notes, writing pad and writing materials.

All courses (except for MTCREF) include a MikroTik Router for use during classes, for you to take away with you on completion! (successful or otherwise ;) Sample router hardware will be made available during MTCREF, shared among participants and returned on completion.



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## About the Venue:

In November, we have arranged the MTCNA and MTCRE training classes to be held at the Hotel George Williams in Brisbane, Queensland, Australia.

The HGW is centrally located in the Brisbane CBD, with easy walking access to all the Brisbane city attractions including Queen Street Mall shopping sector, as well as the Southbank arts and entertainment district, museums and galleries. The George Williams has a modern minimalist fit-out and features 103 guest rooms, free Wi-Fi and the 51<sup>st</sup> Street American-style restaurant and bar.



Contact the Hotel George Williams Brisbane:

TEL: +61(07) 3308 0700  
TOLL FREE: 1800 064 858  
EMAIL: [reservations@georgewilliamshotel.com.au](mailto:reservations@georgewilliamshotel.com.au)



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## Travelling to the Venue:

The George Williams has ready access by bus, train, bicycle and ferry service. Public transport is recommended, but limited parking is available. Metered street parking is available for up to 2 hours, but usually has limited availability during weekday business hours.

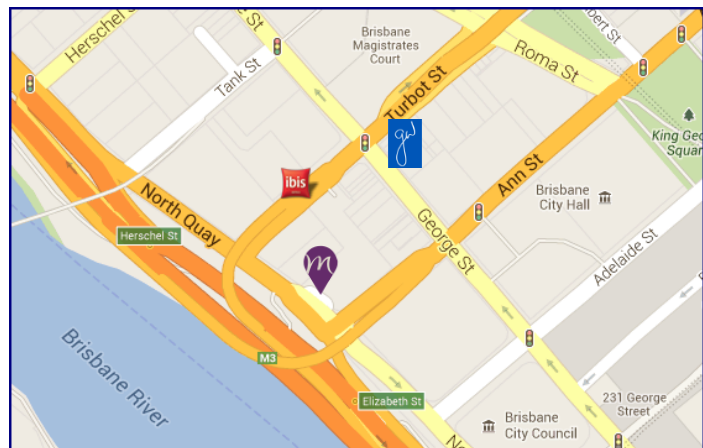
There is a dedicated bicycle path beneath the motorway on the river bank a block from the hotel.

### Hotel address:

#### George Williams Hotel

317-325 GEORGE STREET  
BRISBANE 4000  
QUEENSLAND  
AUSTRALIA

TEL: 07 3308 0700  
FAX: 07 3309 0733  
TOLL FREE: 1800 064 858



Training venue location in blue

### From the Airport

The closest international and domestic airport is Brisbane (BNE), about 20 minutes from the Brisbane CBD.

Train and Taxi services are available from Brisbane Airport. The typical taxi fare from Brisbane Airport to the George Williams is about **AUD50**

Airtrain service is readily available from all airport terminals. Full adult fare to Brisbane Central Station is **AUD18** one way (AUD34 return fare) purchased online at [www.airtrain.com.au](http://www.airtrain.com.au). From Central Station, the hotel is a 5 minute walk.

If you are hiring a vehicle from the airport, follow the East-West Arterial Road and then take the exit (left) onto Inner City Bypass (M3). Continue straight onto Boomerang Street then turn left onto Coronation, follow for about 1km onto North Quay then turn left on Turbot Street keeping to the right hand lane. After you cross the intersection of George and Turbot street drive down the slip road to the right of the bridge and take the first left into the hotel's alleyway. Continue to the end of the alley way and the entrance to the parking is on the right.

### Parking

The venue has a small amount of parking with a height limit of 1.9m and relatively tight turn into the car park. Cost is 28.00 per day. The venue can arrange for delegates to garage their cars about half a block away for \$30 per day but this needs to be organised and paid for in advance.



