

```
// Allocate bandwidth to all VMs, based on their recent send rates.
```

```
for each VM in VMList
```

```
    if (VM.AR == Disabled)
```

```
        VM.TR = 1.1 * VM.SR
```

```
    else if (VM.SR < 85% of VM.AR for the last 1s) // VM doesn't use all allocated bandwidth
```

```
        VM.TR = 1.1 * VM.SR;
```

```
        VM.RUStage = Max(0, VM.RUStage -1) // Reduce RUStage each time VM doesn't use all the allocated BW
```

```
    else if VM.SR > 0.95 * VM.AR // VM wants more than allocated bandwidth
```

```
        VM.RUStage = Min(3, VM.RUStage + 1) // Increase RUStage each time VM wants more BW
```