



Sample XML Files

The following sections provide sample XML files.

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Sample XML File—VTC Installation

```
<domain type='kvm' id='1332'>
  <name>VTC-release2.1</name>
  <uuid>5789b2bb-df35-4154-a1d3-e38cefc856a3</uuid>
  <memory unit='KiB'>16389120</memory>
  <currentMemory unit='KiB'>16388608</currentMemory>
  <vcpu placement='static'>8</vcpu>
  <resource>
    <partition>/machine</partition>
  </resource>
  <os>
    <type arch='x86_64' machine='pc-i440fx-rhel7.0.0'>hvm</type>
    <boot dev='hd'/>
  </os>
  <features>
    <acpi/>
    <apic/>
    <pae/>
  </features>
  <cpu mode='custom' match='exact'>
    <model fallback='allow'>Westmere</model>
    <feature policy='require' name='vmx'/>
  </cpu>
  <clock offset='utc'/>
  <on_poweroff>destroy</on_poweroff>
  <on_reboot>restart</on_reboot>
  <on_crash>restart</on_crash>
  <devices>
    <emulator>/usr/libexec/qemu-kvm</emulator>
    <disk type='file' device='disk'>
      <driver name='qemu' type='qcow2' cache='none'/>
      <source file='/home/cisco/VTS2.1/vtc.qcow2'/>
      <target dev='sda' bus='scsi'/>
      <alias name='virtio-disk0'/>
      <address type='drive' controller='0' bus='0' target='0' unit='0'/>
    </disk>
    <controller type='scsi' index='0' model='virtio-scsi'>
      <alias name='scsi0'/>
    </controller>
  </devices>
</domain>
```

```

<address type='pci' domain='0x0000' bus='0x00' slot='0x06' function='0x00'/>
</controller>
<interface type='bridge'>
  <mac address='52:54:00:5b:12:3a'/>
  <source bridge='br-ex'/>
  <virtualport type='openvswitch'>
    <parameters interfaceid='263c1aa6-8f7d-46f0-b0a3-bdbdad40fe41'/>
  </virtualport>
  <target dev='vnet0'/>
  <model type='virtio'/>
  <alias name='net0'/>
  <address type='pci' domain='0x0000' bus='0x00' slot='0x03' function='0x00'/>
</interface>
<interface type='bridge'>
  <mac address='52:54:00:8d:75:75'/>
  <source bridge='br-control'/>
  <virtualport type='openvswitch'>
    <parameters interfaceid='d0b0020d-7898-419e-93c8-15dd7a08eebd'/>
  </virtualport>
  <target dev='vnet1'/>
  <model type='virtio'/>
  <alias name='net1'/>
  <address type='pci' domain='0x0000' bus='0x00' slot='0x0b' function='0x00'/>
</interface>
<serial type='tcp'>
  <source mode='bind' host='127.0.0.1' service='4888'/>
  <protocol type='telnet'/>
  <target port='0'/>
  <alias name='serial0'/>
</serial>
<console type='tcp'>
  <source mode='bind' host='127.0.0.1' service='4888'/>
  <protocol type='telnet'/>
  <target type='serial' port='0'/>
  <alias name='serial0'/>
</console>
<channel type='spicevmc'>
  <target type='virtio' name='com.redhat.spice.0'/>
  <alias name='channel0'/>
  <address type='virtio-serial' controller='0' bus='0' port='1'/>
</channel>
<input type='mouse' bus='ps2'/>
<graphics type='spice' port='5900' autoport='yes' listen='127.0.0.1'>
  <listen type='address' address='127.0.0.1'/>
</graphics>
<sound model='ich6'>
  <alias name='sound0'/>
  <address type='pci' domain='0x0000' bus='0x00' slot='0x04' function='0x00'/>
</sound>
<video>
  <model type='qxl' ram='65536' vram='65536' heads='1'/>
  <alias name='video0'/>
  <address type='pci' domain='0x0000' bus='0x00' slot='0x02' function='0x00'/>
</video>
<memballoon model='virtio'>
  <alias name='balloon0'/>
  <address type='pci' domain='0x0000' bus='0x00' slot='0x07' function='0x00'/>
</memballoon>
</devices>
<seclabel type='dynamic' model='selinux' relabel='yes'>
  <label>system_u:system_r:svirt_t:s0:c26,c784</label>
  <imagelabel>system_u:object_r:svirt_image_t:s0:c26,c784</imagelabel>
</seclabel>

