



# Cisco Cloud Services Platform (CSP) Extensions

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## Cloud Services Provider Extensions

The table below lists all the additional extensions added to ESC to support CSP as a VIM. For more information on the VIM connectors, see [Managing VIM Connectors](#).

**Table 1: CSP Extensions**

<b>Resource</b>	<b>Extension</b> <b>Sample Deployment</b>
Deployment/VM Group	Extension: None. Sample deployment: See the <a href="#">Managing VIM Connector</a> section
Flavor	Extension: None. Sample deployment: <pre data-bbox="672 1318 1159 1465">&lt;flavor&gt;   &lt;name&gt;FLAVOR_2_4096_10000&lt;/name&gt;   &lt;vcpus&gt;2&lt;/vcpus&gt;   &lt;memory_mb&gt;4096&lt;/memory_mb&gt;   &lt;root_disk_mb&gt;10000&lt;/root_disk_mb&gt; &lt;/flavor&gt;</pre>

Resource	Extension Sample Deployment
Storage disk Deployment/volume	<p>Extension:</p> <pre data-bbox="634 390 1321 940">&lt;extension&gt;   &lt;name&gt;volumes&lt;/name&gt;   &lt;containers&gt;     &lt;container&gt;       &lt;name&gt;1&lt;/name&gt;       &lt;properties&gt;         &lt;property&gt;           &lt;name&gt;storage_disk_format&lt;/name&gt;           &lt;value&gt;raw   qcow2&lt;/value&gt;         &lt;/property&gt;         &lt;property&gt;           &lt;name&gt;storage_disk_device&lt;/name&gt;           &lt;value&gt;disk   cdrom&lt;/value&gt;         &lt;/property&gt;         &lt;property&gt;           &lt;name&gt;storage_disk_location&lt;/name&gt;           &lt;value&gt;local   NFS mount &lt;/value&gt;         &lt;/property&gt;       &lt;/properties&gt;     &lt;/container&gt;   &lt;/containers&gt; &lt;/extension&gt;</pre> <p>Sample deployment:</p> <pre data-bbox="634 1041 1040 1234">&lt;volumes&gt;   &lt;volume&gt;     &lt;valid&gt;1&lt;/valid&gt;     &lt;sizeunit&gt;GiB&lt;/sizeunit&gt;     &lt;size&gt;20&lt;/size&gt;     &lt;bus&gt;virtio&lt;/bus&gt;   &lt;/volume&gt; &lt;/volumes&gt;</pre>
Deployment/ vm group / extensions/ image	<p>Extension:</p> <pre data-bbox="634 1318 1182 1843">&lt;extension&gt;   &lt;name&gt;image&lt;/name&gt;   &lt;properties&gt;     &lt;property&gt;       &lt;name&gt;disk-resize&lt;/name&gt;       &lt;value&gt;true&lt;/value&gt;     &lt;/property&gt;     &lt;property&gt;       &lt;name&gt;disk_type&lt;/name&gt;       &lt;value&gt;virtio&lt;/value&gt;     &lt;/property&gt;     &lt;property&gt;       &lt;name&gt;disk_storage_name&lt;/name&gt;       &lt;value&gt;esc_nas_old&lt;/value&gt;     &lt;/property&gt;     &lt;property&gt;       &lt;name&gt;image_storage_name&lt;/name&gt;       &lt;value&gt;esc_nas_old&lt;/value&gt;     &lt;/property&gt;   &lt;/properties&gt; &lt;/extension&gt;</pre>

