



The diagram illustrates a network topology with four nodes arranged in a 2x2 grid. Each node is represented by a black-outlined square. Inside each square is a blue-outlined rounded rectangle containing the text 'MPI rank'. Below each rounded rectangle, the word 'node' is written in black. A horizontal dotted line runs across the middle of the diagram, and a vertical dotted line runs down the middle. These two lines intersect at the center, dividing the four nodes into four quadrants. The nodes are connected to each other by these dotted lines, forming a mesh topology.

MPI rank

node

MPI rank

node

MPI rank

node

MPI rank

node