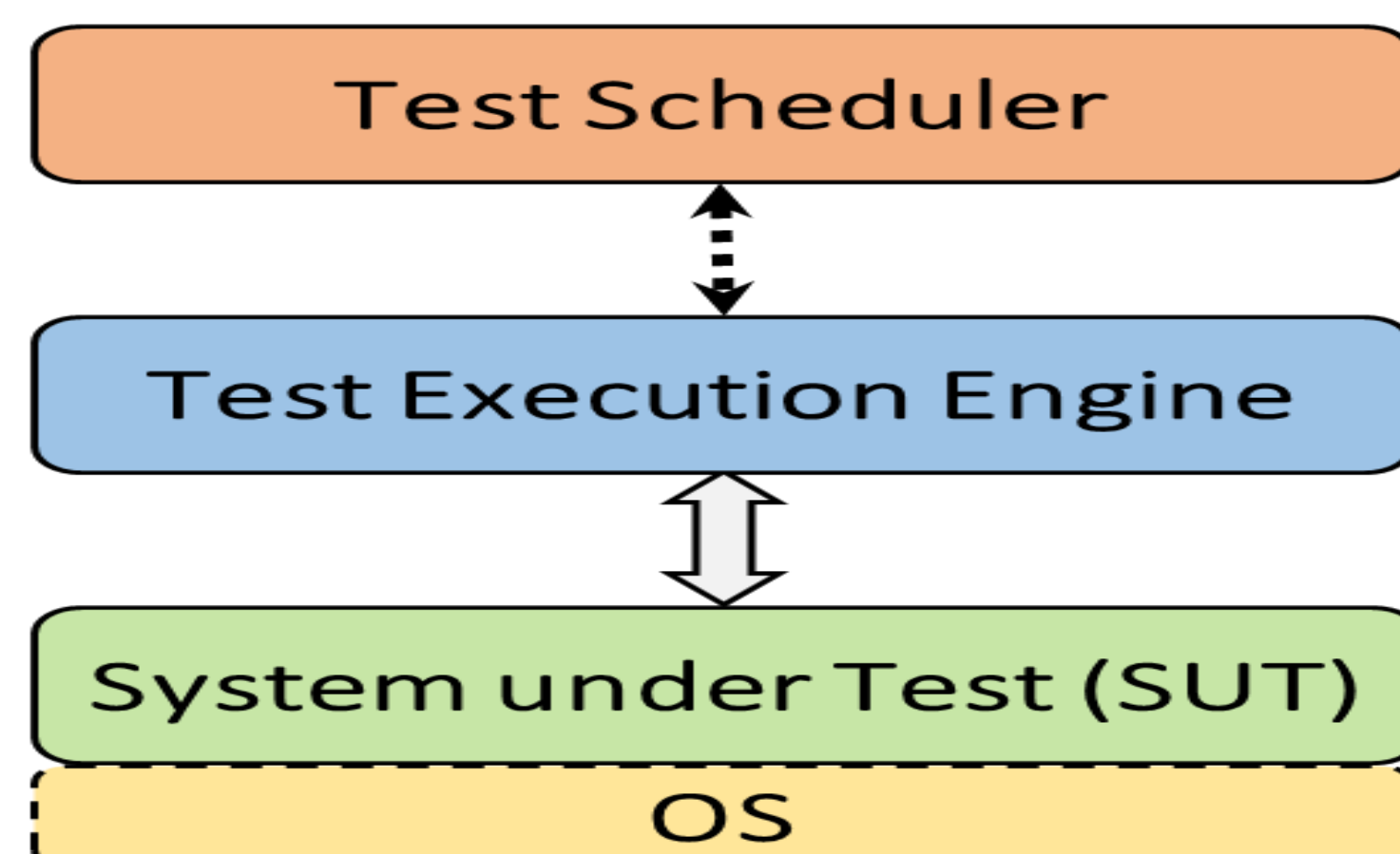
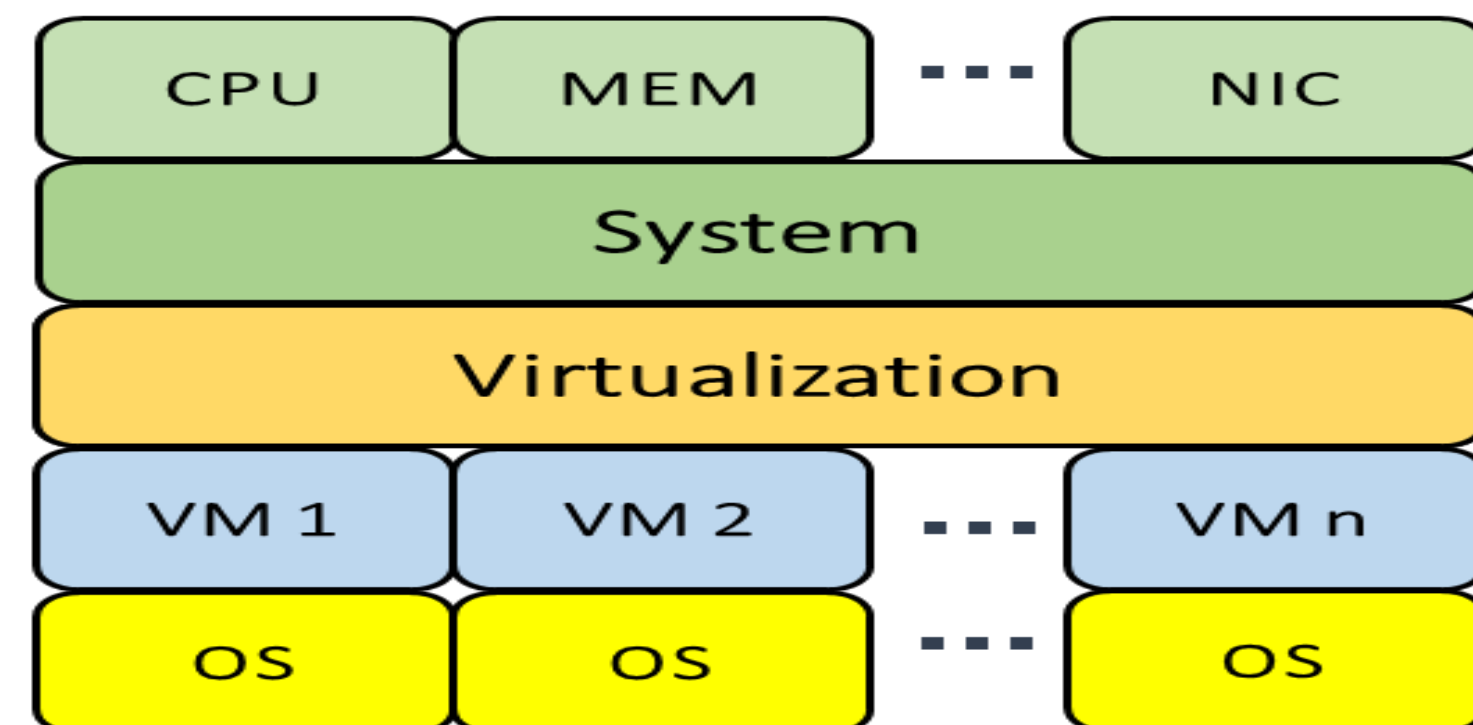