Resource	Extension Sample Deployment
Deployment/ vm group / extentions/ vnc	Extension:  <pre data-bbox="673 415 1144 640"> &lt;extension&gt;   &lt;name&gt;vnc&lt;/name&gt;   &lt;properties&gt;     &lt;property&gt;       &lt;name&gt;vnc_password&lt;/name&gt;       &lt;value&gt;*****&lt;/value&gt;     &lt;/property&gt;   &lt;/properties&gt; &lt;/extension&gt; </pre>
Deployment/ vm group / extentions/ vnf_mgmt_ip	Extension:  <pre data-bbox="673 739 1055 963"> &lt;extension&gt;   &lt;name&gt;vnf_mgmt_ip&lt;/name&gt;   &lt;properties&gt;     &lt;property&gt;       &lt;name&gt;nicid&lt;/name&gt;       &lt;value&gt;0&lt;/value&gt;     &lt;/property&gt;   &lt;/properties&gt; &lt;/extension&gt; </pre>
Deployment/ vm group / serial_ports	Extension:  <pre data-bbox="673 1062 1234 1413"> &lt;extension&gt;   &lt;name&gt;serial_ports&lt;/name&gt;   &lt;containers&gt;     &lt;container&gt;       &lt;name&gt;0&lt;/name&gt;       &lt;properties&gt;         &lt;property&gt;           &lt;name&gt;serial_type&lt;/name&gt;           &lt;value&gt;console&lt;/value&gt;         &lt;/property&gt;       &lt;/properties&gt;     &lt;/container&gt;   &lt;/containers&gt; &lt;/extension&gt; </pre>

Resource	Extension Sample Deployment
Deployment/ vm group / interfaces /	<p>Extension:</p> <pre data-bbox="634 390 1299 1199"> &lt;extensions&gt;   &lt;extension&gt;     &lt;name&gt;interfaces&lt;/name&gt;     &lt;containers&gt;       &lt;container&gt;         &lt;name&gt;1&lt;/name&gt;         &lt;properties&gt;           &lt;property&gt;             &lt;name&gt;passthroughMode&lt;/name&gt;             &lt;value&gt;none&lt;/value&gt;           &lt;/property&gt;           &lt;property&gt;             &lt;name&gt;tagged&lt;/name&gt;             &lt;value&gt;&gt;false&lt;/value&gt;           &lt;/property&gt;           &lt;property&gt;             &lt;name&gt;type&lt;/name&gt;             &lt;value&gt;access&lt;/value&gt;           &lt;/property&gt;           &lt;property&gt;             &lt;name&gt;bandwidth&lt;/name&gt;             &lt;value&gt;7500&lt;/value&gt;           &lt;/property&gt;           &lt;property&gt;             &lt;name&gt;vlan&lt;/name&gt;             &lt;value&gt;1&lt;/value&gt;           &lt;/property&gt;         &lt;/properties&gt;       &lt;/container&gt;     &lt;/containers&gt;   &lt;/extension&gt; &lt;/extensions&gt; </pre> <p>Sample deployment:</p> <pre data-bbox="634 1268 1169 1440"> &lt;interface&gt;   &lt;nicid&gt;1&lt;/nicid&gt;   &lt;type&gt;virtual&lt;/type&gt;   &lt;model&gt;virtio&lt;/model&gt;   &lt;network&gt;Eth0-2&lt;/network&gt;   &lt;admin_state_up&gt;&gt;false&lt;/admin_state_up&gt; &lt;/interface&gt; </pre>
Deployment/ vm group / <vim_vm_name>	<p>Extension: None.</p> <p>Sample deployment: &lt;vim_vm_name&gt;my-custom-csr&lt;/vim_vm_name&gt;</p>

<b>Resource</b>	<b>Extension</b> <b>Sample Deployment</b>
Deployment/ vm group /day0-volume-id	Extension: None. Sample deployment:  <pre data-bbox="673 464 1260 688">&lt;config_type&gt;CONFIG_DATA_OPTIONS&lt;/config_type&gt; &lt;config_options&gt;   &lt;options&gt;     &lt;option&gt;       &lt;name&gt;day0-volume-id&lt;/name&gt;       &lt;value&gt;cidata&lt;/value&gt;     &lt;/option&gt;   &lt;/options&gt; &lt;/config_options&gt;</pre>

