

# UCS Director Multi-Node Deployment 5.4 - Dual-Stack IPv4/IPv6

The purpose of this document is to illustrate the steps to Add IPv6 addresses to an existing IPv4 UCS Director Multi-Node Deployment to support both IPv4 and IPv6 Virtual and Physical devices. Also included in this document are steps to add an IPv6 UCSM Physical Account and change its system tasks to use a service node to validate IPv6 is functioning through the service node as well.

## Assumptions/Requirements

- You currently have a UCS Director 5.4 IPv4 Multi-Node deployment.
- This document was built in a lab and the IPv6 addresses used throughout this document are NOT actually registered to me. This environment is contained and does not route outside of this lab. You should use your own registered Global Unicast IPv6 space for your setup.
- Global Unicast IPv6 addresses are required if you are configuring your UCS Manager domains for IPv6 Management.

## Useful Documents

[Internet Protocol Version 6 Address Space](#)

[IPv6 Global Unicast Address Assignments](#)

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## 1. Add IPv6 Address/Gateway to Primary Node

SSH to the Primary Node and log in using the root account.

- Open vi editor for eth0: **'vi /etc/sysconfig/network-scripts/ifcfg-eth0'**
- Cursor down to the IPV6INIT=no and put your cursor to the letter n: enter **'cw'** for change word
- Type **'yes'** and then press enter/return to create a new line
- Type **'IPV6ADDR=' + 'yourIPv6address' + '/yourIPv6prefixlength'**, then press enter/return
- Type **'IPV6\_DEFAULTGW=' + 'yourIPv6gateway'**, then press enter/return
- Press the **'esc'** button, then enter **':wq!'** to write and quit vi editor
- Verify the changes have been saved: **'cat /etc/sysconfig/network-scripts/ifcfg-eth0'**
- Below is an example.

```
[root@CUCSD-P-5_4_0_0 ~]# cat /etc/sysconfig/network-scripts/ifcfg-eth0
DEVICE=eth0
BOOTPROTO=static
ONBOOT=yes
IPADDR=172.17.80.119
GATEWAY=172.17.80.1
NETMASK=255.255.255.0
TYPE=Ethernet
PEERDNS=yes
USERCTL=no
IPV6INIT=yes
IPV6ADDR=2d00:4888:a60e:0080:c0:fef::c119/64
IPV6_DEFAULTGW=2d00:4888:a60e:0080::22
[root@CUCSD-P-5_4_0_0 ~]#
```

- Restart the Network Services: **'service network restart'**

```
[root@CUCSD-P-5_4_0_0 ~]# service network restart
Shutting down interface eth0: [ OK ]
Shutting down loopback interface: [ OK ]
Bringing up loopback interface: [ OK ]
Bringing up interface eth0: Determining if ip address 172.17.80.119 is already in use for device eth0...
[ OK ]
[root@CUCSD-P-5_4_0_0 ~]#
```

- Test Connectivity by pinging the IPv6 default gateway and it's own IPv6 address. **'ping6 -c 5 yourIPv6address'**

```
[root@CUCSD-P-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080::22
PING 2d00:4888:a60e:0080::22(2d00:4888:a60e:80::22) 56 data bytes
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=1 ttl=64 time=0.480 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=2 ttl=64 time=0.291 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=3 ttl=64 time=0.323 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=4 ttl=64 time=0.300 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=5 ttl=64 time=0.360 ms
```

```
--- 2d00:4888:a60e:0080::22 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4001ms
rtt min/avg/max/mdev = 0.291/0.350/0.480/0.072 ms
```

```
[root@CUCSD-P-5_4_0_0 ~]#
```

```
[root@CUCSD-P-5_4_0_0 ~]#
```

```
[root@CUCSD-P-5_4_0_0 ~]#
```

```
[root@CUCSD-P-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080:c0:fef::c119
```

```
PING 2d00:4888:a60e:0080:c0:fef::c119(2d00:4888:a60e:80:c0:fef:0:c119) 56 data bytes
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c119: icmp_seq=1 ttl=64 time=0.035 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c119: icmp_seq=2 ttl=64 time=0.076 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c119: icmp_seq=3 ttl=64 time=0.081 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c119: icmp_seq=4 ttl=64 time=0.077 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c119: icmp_seq=5 ttl=64 time=0.084 ms
```

```
--- 2d00:4888:a60e:0080:c0:fef::c119 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 3999ms
rtt min/avg/max/mdev = 0.035/0.070/0.084/0.020 ms
```

```
[root@CUCSD-P-5_4_0_0 ~]# █
```

## 2. Add IPv6 Address/Gateway to Inventory Database Node

SSH to the Inventory Database Node and log in using the root account.

