



world**skills**uk

ICT Networking Challenge
Cisco – Advanced

Competition Brief

Enter online by 28th February 2008



entry requirements

Who can enter?	Cisco Advanced: Any student who is studying or completed the Cisco Networking Associate Program - CCNA.
Individual and/or team event?	Individual
How many competitors can enter?	One competitor per training facility
Competition structure	<p>Step 1 Register for this competition at www.worldskillsuk.org by 28th February 08</p> <p>Step 2 To select your individual competitor for the 'Live' Final, why not consider running an in-house competition? To assist you in this, a selection competition is available for download from the ICT Networking Challenge - Cisco web page.</p> <p>Step 3 Competitors who have achieved the highest marks across all regionals will be invited to the UK final to be held at Barnsfield College on Thursday 13th June 2008 or Northumberland College 20th June 2008</p>

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ICT Networking Challenge – Cisco Advanced

contact details

For technical advice about the competition contact:

Jenefer Bell

Phone: 01670841200 ext 326

Email: jen.bell@northland.ac.uk

For registrations, cancellations, contact

WorldSkills UK Contact Centre:

Phone: 0800 612 0742

Email: worldskillsuk@ukskills.org.uk

competition description

This competition comprises of the installation, configuration, maintenance and troubleshooting of ICT Networks. The Cisco competition covers this large amount of knowledge and skills.

WorldSkills UK is offering this competition to test the knowledge and skills of individuals in ICT Networking (Cisco CCNA)

The ICT Networking (Cisco) competition Advanced will test the knowledge and skills learned in the Cisco CCNA (Cisco Certified Network Associate) qualification.

if you have more than one competitor local competitions can initially be held in your College/University/Training Agency or Academy. Sample selection competitions are available from WorldSkills UK website. Your top competitor can then be put forward to the next round which will culminate into a Live National Final.

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The scope of each competition are as follows:

ICT Networking Challenge (Cisco)

Cable Making (Straight Thru, Cross Over, Roll Over) + diagram

IP Subnetting Exercise

Router Configuration

Security

Troubleshooting

Multiple Choice Paper

Router Configuration to Include

Router Protocols – EIGRP, OSPF, RIPv2

PPP (Authentication)

NAT & PAT

DHCP

Marking and assessment

All marks are objective and will be awarded by the judges as follows

ICT Networking Challenge (Cisco)

Cable Making (Straight Thru, Cross Over, Roll Over) – diagram	10%
VLSM IP Subnetting Exercise	20%
Router Configuration & Routing Configuration	30%
Security	30%
Troubleshooting	10%

The tests will be assessed and marked in accordance with the general and specific competition rules.

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judging

A panel of judges have been drawn from industry, colleges and training providers. The judges' decisions will be independently moderated and quality assured before being confirmed.

rules

Scrutinisers will be on the floor at all times to ensure no infringement of the rules takes place.

The competition: ICT Networking (Cisco) Advanced

- will be wholly or mainly practical
- will be for individuals

The competition will comprise a selection of tasks drawn from the above aspects of ICT Network Support.

The competition will be provided in the format advised. This will include

- The description of the competition
- The marking criteria
- The material and equipment list

The coverage of the competition should reflect the relative significance of particular ICT Network Support tasks within the work role.

The competition must be conducted in accordance with the general and specific competition rules.

Conduct for competitors during live competitions

- Competitors who arrive late for the finals will not receive additional time.
- Competitors will start and finish work as instructed by the judges.
- Any competitor who wishes to leave the area during the competition must seek the permission of the judges.

Enter online by 28th February 2008

- If there is a power stoppage, breakdown of machinery or accident, the competitors must act according to the instructions of the judges.
- To be illegible to enter the WorldSkills Competition 2011 in London, competitors should enter the Advanced level competition in the next cycle ('08-'09) and must be born on or after 1 January 1989.

what happens next?

live competitions only

Step 1	<ul style="list-style-type: none"> • Register interest • Receive username and password via email Receive welcome pack via email containing: <ul style="list-style-type: none"> • How to host an in-house competition • Competition dates and venues • Competition rules
Step 2	<ul style="list-style-type: none"> • Select competitions to enter
Step 3	<ul style="list-style-type: none"> • Enter competitions & confirm competitors – enter by 28th February 2008 • Receive receipt after entering competitions
Step 4	<ul style="list-style-type: none"> • Complete your local heat by 4th April 2008
Step 5	<ul style="list-style-type: none"> • Send results to Jen Bell by 21st April 2008
Step 6	<ul style="list-style-type: none"> • Competitors are allocated to a Live National Final
Step 7	<ul style="list-style-type: none"> • All competitors will receive either certificates' of participation or winning certificates
<p>If competitors are unable to attend competitions they must cancel their entry by 11th April 2008 to prevent cancellation charges (see competition rules for further details)</p>	

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Marking Schedule

Competitor Name	
Competitor Number	
Competition	ICT Networking Challenge (Cisco)

Aspect ID	Aspect of Criterion - Description	Max Mark	Mark Awarded
A	Cable Making (Straight Thru, Cross Over, Roll Over) – diagram	5	
B	VLSM IP Subnetting Exercise	10	
C	Router Configuration & Routing Configuration	15	
D	Security	15	
E	Troubleshooting	5	
		50	

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