

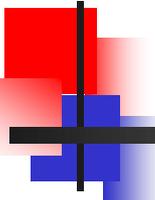
**APRICOT 2013**  
Singapore

19 February - 1 March 2013



## ISP and NSP Security Workshop

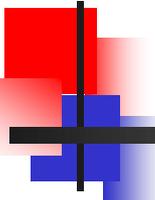
**APRICOT 2013**  
Day 3



# Agenda

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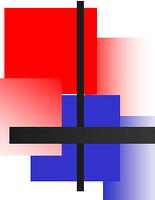
- Day 1/2:
  - Securing the Infrastructure
- Day 3:
  - Gain visibility
- Day 4:
  - MPLS / L3VPN Security
- Day 5:
  - Managed security services
  - L2 security
- Conclusions



# Housekeeping

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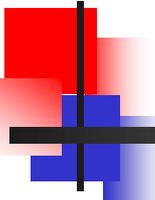
- WiFi password: apricot2013
- Class hours
  - 9am to 5pm, Tuesday through Saturday
- Break times in the mezzanine area
  - Morning tea: 10:30-11:00
  - Lunch: 13:00-14:00
  - Afternoon tea: 15:30-16:00
- Health and Safety



# Housekeeping

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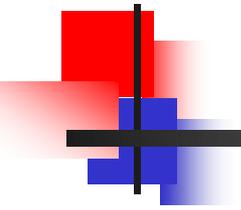
- There will be a daily quiz
- Regular pop quizzes!
- Test at the end of the workshop
- Keep listening and thinking!
- No matter how small something may seem
  - ***It will come up!***



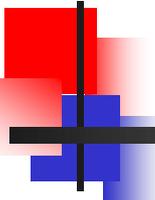
# Tuesday agenda

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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?