COMP3331 Week 8 Lecture 2

Network Layer

# Distance vector (lecture 2)

Bellman-Ford equation

Let

dx(y): = cost of least-cost path from x to y

then

dx(y) = dx(y)=minv{c(x,v)+dv(y)},

where:

* c is the cost to a neighbour v
* d is the cost from neighbour to destination y

Graphical user interface, text, application, email

Description automatically generated

# Inter-domain routing protocol

Ases participate in an inter-domain routing protocol that establishes routes between domains

## Path Vector Border Gateway Protocol (BGP)

## 