

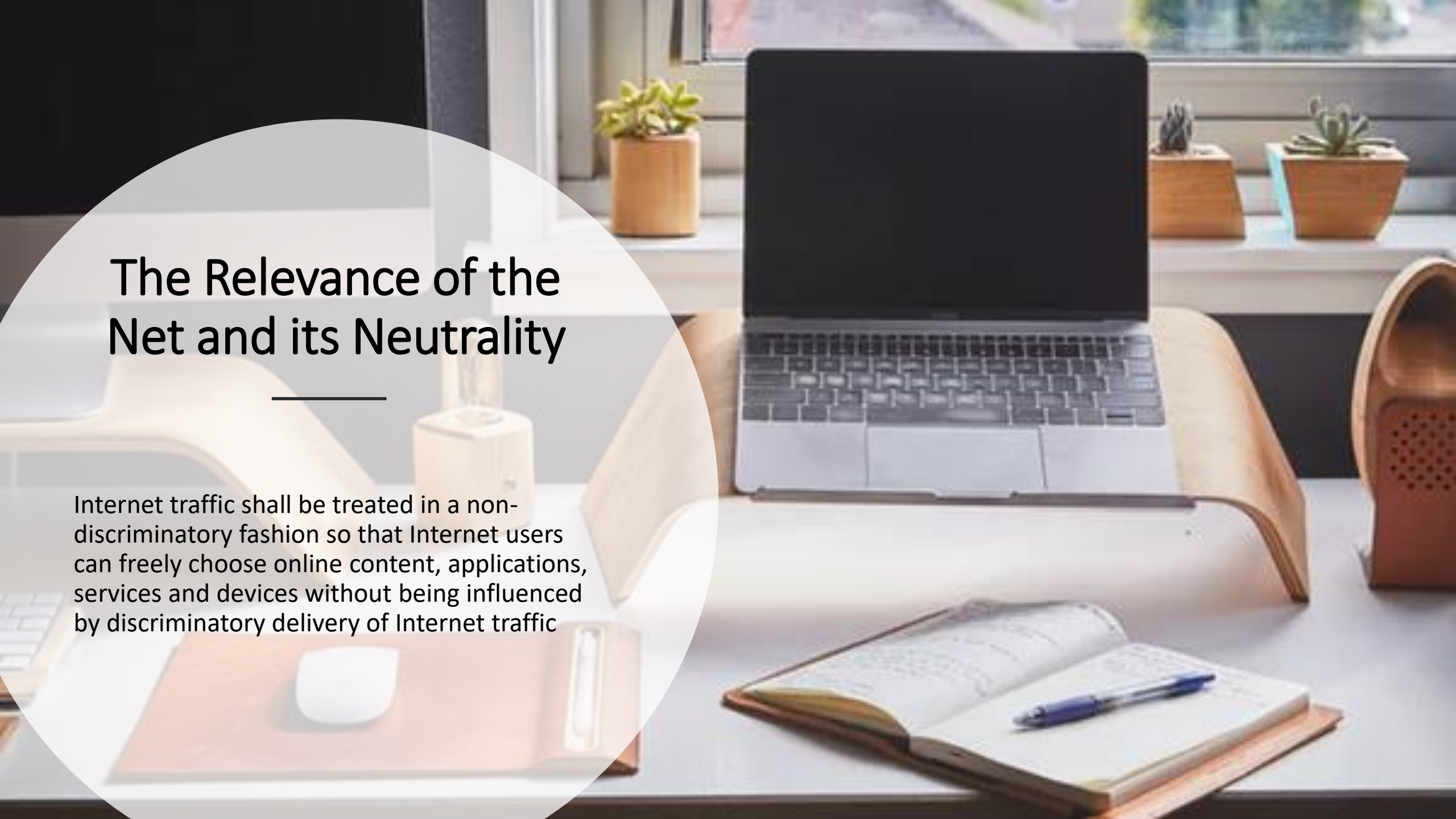
Cyber Ethics 4.0: Serving Humanity with Values



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Module 5

Net Neutrality

A modern desk setup featuring a silver laptop on a wooden stand, an open notebook with a blue pen, and several small potted plants on a windowsill in the background. The scene is brightly lit, suggesting a sunny day.

The Relevance of the Net and its Neutrality

Internet traffic shall be treated in a non-discriminatory fashion so that Internet users can freely choose online content, applications, services and devices without being influenced by discriminatory delivery of Internet traffic

Traffic Management

Multi-layered infrastructure of the network:

Layer 1: physical layer

Layer 2: service layer

Layer 3: logical layer

Layer 4: content layer

Traffic Management Challenges

Network security and integrity.

Mitigation of congestion.

Prohibition of access to specific content.

Differentiation of services to end-users including consumers.

and application providers.

5. Protection of Internet Access Provider's (IAP's) own business.

Traffic
Management
Ethical Issues

Network
security and
integrity

Traffic
Management
Ethical Issues

Network security
and integrity

Mitigation of
congestion

Traffic
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Traffic Management Ethical Issues

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Differentiation of services to end-users.

Protection of a vertically integrated IAP

2. Two Sets of Values Underlying “Neutrality”

values centered on the
individual and his/her
individual freedom


values centered on the
*internet as informational
ecosystem*

Values is centered on the individual

Two concepts of neutrality:

- logical-rational conception of neutrality
- moral worth of individuals





Values centered on the
*internet as informational
ecosystem*

The internet should be considered a key infrastructure of a broader ecosystem in which information are created and exchanged – infosphere.



Towards a Republican Net Neutrality

An individual is free if he/she can be protected against specific threats which undermine his/her capacity of choice.

The End