



Creating Workers in Bulk

This chapter provides instructions for creating workers in bulk through the V2PC GUI.

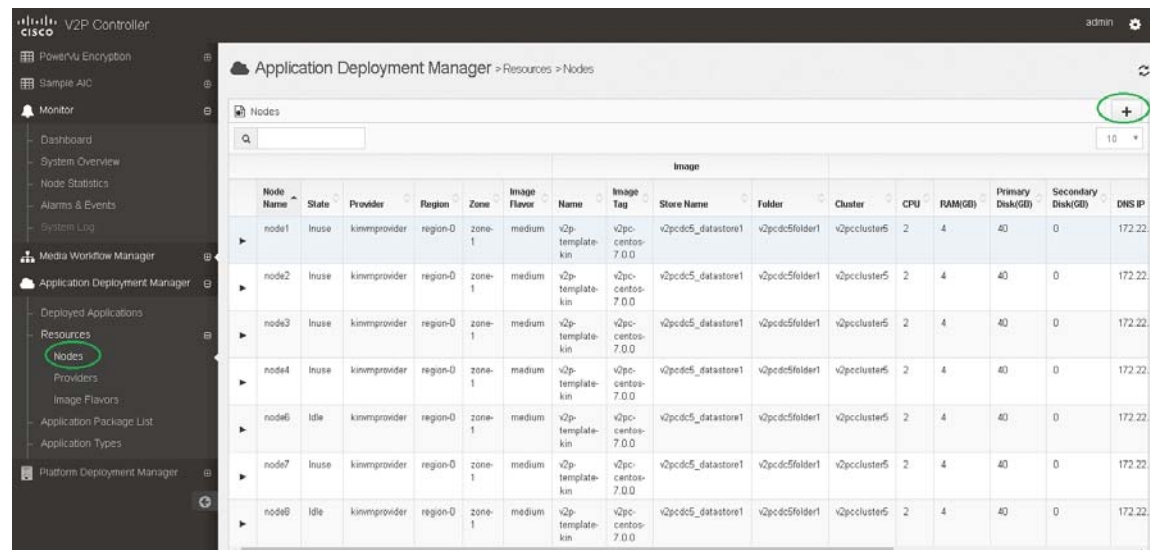
Prerequisites

- The user has bootstrapped the V2PC cluster from the launcher node.
- The user has created the provider, network, and zone from the V2PC GUI.

Procedure

Step 1 From the navigation menu, choose **Application Deployment Manager > Resources > Nodes**. The Nodes page opens.

Figure 11-1 Nodes Page



Step 2 Click the **Add (+)** icon to add one or more worker nodes. The Bulk Nodes Creation dialog opens.

Figure 11-2 Bulk Nodes Creation Dialog

Bulk Nodes Creation

Number of Nodes* 2 Description create 2 nodes in bulk

Region* region-0 Image Tag* v2pc-centos-7.0.0

Provider* kinvmprovider Image Flavor* default-img-flavors

Zone* zone-1 Flavor Name* medium

Interfaces

| Type | Network Name | IP Address Start Range |
|-------------|--------------|------------------------|
| Management* | kinnetwork | 172.22.117.178 |
| Data In | kinnetwork | 172.22.117.188 |
| Data Out | kinnetwork | 172.22.117.199 |

Cancel Create

Step 3 Enter the number of nodes and other information as needed:

- **Number of nodes** – Enter number of nodes
- **Region** – Select Region Name
- **Provider** – Select Provider Name
- **Zone** – Select Zone
- **Description** – Enter Description
- **Image Tag** – Select Image
- **Image Flavor** – Select Image Flavor
- **Flavor Name** – Select Image Flavor Name

Step 4 Enter the IP addresses for the management and data interfaces:

- **Management** – Select Network and enter IP Address Start Range
- **Data In** – Select Network and enter IP Address Start Range
- **Data Out** – Select Network and enter IP Address Start Range

Step 5 Click **Create**. The GUI automatically configures each node and assigns a sequential IP address.



Note

All nodes are created in the configured zone.

A popup window displays the status of the node creation process.

Figure 11-3 Node Creation Status Window

| Node Creation Status | | | |
|----------------------|-----------------------|---------|--|
| Node Name | Management IP Address | Status | Reason for Failure |
| worker-zone-1-178 | 172.22.117.178 | Failure | Error creating object,objType nodes name worker-zone-1-178 Response code = 400, url = regions/region-0/nodes/worker-zone-1-178 error = {"errorCode":"Badrequest","error":"The ip 172.22.117.178 is Inuse"} |
| worker-zone-1-179 | 172.22.117.179 | Failure | Error creating object,objType nodes name worker-zone-1-179 Response code = 400, url = regions/region-0/nodes/worker-zone-1-179 error = {"errorCode":"Badrequest","error":"The ip 172.22.117.179 is Inuse"} |

Limitations

- From the V2PC GUI navigation menu, choose **Application Deployment Manager > Resources > Nodes** to confirm that nodes are created as expected.
- There is a limit of up to 10 worker nodes maximum creation at a time.
- Bulk worker creation only supports contiguous IP address ranges.

