LICENSING MODEL
With Microsoft System Center 2016, only the endpoints to be managed need licenses, with no differentiation between server workloads. Rights to SQL Server and the Management Server software are included.

SYSTEM CENTER 2016 SERVER MANAGEMENT LICENSES
- **Core-based licensing**
  - System Center 2016 Standard and Datacenter Server MLs are Core-based licenses
  - A Server ML Core license must be assigned to each physical core in the server, with a minimum of 8 Core licenses per processor, and a minimum of 16 Core licenses per server. For example, a single processor server with 4 cores requires 16 Server ML Core licenses, and a 4-processor server with 8 cores on each processor requires 32 Server ML Core licenses.
  - Server ML Core licenses are purchased in 2-packs from resellers and always include Software Assurance

**License Mobility**
- **License Mobility across Server Farms:**
  - Not available for either System Center 2016 Standard or Datacenter Server MLs
- **License Mobility through Software Assurance:**
  - Standard: rights to manage 2 VMs per licensed server
  - Datacenter: rights to manage 10 VMs per licensed server

VIRTUALIZATION RIGHTS
System Center 2016 Datacenter
- The server must be fully licensed with Server ML Core licenses (as described in the Core-based Licensing section)
- An unlimited number of virtual machines may be managed on the server

System Center 2016 Standard
- The server must be fully licensed with Server ML Core licenses (as described in the Core-based Licensing section)
- 2 virtual machines may be managed on the server
- The server must be licensed again to manage a further 2 virtual machines. For example, a single processor server with 8 cores requires 16 Server ML Core licenses to manage 2 VMs. A further 16 Server ML Core licenses must be assigned to the server to manage another 2 VMs

UPGRADING TO SYSTEM CENTER 2016
- Customers who have Software Assurance on System Center 2012 R2 licenses may upgrade to and use the same edition of System Center 2016
- At renewal of SA, a standard grant of 16 Core licenses is made for each System Center 2012 R2 Processor-based license, upon which the customer may renew the Software Assurance
- Additional Core license grants are made for customers who are running System Center on servers with more than 8 cores per processor. At the time of renewal, the customer must create a report detailing the configuration of the physical hardware to which System Center licenses are assigned, using the Microsoft Software Inventory Logging tool or equivalent software. Software Assurance may then be renewed on the additional Core licenses granted

CORE INFRASTRUCTURE SERVER SUITES
These suites provide a cost effective way for organizations to purchase licenses for Windows Server and System Center. There are two suites:
- **Standard** contains System Center 2016 Standard and Windows Server 2016 Standard
  - Licensing all the physical cores gives rights to and run/manage 2 VMs
- **Datacenter** contains System Center 2016 Datacenter and Windows Server 2016 Datacenter
  - Licensing all the physical cores gives rights to run/manage unlimited VMs

STEP UP LICENSES
- Customers who have existing System Center 2016 Standard Server ML Core licenses with Software Assurance may purchase Step-Up licenses to move to System Center 2016 Datacenter Server ML Core licenses
- The Step-Up license is priced at the difference in price of the two licenses and SA

SYSTEM CENTER 2016 CLIENT MANAGEMENT LICENSES
**Availability of System Center Client Management Offerings:**

<table>
<thead>
<tr>
<th>System Center Configuration Manager</th>
<th>System Center Endpoint Protection</th>
<th>System Center Client Management Suite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Included in Core CAL Suite</td>
<td></td>
<td>Included in Enterprise CAL Suite</td>
</tr>
</tbody>
</table>

** Licensing Rules**
- Software Assurance is included with all Client MLs
- When purchased outside of the CAL Suites, Client MLs are available on a Per OSE or Per User basis
- When purchased via the CAL Suites, Client MLs are available on a Per Device or Per User basis
- Client MLs include the right to run the Management Server software and SQL Server

Further Microsoft Licensing handouts and exams: GetLicensingReady.com