

400F

```
//  
// Distribute remaining bandwidth for VM with VM.NeedsMore = TRUE  
//  
438 While (residualBandwidth > 0 AND there are VMs that NeedsMore)  
    for each VM in VMList  
        if (VM.NeedsMore == true)  
  
            // Give this VM its fair share of the residual bandwidth  
            //  
440 VM.FairShare = residualBandwidth * VM.MG / totalNeedsMoreWeight  
            VM.TempRate = VM.TempRate + VM.FairShare  
  
            // This VM does not need more BW if its TempRate exceeds the  
            // computed Target Rate (TR) value  
            if (VM.TempRate >= VM.TR)  
442 residualBandwidth -= (VM.TempRate - VM.TR)  
            VM.TempRate = VM.TR  
            VM.NeedsMore = false  
            End // of for loop  
            End // of while loop  
  
// All done with the allocation, now set AR for each VM to be the TempRate  
// Now apply the final allocation values to the VMs  
444 For each VM in VMList  
    VM.AR = VM.TempRate
```

FIG. 4F