WELCOME TO COGENT

IN COLLABORATION WITH COMPTIA
The Team

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COGEnT – *To Boldly Go* ... *(some uncharted territory)*

Key premises & puzzles:

- What is needed to be a University IT (HE IT) Professional?
  - *skills, knowledge, experience, self-study, actions, behaviours?*

- How do we best address HE IT’s unique challenges, solutions?
  - *what about special requirements, e.g. collegiate/federated environments?*

- When are we connecting with HE IT associations & professional bodies?
  - *UCISA* (UK), *EUNIS* (EU), *EDUCAUSE* (US-based)
  - *ACM, BCS, Computer Society, IEEE, IET, ...*

- Working together helps us spotlight time needed for HE IT CPD – *say at least 10%*?
Broad Skills Development

- In-person (courses/events)
- Online (e.g. LinkedIn Learning, etc.)
- Hybrid (e.g. online & in-person)

Deep Skills Development

- In-person (e.g. advanced, certification, etc.)
- Online (e.g. CompTIA, Pluralsight, professional bodies, etc.)
- Hybrid (self-study/on-the-job, online & in-person)

T-shaped professional model
Adapted from Harvard’s IT Academy
https://itacademy.harvard.edu/how-it-works
Your CompTIA Representative

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The Voice of the World’s IT Industry and over 2 million IT Professionals

ASSOCIATION
7000+ IT Channel Providers & Partners

A non-profit trade association with more than 7,000 members and business partners. Our members drive our programs through their participation in CompTIA communities, research studies, events, sharing of best practices and more.

PHILANTHROPY
Creating IT Futures

A 501(c)(3) charitable organization that creates on-ramps for successful IT careers, serving individuals who are underrepresented in IT and lacking in opportunities to be successful in IT, including veterans, youth, and the unemployed.

ADVOCACY
Public Policy & Reform

Our advocacy division encourages collaboration and advancing of legislation that allows the private sector to develop new products and services, find solutions and sell them in the global marketplace.

CERTIFICATIONS
Largest Provider of Vendor-Neutral IT Certifications

- Higher Salaries
- Growing Demand
- Verified Strengths
- Universal Skills

“Three of the ‘Top 10 Certifications That Help IT Workers Get Jobs’ are CompTIA certifications.”*

* Source: The Dice Report, February 2012

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Worldwide Leading Provider of Vendor-Neutral IT Certifications

Created by Industry for Industry

- Relevant
- Regularly updated
- Internationally Recognised

Job Role Led

- Span entry level roles – to help entrants to their first job – through to more advanced roles

Vendor Neutral / Inclusive

- Independent of any particular technology, product or platform
- Reflect the diverse technologies deployed in today’s organisation
Who creates our certifications?
Endorsed, Recommended or Mandated by...
5 skills gained with CompTIA Network+

1. Networking Concepts
2. Infrastructure
3. Network Operations
4. Network Security
5. Network Troubleshooting & Tools
## Certification Exam Domains

### N10-007

<table>
<thead>
<tr>
<th>Domain</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Network concepts</td>
<td>23%</td>
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<tr>
<td>Infrastructure</td>
<td>18%</td>
</tr>
<tr>
<td>Network operations</td>
<td>17%</td>
</tr>
<tr>
<td>Network security</td>
<td>20%</td>
</tr>
<tr>
<td>Network troubleshooting and tools</td>
<td>22%</td>
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### Prerequisites

- ✓ CompTIA A+ certification or equivalent knowledge
- ✓ A minimum of 9 months of work experience in network support/administration
# Exam Details

<table>
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<tr>
<th>Exam Requirement</th>
<th>1 certification exam (code: N10-007)</th>
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</table>
| **Time Allowed & No. of Questions** | A maximum of 90 questions  
90 minutes                          |
| **Question Types**             | Performance-based, multiple choice, multiple response, and drag and drop |
| **Passing Score**              | 720 (on a scale of 100-900)         |
| **Availability**               | Worldwide                            |
| **Languages***                 | English, German, Japanese            |

*For up-to-date information on translations, visit: [http://certification.comptia.org/certifications/network](http://certification.comptia.org/certifications/network)
CompTIA certified employees:

1. Are more knowledgeable
2. Reach job proficiency more quickly
3. Perform at a higher level

Source: IDC White Paper, sponsored by CompTIA, IT Support and Security Performance: The Impact of CompTIA Certification on Organizational Performance, IDC #252603, December 2014
CertMaster Learn

CertMaster Learn is a comprehensive learning tool for all types of learners, no matter if you're just getting started or you've already acquired relevant skills.
Resources To Support You Whilst You Learn

**How to Videos**
- Student Experience
- Boost Dashboard

These videos show a walk-through of what a student sees in the platform

**Enterprise Helpdesk**

The support desk for all you enquiries

**CertMaster Labs and CertMaster Practice**

If you would like to use labs of CertMaster Practice to prepare for you exam contact Marie – mcronin@comptia.org

**Product Catalog**

Learn more about other CompTIA certifications

**Network+ Exam Objectives**

On completion of this course you will have learned course material to prepare you for the Network+ exam
What Is Expected Of You

- Working on your own
  - and pace yourself, over the 3 months of the course

- Connecting with others
  - share with your colleagues, hopefully across the Universities

- Asking for help
  - when needed, for related materials, to consider optional certification

- Providing feedback
  - as you work, and when requested
Questions?