Hosting an IPv6 Workshop

Cisco Brussels, BE

Oct 17th - Oct 19th, 2006

High level view

- What are the aims and objectives of the workshop (for the attendees)

- Who is it designed for?
  - Management?
  - Systems and network administrators?

- What are the prerequisites for attendees?

- What will be the workshop duration?

- How many people will be able to attend?

Scoping the event

- Many 6DISS workshops are 'reactive' – we create an agenda based on a request for training
  - Choice of modules to use can be flexible
- You may plan 'proactive' events where you set the agenda and content, or you may also be reactive
  - Setting your own agenda makes running repeat training events much easier
- Do some market research
  - Find out what your community in

Considerations

- Workshop content - material
  - Theory
  - Hands-on exercises
  - Know and cater for your audience
- Logistics
  - Local workshop PC systems
  - Remote lab usage
  - Hands-on network topology - create clear diagrams
  - Scheduling, accommodation & travel
  - Funding

Event planning

- You will also need to consider
  - Booking or reserving the venue
  - Advertising your event
  - Funding: NREN sponsored? Fees to attend?
  - Having someone to handle bookings and enquiries
  - Organising accommodation, meals, refreshments
  - Organising hands-on helpers for the event
  - Giving travel information

Choosing the material

- Theory
  - Which modules to pick? Note audience prerequisites
- Hands-on
  - Which technologies to demonstrate?
  - Use local resources, the remote lab, or both?
- Course flow
  - Interleave theory and hands-on
  - Vary the speakers if possible
- Always remember the aims and objectives
  - Include them explicitly in the slides

Preparing the agenda

- Set the agenda
  - Theory is the underpinning content
  - Need to prepare exercise sheets for hands-on
  - Will you give solutions on sheets or not?
  - Create a web site with all material on, even if given as printed handouts as well
- Test your material
  - Check theory slides for length/duration
  - Test run the hands-on exercises thoroughly

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Know your audience

- Check prerequisites (if necessary)
  - Do they need to know about BGP? IOS configuration?
- Ask registered attendees in advance
  - What skills they have
  - What they want to gain from the workshop
  - Any specific questions they may have
- Spread the experience in the hands-on groups
- Be prepared to modify content a little

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Designing the labs

- Use hands-on to reinforce theory
  - How to configure certain protocols, e.g. BGP
- Likely to want to interleave theory and labs
  - Each lab focuses on a topic, e.g. intra-domain routing
  - Will likely want 'router snapshots' for each session, to be the foundation for each session
  - Document the configuration in the lab exercise sheets
- What local systems are available?
  - Local PCs? Windows? Linux? Routers?

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External lab logistics

- Do you need to reserve the remote lab?
  - Gunter will explain the remote lab later
- Will you have or need external connectivity?
  - Is IPv6 available natively?
  - If not some form of tunnel may need to be arranged
- What address space will you use?
  - Local or from the ISP/NREN?
  - Using NREN address space and a tunnel can enable the same lab

can'entry

Example events

- Have a look at the agendas of 6DISS workshops that have been run to date, for example:
  - South & Central America:
    - http://www.6diss.org/workshops/sca/
  - South East Euope:
    - http://www.6diss.org/workshops/see/
- Also an event run for UKERNA:
  - IPv6 Hands-on Workshop:
    - http://www.ipv6.org.uk/workshop/

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