

A night-time photograph of the Singapore skyline. On the left is the white Merlion statue. In the center is the Singapore Flyer. To the right is the Marina Bay Sands hotel. The city lights are reflected in the water.

# APRICOT 2013 Singapore

19 February - 1 March 2013

A decorative graphic consisting of a blue square, a red square, and a black crosshair.

## ISP and NSP Security Workshop

### APRICOT 2013 Day 3



# Agenda

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- Day 1/2:
  - Securing the Infrastructure
- Day 3:
  - Gain visibility
- Day 4:
  - MPLS / L3VPN Security
- Day 5:
  - Managed security services
  - L2 security
- Conclusions



# Housekeeping

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- WiFi password: apricot2013
- Class hours
  - 9am to 5pm, Tuesday through Saturday
- Break times in the mezzanine area
  - Morning tea: 10:30-11:00
  - Lunch: 13:00-14:00
  - Afternoon tea: 15:30-16:00
- Health and Safety



# Housekeeping

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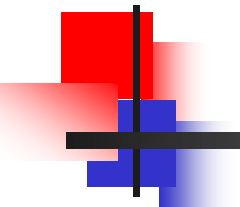
- There will be a daily quiz
- Regular pop quizzes!
- Test at the end of the workshop
- Keep listening and thinking!
- No matter how small something may seem
  - ***It will come up!***



# Tuesday agenda

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- **09:00** **Open**
- 09:00-9:05 Introduction/Recap
- 09:05-10:30 Edge security and S/RTBH
- *10:30-11:00 Break*
- 11:00-12:30 ACLs and router security
- *13:00-14:00 Lunch*
- 14:00-15:30 Gaining visibility
- *15:30-16:00 Break*
- 16:00-17:00 MPLS
- **17:00** **Close**



# RECAP



# Quiz

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1. What is RTBH?
  - Bonus points: what is the difference between S/RTBH and (D/)RTBH?
2. What is an ACL?
  - Bonus points: what other names are there for an ACL?
3. What is a sink hole? (No, we can't put Daniel in it)
4. Where should you apply BCP38?
5. What sort of prefixes would you filter to accept in a prefix-list?
6. What sort of prefixes would you filter to reject in a prefix-list?
7. Where should you apply a max prefix limit?
8. What's anycast?
9. Where does routing protocol authentication add value?
10. What was the best prize handed out yesterday?
11. What is URPF?