```

```
</domain>
```

Sample XML File—VTSR Installation

```
<domain type='kvm' id='20'>
  <name>SAMPLE-VTSR-1</name>
  <memory unit='GiB'>48</memory>
  <cpu mode='host-passthrough'/>
  <vcpu placement='static'>14</vcpu>
  <resource>
    <partition>/machine</partition>
  </resource>

  <os>
    <type arch='x86_64' machine='pc-i440fx-rhel7.0.0'>hvm</type>
    <boot dev='hd'/>
    <boot dev='cdrom'/>
  </os>
  <features>
    <acpi/>
    <apic/>
    <pae/>
  </features>
  <clock offset='localtime'/>
  <on_poweroff>destroy</on_poweroff>
  <on_reboot>restart</on_reboot>
  <on_crash>restart</on_crash>
  <devices>
    <emulator>/usr/libexec/qemu-kvm</emulator>

    <disk type='file' device='cdrom'>
      <driver name='qemu'/>
      <source file='/home/admin/VTS20/images/vtsr_node1_cfg.iso'/>
      <target dev='hda' bus='ide'/>
      <readonly/>
    </disk>

    <disk type='file' device='disk'>
      <driver name='qemu' type='qcow2'/>
      <source file='/home/admin/VTS20/images/vtsr.qcow2'/>
      <target dev='vda' bus='virtio'/>
      <alias name='virtio-disk0'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x09' function='0x0'/>
    </disk>

    <controller type='usb' index='0'>
      <alias name='usb0'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x01' function='0x2'/>
    </controller>
    <controller type='ide' index='0'>
      <alias name='ide0'/>
      <address type='pci' domain='0x0000' bus='0x00' slot='0x01' function='0x1'/>
    </controller>
    <controller type='pci' index='0' model='pci-root'>
      <alias name='pci.0'/>
    </controller>

    <interface type='bridge'>
      <source bridge='br-ex'/>
      <virtualport type='openvswitch'>
        <parameters interfaceid='4ffa64df-0d57-4d63-b85c-78b17fcac60a'/>
      </virtualport>
    </interface>
  </devices>
</domain>
```

```

    </virtualport>
    <target dev='vtsr-dummy-mgmt'/>
    <model type='virtio'/>
    <alias name='vnet1'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x02' function='0x0'/>
  </interface>

  <interface type='bridge'>
    <source bridge='br-inst'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='4ffa64df-0d67-4d63-b85c-68b17fcac60a'/>
    </virtualport>
    <target dev='vtsr-dummy-2'/>
    <model type='virtio'/>
    <alias name='vnet1'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x03' function='0x0'/>
  </interface>

  <interface type='bridge'>
    <source bridge='br-inst'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='4ffa64df-0f47-4d63-b85c-68b17fcac70a'/>
    </virtualport>
    <target dev='vtsr-dummy-3'/>
    <model type='virtio'/>
    <alias name='vnet1'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x04' function='0x0'/>
  </interface>

  <interface type='bridge'>
    <source bridge='br-inst'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='4ffa64df-0d47-4d63-b85c-58b17fcac60a'/>
    </virtualport>
    <vlan>
      <tag id='800'/>
    </vlan>
    <target dev='vtsr-gig-0'/>
    <model type='virtio'/>
    <alias name='vnet1'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x05' function='0x0'/>
  </interface>

  <interface type='bridge'>
    <source bridge='br-ex'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='3ffa64df-0d47-4d63-b85c-58b17fcac60a'/>
    </virtualport>
    <target dev='vtsr-gig-1'/>
    <model type='virtio'/>
    <alias name='vnet1'/>
    <address type='pci' domain='0x0000' bus='0x00' slot='0x06' function='0x0'/>
  </interface>

  <interface type='bridge'>
    <source bridge='br-inst'/>
    <virtualport type='openvswitch'>
      <parameters interfaceid='a2f3e85a-4de3-4ca9-b3df-3277136c4054'/>
    </virtualport>
    <vlan>
      <tag id='800'/>
    </vlan>

```

```
        <target dev='vtsr-gig-2' />
        <model type='virtio' />
        <alias name='vnet3' />
        <address type='pci' domain='0x0000' bus='0x00' slot='0x07' function='0x0' />
    </interface>

    <serial type='pty'>
        <source path='/dev/pts/0' />
        <target port='0' />
        <alias name='serial0' />
    </serial>
    <console type='pty' tty='/dev/pts/0'>
        <source path='/dev/pts/0' />
        <target type='serial' port='0' />
        <alias name='serial0' />
    </console>
    <input type='tablet' bus='usb'>
        <alias name='input0' />
    </input>
    <input type='mouse' bus='ps2' />
    <graphics type='vnc' port='5900' autoport='yes' listen='0.0.0.0' keymap='en-us'>
        <listen type='address' address='0.0.0.0' />
    </graphics>
    <video>
        <model type='cirrus' vram='9216' heads='1' />
        <alias name='video0' />
        <address type='pci' domain='0x0000' bus='0x00' slot='0x08' function='0x0' />
    </video>
    <memballoon model='virtio'>
        <alias name='balloon0' />
        <address type='pci' domain='0x0000' bus='0x00' slot='0x0a' function='0x0' />
    </memballoon>
</devices>
</domain>
```