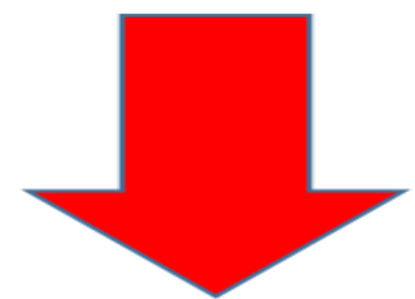
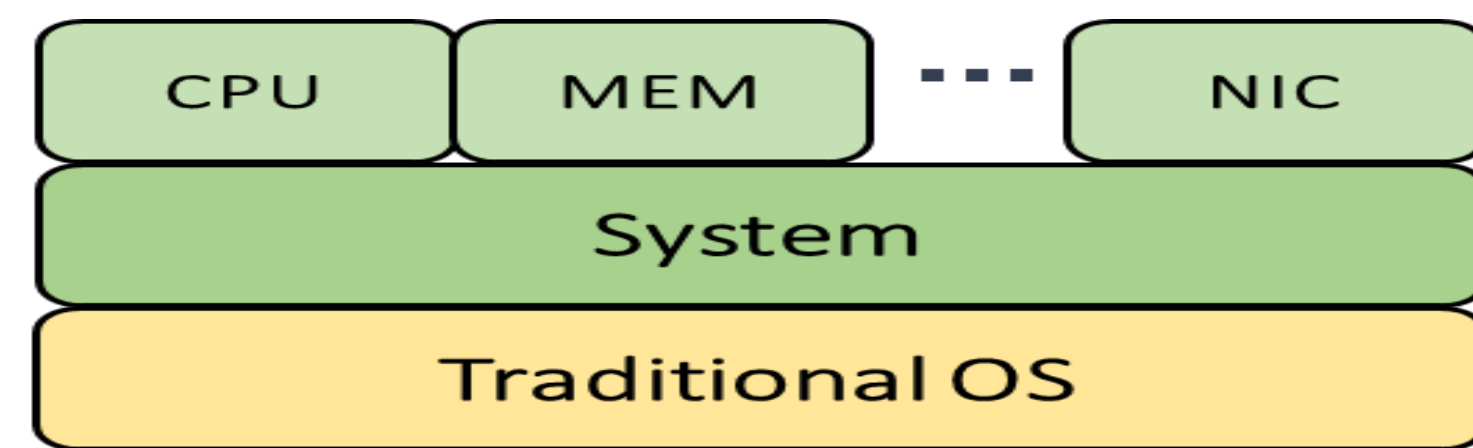


