



# 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**

Resource	Sample Deployment	Extension
Deployment/VM Group	See the Managing VIM Connector section	None.
Flavor	<pre>&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>	None.

Resource	Sample Deployment	Extension
Storage disk Deployment/volume	<pre> &lt;volumes&gt;   &lt;volume&gt;     &lt;volid&gt;1&lt;/volid&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>	<pre> &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>

Resource	Sample Deployment	Extension
Deployment/ vm group / extentions/ image		<pre> &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;&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>
Deployment/ vm group / extentions/ vnc		<pre> &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>

Resource	Sample Deployment	Extension
Deployment/ vm group / extentions/ vnf_mgmt_ip		<pre data-bbox="1187 317 1481 646"> &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		<pre data-bbox="1187 699 1481 1310"> &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	Sample Deployment	Extension
Deployment/ vm group / interfaces /	<pre data-bbox="597 317 1154 541">&lt;interfaces&gt;   &lt;interface&gt;     &lt;nicid&gt;0&lt;/nicid&gt;     &lt;type&gt;virtual&lt;/type&gt;     &lt;model&gt;virtio&lt;/model&gt;     &lt;network&gt;xyz&lt;/network&gt;     &lt;ip_address&gt;xx.xx.xx.xx&lt;/ip_address&gt;   &lt;/interface&gt; &lt;/interfaces&gt;</pre>	

Resource	Sample Deployment	Extension
		<pre> &lt;extension&gt;  &lt;name&gt;interfaces&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;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;vlan&lt;/name&gt; &lt;value&gt;1&lt;/value&gt; &lt;/property&gt; &lt;property&gt; &lt;name&gt;netmask&lt;/name&gt; &lt;value&gt;xx.xx.xx.xx&lt;/value&gt;  &lt;/property&gt; &lt;property&gt; &lt;name&gt;gateway&lt;/name&gt; &lt;value&gt;xx.xx.xx.xx&lt;/value&gt;  &lt;/property&gt; &lt;property&gt; </pre>

Resource	Sample Deployment	Extension
		<pre> &lt;name&gt;ip_prefix&lt;/name&gt; &lt;value&gt;xx&lt;/value&gt; &lt;/property&gt; &lt;/properties&gt;   &lt;/container&gt; &lt;/containers&gt; &lt;/extension&gt; </pre>
Deployment/ vm group / <vim_vm_name>	<vim_vm_name>my-custom-csr</vim_vm_name>	None.
Deployment/ vm group /day0-volume-id	<pre> &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>	None.