- Open vi editor for eth0: **'vi /etc/sysconfig/network-scripts/ifcfg-eth0'**
- Cursor down to the **'IPV6INIT=no'** and put your cursor to the letter n: enter **'cw'** for change word
- Type **'yes'** and then press enter/return to create a new line
- Type **'IPV6ADDR=' + 'yourIPv6address' + '/yourIPv6prefixlength'**, then press enter/return
- Type **'IPV6\_DEFAULTGW=' + 'yourIPv6gateway'**, then press enter/return
- Press the **'esc'** button, then enter **':wq!'** to write and quit vi editor
- Verify the changes have been saved: **'cat /etc/sysconfig/network-scripts/ifcfg-eth0'**
- Below is an example.

```
[root@CUCSD-I-5_4_0_0 ~]# cat /etc/sysconfig/network-scripts/ifcfg-eth0
DEVICE=eth0
BOOTPROTO=static
ONBOOT=yes
IPADDR=172.17.80.120
GATEWAY=172.17.80.1
NETMASK=255.255.255.0
TYPE=Ethernet
PEERDNS=yes
USERCTL=no
IPV6INIT=yes
IPV6ADDR=2d00:4888:a60e:0080:c0:fe0::c120/64
IPV6_DEFAULTGW=2d00:4888:a60e:0080::22
[root@CUCSD-I-5_4_0_0 ~]#
```

- Restart the Network Services: **'service network restart'**

```
[root@CUCSD-I-5_4_0_0 ~]# service network restart
shutting down interface eth0: [ OK ]
shutting down loopback interface: [ OK ]
Bringing up loopback interface: [ OK ]
Bringing up interface eth0: Determining if ip address 172.17.80.120 is already in use for device eth0...
[ OK ]
[root@CUCSD-I-5_4_0_0 ~]#
```

- Test Connectivity by pinging the IPv6 default gateway and it's own IPv6 address. **'ping6 -c 5 yourIPv6address'**

```
[root@CUCSD-I-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080::22
PING 2d00:4888:a60e:0080::22(2d00:4888:a60e:80::22) 56 data bytes
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=1 ttl=64 time=1.84 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=2 ttl=64 time=0.328 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=3 ttl=64 time=0.364 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=4 ttl=64 time=0.331 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=5 ttl=64 time=0.394 ms

--- 2d00:4888:a60e:0080::22 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4002ms
rtt min/avg/max/mdev = 0.328/0.653/1.849/0.598 ms
[root@CUCSD-I-5_4_0_0 ~]#
[root@CUCSD-I-5_4_0_0 ~]#
[root@CUCSD-I-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080:c0:fe0::c120
PING 2d00:4888:a60e:0080:c0:fe0::c120(2d00:4888:a60e:80:c0:fe0:c120) 56 data bytes
64 bytes from 2d00:4888:a60e:80:c0:fe0:c120: icmp_seq=1 ttl=64 time=0.038 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c120: icmp_seq=2 ttl=64 time=0.077 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c120: icmp_seq=3 ttl=64 time=0.085 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c120: icmp_seq=4 ttl=64 time=0.042 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c120: icmp_seq=5 ttl=64 time=0.082 ms

--- 2d00:4888:a60e:0080:c0:fe0::c120 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 3999ms
rtt min/avg/max/mdev = 0.038/0.064/0.085/0.022 ms
[root@CUCSD-I-5_4_0_0 ~]#
```

### 3. Add IPv6 Address/Gateway to Monitoring Database Node

SSH to the Monitoring Database Node and log in using the root account.

- Open vi editor for eth0: `'vi /etc/sysconfig/network-scripts/ifcfg-eth0'`
- Cursor down to the `'IPV6INIT=no'` and put your cursor to the letter n: enter `'cw'` for change word
- Type `'yes'` and then press enter/return to create a new line
- Type `'IPV6ADDR=' + 'yourIPv6address' + '/yourIPv6prefixlength'`, then press enter/return
- Type `'IPV6_DEFAULTGW=' + 'yourIPv6gateway'`, then press enter/return
- Press the `'esc'` button, then enter `':wq!'` to write and quit vi editor
- Verify the changes have been saved: `'cat /etc/sysconfig/network-scripts/ifcfg-eth0'`
- Below is an example.

```
[root@CUCSD-M-5_4_0_0 ~]# cat /etc/sysconfig/network-scripts/ifcfg-eth0
DEVICE=eth0
BOOTPROTO=static
ONBOOT=yes
IPADDR=172.17.80.121
GATEWAY=172.17.80.1
NETMASK=255.255.255.0
TYPE=Ethernet
PEERDNS=yes
USERCTL=no
IPV6INIT=yes
IPV6ADDR=2d00:4888:a60e:0080:c0:fe0::c121/64
IPV6_DEFAULTGW=2d00:4888:a60e:0080::22
[root@CUCSD-M-5_4_0_0 ~]#
```

