Competition Overview/Brief

WorldSkills UK Higher Network Systems Administrator

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| About the Competition |
| The competition will challenge competitors to test their ICT skills in configuring and administering a Windows 7, 10 and Windows Server 2008/2012 based network. The competition will test the knowledge and skills learned in the Microsoft Official Curriculum range of qualifications. |

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| The Detail |
| Competitors will undertake a series of practical tasks which will demonstrate their abilities and skills in Microsoft networking.The practical tasks will be carried out using virtual machines.All machines will be hosted in a virtual environment using Oracle Virtual Box.The full competition brief will be provided to each competitor on the morning of the competition heat. You can download the Past Test Pieces from a previous year’s UK Final here: [2015](https://www.dropbox.com/sh/5cohivczsw6bw3x/AAAVXaM74RcTpxZ2AKpvbYF7a?dl=0) [2014](https://www.dropbox.com/sh/i41bzoilhklrwgi/AACtQBuMOhR_U1EZu3IzgLX-a?dl=0) or [2016 Heat](https://www.dropbox.com/sh/dqc3msnu5kv8tmn/AADSZLRYetqP8XsOXeDcmDOSa?dl=0)The Microsoft Network Administrator competition will test the knowledge and skills gained through the Microsoft Official Academic Curriculum range of courses. The scope of the competition is as follows:* Installation of Windows operating systems
* Configuration of software RAID
* Setting up a client/server network
* The installation of Active Directory including multiple domain controllers
* The creation of users and groups
* Troubleshooting
* Server Services (DHCP, DNS, etc)
* Print Services
* Web Services
* Remote Access
* File and Folder security
* Local and Group Policy
* Configuring and managing security (VPN, IPSec, encryption)
* Installing other Microsoft products that are essential to running a good network
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| Entry Requirements  |
| This competition is intended for those competitors with 2 years experience of this skill in education, training, employment, or who are enrolled in a programme of study or have completed the equivalent to a level 4 qualification QCF. [SCQF equivalent level 7]Up to 3 competitors per college/organisation may enter this competition. Colleges/organisations with more than one campus may enter up to 6 competitors – with a maximum of 3 competitors per campus.eg – A multi campus college/organisation with 3 sites could enter 1 competitor from site A, 2 competitors from site B and 3 competitors from site C = 6 competitors maximum. |

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

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| A | Network setup | **5%** |
| B  | User administration | **25%** |
| C | Management of storage and shared resources | **15%** |
| D | Configuring security | **45%** |
| E | Configuring services and applications | **10%** |
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| **Total** |  | **100%** |

Each competition test will be assessed and marked independently of the other test. The tests will be assessed and marked in accordance with the general and specific competition rules.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.NB: The top candidates achieving the highest marks in the heats will be invited to the UK final. There is no automatic entrance to the UK final for heat winners. WorldSkills UK will inform finalists following moderation of marks from the regional competitions.If a competitor has a complaint on the day it is advised that this be discussed with the host, head judge or WorldSkills UK representative. If this is not possible the grievance procedure must be used, the procedure is found in the competitions rules, which is downloadable from [worldskillsuk](https://www.worldskillsuk.org/worldskills-uk-competitions/for-competitors/competition-rules) |

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| Contact Details |
| For technical advice about the competition contact: Toby Bell**Phone:** 01670841200 ext 329**Email:** toby.bell@northland.ac.uk  |

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| Competition Rules |
| * Mobile phones to be switched off during competition activity
* Listening to music via headphones is not permitted during competition activity
* Any questions during competition activity should be addressed to the competition Judge
* Competitors should not communicate with other competitors during competition activity
* It is the responsibility of each competitor to arrive on time for each competition session. No additional time will be allowed if you arrive late.
* Technical failure of your equipment should be reported immediately to your judge. Additional time will be allocated if the fault is beyond the control of the competitor
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| Competition Partners |
| This competition is managed by Northumberland College |

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| Relevant Links |
| <https://www.worldskillsuk.org/worldskills-uk-competition-materials#_> |