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There is also a public car park on Tank Street, with standard public parking rates applicable:

- Early Bird Rate (enter before 0930, exit after 1500) **AUD30**
- Standard Public Rate (3 hours or more) **AUD80**

## Accommodation:

### George Williams Hotel, 317-325 George St, Brisbane

For attendees from international, interstate or out of town localities, we are pleased to recommend the very affordable accommodation at the training centre itself at a general rate of approximately **AUD120** per night. Rooms are compact with a modern minimalist décor.

Contact Mark Showell, Conference and Events Manager on (07) 3308 0708 or [hgw.sales@georgewilliamshotel.com.au](mailto:hgw.sales@georgewilliamshotel.com.au) to see if he can do a better rate than your favourite online accommodation booking service For direct booking:

TEL: +61(07) 3308 0700  
FAX : +61(07) 32363891  
EMAIL: [reservations@georgewilliamshotel.com.au](mailto:reservations@georgewilliamshotel.com.au)

### Explorers Inn, 63 Turbot Street, Brisbane

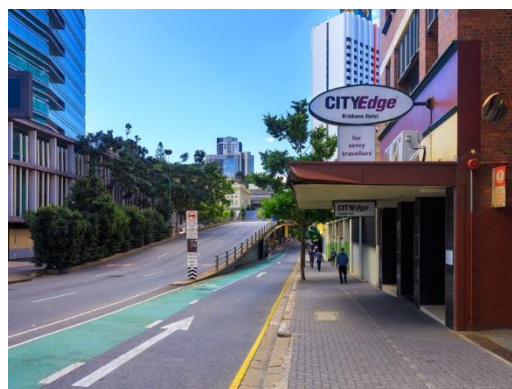
If you prefer budget accommodation, we recommend the City Edge Explorers Hotel on Turbot Street just around the corner from the training venue:

from **AUD90** (single)

63 Turbot Street  
Brisbane QLD 4000

Contact the booking desk via:

TEL: 1300 CITYEDGE  
INTL TEL: +613 9005 0800  
EMAIL: [info@cityedge.com.au](mailto:info@cityedge.com.au)



### Ibis Hotel, 27-35 Turbot Street, Brisbane

Located across the road from the training venue The Ibis offers a slightly more upmarket options with a general rate of approximately **AUD139 to AUD169** per night. Buffet breakfast is available for **AUD24**.

Check your favourite online accommodation booking service for best rates! For direct booking:

TEL: +61(07) 32372333  
FAX : +61(07) 32363891



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EMAIL: [H1750-FO2@ACCOR.COM](mailto:H1750-FO2@ACCOR.COM)

**Mercure Hotel, 85-87 North Quay, Brisbane**

Further upmarket again The Mercure adjoins the Ibis. Rates are in the range of **AUD180 to AUD219** per night and a full buffet breakfast is available for **AUD28.50**.

Check your favourite online accommodation booking service for best rates! For direct booking:

TEL +61(07) 32372300  
FAX : +61(07) 32361035  
EMAIL: [H1750-FO2@ACCOR.COM](mailto:H1750-FO2@ACCOR.COM)



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## We've got your Bak!

All routers supplied by DuxTel are now protected by our exclusive free DuxBak configuration change management and backup solution. Rest easy with confidence that your router configurations are backed up and all changes are logged!

Go to <https://dxbak.duxtel.com> to manage your router's backup security!

***dxbak – only from duxtel***



Follow our tweets for news and updates: <http://twitter.com/duxtel>



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## **USEFUL CONTACT DETAILS**

### **DuxTel Pty Ltd:**

Office: 1300 DUXTEL  
Intl: +61 (0)3 5273 4905  
Email: [training@duxtel.com.au](mailto:training@duxtel.com.au)

### **Training Venue:**

**Hotel George Williams**  
**317 George St, Brisbane**

desk: +61 (0)7 3308 0700  
email: [reservations@georgewilliamshotel.com.au](mailto:reservations@georgewilliamshotel.com.au)



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