



## VIM Connector Properties for Different VIMs

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### VIM Connector Properties

The VIM connector configuration enables ESC to connect to the VIM. The properties within the configuration provides details specific to the VIM and its credentials. The table below shows the VIM connector properties for different VIMs. For more information, see [Managing VIM Connectors](#).

**Table 1: VIM Connector Properties**

VIM	Property	Reference
OpenStack	<pre>&lt;properties&gt; &lt;property&gt; &lt;name&gt;os_auth_url&lt;/name&gt; &lt;value&gt;http://172.16.103.153:35357/v3&lt;/value&gt; &lt;/property&gt; &lt;property&gt; &lt;name&gt;os_project_domain_name&lt;/name&gt; &lt;value&gt;default&lt;/value&gt; &lt;/property&gt; &lt;property&gt; &lt;name&gt;os_project_name&lt;/name&gt; &lt;value&gt;admin&lt;/value&gt; &lt;/property&gt; &lt;property&gt; &lt;name&gt;os_identity_overwrite_endpoint&lt;/name&gt; &lt;value&gt;http://some_server:some_port&lt;/value&gt; &lt;/property&gt; &lt;property&gt; &lt;name&gt;os_network_overwrite_endpoint&lt;/name&gt; &lt;value&gt;http://some_other_server:some_other_port&lt;/value&gt; &lt;/property&gt; &lt;/properties&gt;</pre>	For more information, see <a href="#">VIM Connector Configurations for OpenStack</a> .

VIM	Property	Reference
AWS	<pre> &lt;properties&gt; &lt;property&gt; &lt;name&gt;aws_default_region&lt;/name&gt; &lt;value&gt;us-east-2&lt;/value&gt; &lt;/property&gt; &lt;/properties&gt; &lt;users&gt; &lt;user&gt; &lt;id&gt;AWS_ACCESS_ID&lt;/id&gt; &lt;credentials&gt; &lt;properties&gt; &lt;property&gt; &lt;name&gt;aws_secret_key&lt;/name&gt; &lt;encrypted_value&gt;AWS_SECRET_KEY&lt;/encrypted_value&gt; &lt;/property&gt; &lt;/properties&gt; &lt;/users&gt; </pre>	<p>For more information, see <a href="#">VIM Connector Configurations for AWS</a>.</p>
VMware vCD	<pre> &lt;properties&gt; &lt;property&gt; &lt;name&gt;authUrl&lt;/name&gt; &lt;!-- vCD is the vCD server IP or host name --&gt; &lt;value&gt;https://vCD&lt;/value&gt; &lt;/property&gt; &lt;/properties&gt; &lt;users&gt; &lt;user&gt; &lt;!-- the user id here represents {org username}@{org name} --&gt; &lt;id&gt;user@organization&lt;/id&gt; &lt;credentials&gt; &lt;properties&gt; &lt;property&gt; &lt;name&gt;password&lt;/name&gt; &lt;!--the organization user's password--&gt; &lt;value&gt;put user's password here&lt;/value&gt; &lt;/property&gt; &lt;/properties&gt; &lt;/credentials&gt; &lt;/user&gt; </pre>	<p>For more information, see <a href="#">VIM Connector Configuration for VMware vCloud Director (vCD)</a>.</p>

VIM	Property	Reference
VMware vSphere	<pre> &lt;esc_system_config xmlns="http://www.cisco.com/esc/esc"&gt;    &lt;vim_connectors&gt;     &lt;vim_connector&gt;       &lt;id&gt;vimc-vc-lab&lt;/id&gt;        &lt;type&gt;VMWARE_VSPHERE&lt;/type&gt;       &lt;properties&gt;         &lt;property&gt;            &lt;name&gt;vcenter_ip&lt;/name&gt;            &lt;value&gt;IP_ADDRESS&lt;/value&gt;           &lt;/property&gt;         &lt;property&gt;            &lt;name&gt;vcenter_port&lt;/name&gt;           &lt;value&gt;PORT&lt;/value&gt;           &lt;/property&gt;         &lt;/properties&gt;         &lt;users&gt;           &lt;user&gt;              &lt;id&gt;esc@vsphere.local&lt;/id&gt;             &lt;credentials&gt;               &lt;properties&gt;                 &lt;property&gt;                    &lt;name&gt;vcenter_password&lt;/name&gt;                    &lt;value&gt;PASS&lt;/value&gt;                   &lt;/property&gt;                 &lt;/properties&gt;               &lt;/credentials&gt;             &lt;/user&gt;           &lt;/users&gt;         &lt;/vim_connector&gt;       &lt;/vim_connectors&gt;     &lt;/esc_system_config&gt; </pre>	<p>For more information, see <a href="#">VIM Connector Configuration for VMware vSphere</a>.</p>
Cisco Cloud Services Provider (CSP) 2100	<pre> &lt;properties&gt;   &lt;property&gt;     &lt;name&gt;csp_host_ip&lt;/name&gt;     &lt;value&gt;172.16.89.100&lt;/value&gt;   &lt;/property&gt;   &lt;property&gt;     &lt;name&gt;csp_host_port&lt;/name&gt;     &lt;value&gt;2022&lt;/value&gt;   &lt;/property&gt; &lt;/properties&gt; &lt;users&gt;   &lt;user&gt;     &lt;id&gt;admin&lt;/id&gt;     &lt;credentials&gt;       &lt;properties&gt;         &lt;property&gt;           &lt;name&gt;csp_password&lt;/name&gt;           &lt;value&gt;*****&lt;/value&gt;         &lt;/property&gt;       &lt;/properties&gt;     &lt;/user&gt;   &lt;/users&gt; </pre>	<p>For CSP extensions, see <a href="#">Cloud Services Provider Extensions</a>.</p>