Virtualization Automation Challenges

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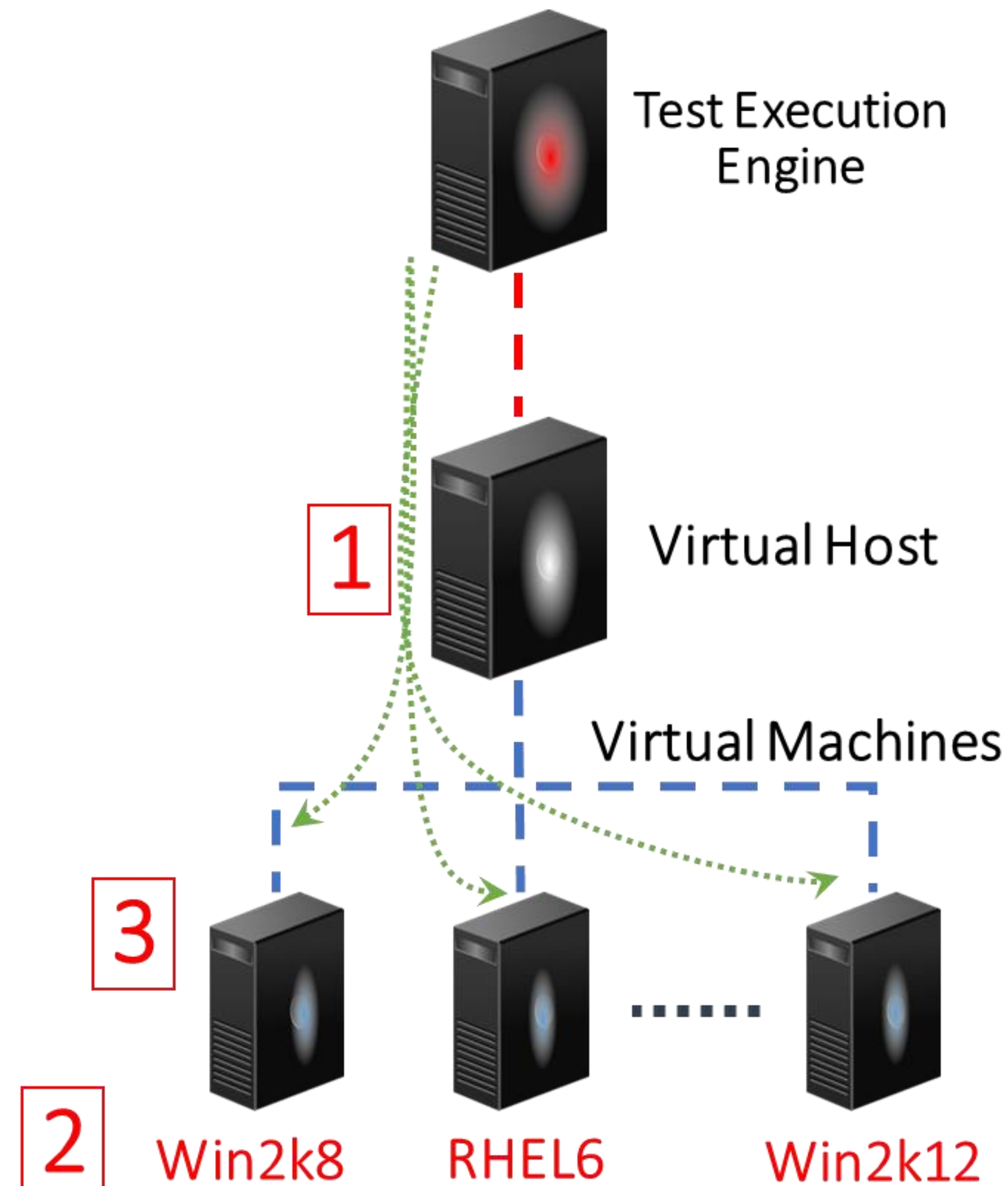
THE TRANSITION



SYSTEM:OS moves 1 : 1 → 1 : N

Automation stuck at 1 : 1!

THE CHALLENGE



1. How to manage dynamic resources?

2. Need to support multiple OSES

3. How to manage Setup-Teardown?

THE SOLUTION

1. Resource Management

```
Class Class_System
...
'0=Host,1=Peer,2+=VM
Dim systemSubtype
Dim mgmtIPAddress
Dim diskCount
Dim networkAdapter
...
End Class
```

```
'Start IO on peer
controlSystem = PEER
startLANIO()

'Transfer Control to VM1
For system = VM1 To VM
controlSystem = system
'Start FCoE traffic
startSANIO()
```

2. Multi-OS Support

```
Function SendSystemCommand()
If (systemOS = WINDOWS) Then
...
End If
If (systemOS = LINUX) Then
...
End If
If (systemOS = ESX) Then
...
End If
End Function
```

```
Function NewVM()
If (systemOS = ESX) Then
...
End If
If (systemOS = Hyper_V) Then
...
End If
If (systemOS = KVM) Then
...
End If
End Function
```

3. Test Continuation

