```
        // The higher the value of RUStage, the more BW is given to the VM

switch (VM.RUStage)

        case 1: VM.TR = Min (VM.AR * 1.2, VM.AR + 0.1 * lineRate)
                 // Give the VM 20% more BW, but not exceeding 10% of link speed

        case 2: VM.TR = Min (VM.AR * 1.5, VM.AR + 0.1 * lineRate)
                 // Give the VM 50% more BW, but not exceeding 10% of link speed

        case 3: VM.TR = Max (VM.AR * 2, VM.MG)
                 // Give the VM 100% more BW

 else  // The VM is neither using too much nor too little of its allocated bandwidth

    VM.TR = VM.AR
    VM.RUStage = Max(0, VM.RUStage -1)


// If the VM doesn't send any traffic, give it some small max-cap value

VM.TR = Max(VM.TR, 10Mbps)
```