

Section:Packet switching0

Context: Starting in the late 1950s, American computer scientist Paul Baran developed the concept Distributed Adaptive Message Block Switching with the goal to provide a fault-tolerant, efficient routing method for telecommunication messages as part of a research program at the RAND Corporation, funded by the US Department of Defense. This concept contrasted and contradicted the theretofore established principles of pre-allocation of network bandwidth, largely fortified by the development of telecommunications in the Bell System. The new concept found little resonance among network implementers until the independent work of Donald Davies at the National Physical Laboratory (United Kingdom) (NPL) in the late 1960s. Davies is credited with coining the modern name packet switching and inspiring numerous packet switching networks in Europe in the decade following, including the incorporation of the concept in the early ARPANET in the United States. CANNOTANSWER

STUDENT: **What did Paul Baran develop**

TEACHER: ⇨ "" (Paul Baran developed the concept Distributed Adaptive Message Block Switching)

STUDENT: **What did Distributed Adaptive Message Block Switching do**

TEACHER: ⇨ "" (provide a fault-tolerant, efficient routing method for telecommunication messages)

STUDENT: **What did this concept contradict**

TEACHER: ⇨ "" (This concept contrasted and contradicted the theretofore established principles of pre-allocation of network bandwidth)

STUDENT: **What is Donald Davies credited with**

TEACHER: ⇨ "" (Davies is credited with coining the modern name packet switching and inspiring numerous packet switching networks in Europe)

STUDENT: **What did Paul Baran develop in the late 1950's**

TEACHER: ⇨ "" (the concept Distributed Adaptive Message Block Switching)

STUDENT: **What was the goal of the system**

TEACHER: ⇨ "" (to provide a fault-tolerant, efficient routing method for telecommunication messages)

STUDENT: **Who is credited with the modern name for this system**

TEACHER: ⇨ "" (Davies is credited with coining the modern name packet switching and inspiring numerous packet switching networks in Europe)

STUDENT: **In the late 1950s what concept was developed?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **What did the concept hope to achieve?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **How much funding did the RAND Corporation receive?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **What was the independent work of Donald Davis?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **What was the Bell System?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **What did the US Department of Defense gain from their funding to RAND Corporation?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **Who credited Paul Baran for his development?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **The Bell System was created by who?**

TEACHER: ⇨ "" (CANNOTANSWER)

STUDENT: **Packet Switching had a goal of creating what?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Who created ARPANET?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Did Paul Baran develop Distributed Adaptive Message Block Switching with the goal of monetizing it?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Did Paul Baran has assistance from anyone when he developed the concept?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Was development of this concept originally considered "classified" or a secret?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Was this concept originally intended to be an application only meant for use by the military?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Why was this concept generally unpopular prior to Donald Davies completing his work?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **What did Donald Davies develop in the late 1950s?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **What did the RAND Corporation do?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **What organization did Paul Baran work with in the United Kingdom?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **Who created ARPANET in the United States?**

TEACHER: ↪ "" (CANNOTANSWER)

STUDENT: **What fortified this concept?**

TEACHER: ↪ "" (CANNOTANSWER)