

$\mu$ Proc

The diagram illustrates the components of a microprocessor's stack frame. At the top, a gray box labeled  $\mu$ Proc represents the microprocessor. Below it, a horizontal row of eight rectangular boxes represents the stack frame. The first five boxes are labeled 'Header', 'IP', 'Stack', 'Env', and 'VStack' from left to right. The sixth box, labeled 'Alloc', is highlighted with a thick black border and a light blue fill. The remaining three boxes on the right are empty gray rectangles. A series of small gray dots forms a curved line connecting the  $\mu$ Proc box to the 'Alloc' box, indicating a connection or flow of data.

Header

IP

Stack

Env

VStack

Alloc