

## Revision Report

**Feedback comment:** Include Ransomware in NC-Security

**How incorporated:** Done

**Why not incorporated:**

**Date considered:** 30 May, 2023

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**Feedback comment:** Include Discrete Math in the list of math needed.

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Remove SMTP and POP3 from examples

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023

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**Feedback comment:** Add REST APIs to core.

**How incorporated:**

**Why not incorporated:** REST APIs are not necessarily part of a core of networking.

**Date considered:** 30 May, 2023

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**Feedback comment:** Remove QUIC from single hop communication.

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** QoS Routing not useful to be listed in routing and forwarding.

**How incorporated:** It is just listed as an example.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Different version of IP (V4 and 6) need to be listed under routing and forwarding

**How incorporated:** This is already listed under "Different versions of IP).

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** MAC only useful in wireless.

**How incorporated:**

**Why not incorporated:** MAC is also used in wired protocols.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Where is spanning trees and VLANS covered?

**How incorporated:** under switching.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Data Center networks being very specific.

**How incorporated:** We added campus networks also as an example.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Missing TLS beside SSL

**How incorporated:** added - done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Add DNSSeC, DoT / DoQ

**How incorporated:**

**Why not incorporated:** Could be covered under other topics already listed in security.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Add RPKI beside BGP Sec.

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Add something about MAC under mobility.

**How incorporated:**

**Why not incorporated:** Already covered in another KU in the KA.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Students doing internet measurements.

**How incorporated:**

**Why not incorporated:** Excellent ideas for a lab based on what currently exists.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Something about understand the impact of link failures - no need for gray failures.

**How incorporated:** removed mention of gray failures.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Basic queuing concepts being too advanced in fundamentals.

**How incorporated:** Covered with appropriate depth at this level in terms of hours and being a fundamental coverage.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Suggestion to use a particular PL for implementing reliability

**How incorporated:**

**Why not incorporated:** Good comment for a curricular guide.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Comment about the need for forwarding tables and how it is taught.

**How incorporated:**

**Why not incorporated:** This is a pedagogical issue - depends on how people cover it.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Specify frequency specific properties when discussing wireless.

**How incorporated:**

**Why not incorporated:** to low level for networking coverage in CS.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Explicitly mention ethernet and wifi.

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Be particular about data center network technologies.

**How incorporated:**

**Why not incorporated:** May be too specific here - leave it up to how it is taught.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Trim number of hours in security

**How incorporated:**

**Why not incorporated:** Hours will be discussed holistically at a later stage.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Topics in NC mobility too broad - probably need some fundamentals

**How incorporated:** already covered under other KU's such as fundamentals.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Discuss more congestion control under mobility.

**How incorporated:**

**Why not incorporated:** Covered elsewhere.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Discuss more about the fluidity of the OSI layer under mobility.

**How incorporated:**

**Why not incorporated:** Could be discussed when discussing the layers.

**Date considered:** 30 May, 2023.

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**Feedback comment:** Add more examples about D2D protocols.

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Add a bullet for satellite, mmWave, Visible light under emerging

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Add a mention of traffic engineering.



**How incorporated:** Already covered by other factors such as QoS.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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**Feedback comment:** Other minor editorials

**How incorporated:** Done.

**Why not incorporated:**

**Date considered:** 30 May, 2023.

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