- Restart the Network Services: `'service network restart'`

```
[root@CUCSD-M-5_4_0_0 ~]# service network restart
Shutting down interface eth0: [ OK ]
shutting down loopback interface: [ OK ]
Bringing up loopback interface: [ OK ]
Bringing up interface eth0: Determining if ip address 172.17.80.121 is already in use for device eth0...
[ OK ]
[root@CUCSD-M-5_4_0_0 ~]#
```

- Test Connectivity by pinging the IPv6 default gateway and it's own IPv6 address. `'ping6 -c 5 yourIPv6address'`

```
[root@CUCSD-M-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080::22
PING 2d00:4888:a60e:0080::22(2d00:4888:a60e:80::22) 56 data bytes
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=1 ttl=64 time=1.62 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=2 ttl=64 time=0.297 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=3 ttl=64 time=0.291 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=4 ttl=64 time=0.285 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=5 ttl=64 time=0.329 ms

--- 2d00:4888:a60e:0080::22 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4001ms
rtt min/avg/max/mdev = 0.285/0.564/1.622/0.529 ms
[root@CUCSD-M-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080:c0:fe0::c121
PING 2d00:4888:a60e:0080:c0:fe0::c121(2d00:4888:a60e:80:c0:fe0:c121) 56 data bytes
64 bytes from 2d00:4888:a60e:80:c0:fe0:c121: icmp_seq=1 ttl=64 time=0.040 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c121: icmp_seq=2 ttl=64 time=0.085 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c121: icmp_seq=3 ttl=64 time=0.084 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c121: icmp_seq=4 ttl=64 time=0.081 ms
64 bytes from 2d00:4888:a60e:80:c0:fe0:c121: icmp_seq=5 ttl=64 time=0.087 ms

--- 2d00:4888:a60e:0080:c0:fe0::c121 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4000ms
rtt min/avg/max/mdev = 0.040/0.075/0.087/0.019 ms
[root@CUCSD-M-5_4_0_0 ~]# █
```

## 4. Add IPv6 Address/Gateway to Service Node

SSH to the Service Node and log in using the root account.

- Open vi editor for eth0: **'vi /etc/sysconfig/network-scripts/ifcfg-eth0'**
- Cursor down to the **'IPV6INIT=no'** and put your cursor to the letter n: enter **'cw'** for change word
- Type **'yes'** and then press enter/return to create a new line
- Type **'IPV6ADDR=' + 'yourIPv6address' + '/yourIPv6prefixlength'**, then press enter/return
- Type **'IPV6\_DEFAULTGW=' + 'yourIPv6gateway'**, then press enter/return
- Press the **'esc'** button, then enter **':wq!'** to write and quit vi editor
- Verify the changes have been saved: **'cat /etc/sysconfig/network-scripts/ifcfg-eth0'**
- Below is an example.

```
[root@CUCSD-S-5_4_0_0 ~]# cat /etc/sysconfig/network-scripts/ifcfg-eth0
DEVICE=eth0
BOOTPROTO=static
ONBOOT=yes
IPADDR=172.17.80.122
GATEWAY=172.17.80.1
NETMASK=255.255.255.0
TYPE=Ethernet
PEERDNS=yes
USERCTL=no
IPV6INIT=yes
IPV6ADDR=2d00:4888:a60e:0080:c0:fef::c122/64
IPV6_DEFAULTGW=2d00:4888:a60e:0080::22
[root@CUCSD-S-5_4_0_0 ~]#
```

- Restart the Network Services: **'service network restart'**

```
[root@CUCSD-S-5_4_0_0 ~]# service network restart
Shutting down interface eth0: [ OK ]
Shutting down loopback interface: [ OK ]
Bringing up loopback interface: [ OK ]
Bringing up interface eth0: Determining if ip address 172.17.80.122 is already in use for device eth0...
[ OK ]
[root@CUCSD-S-5_4_0_0 ~]#
```

- Test Connectivity by pinging the IPv6 default gateway and it's own IPv6 address. **'ping6 -c 5 yourIPv6address'**

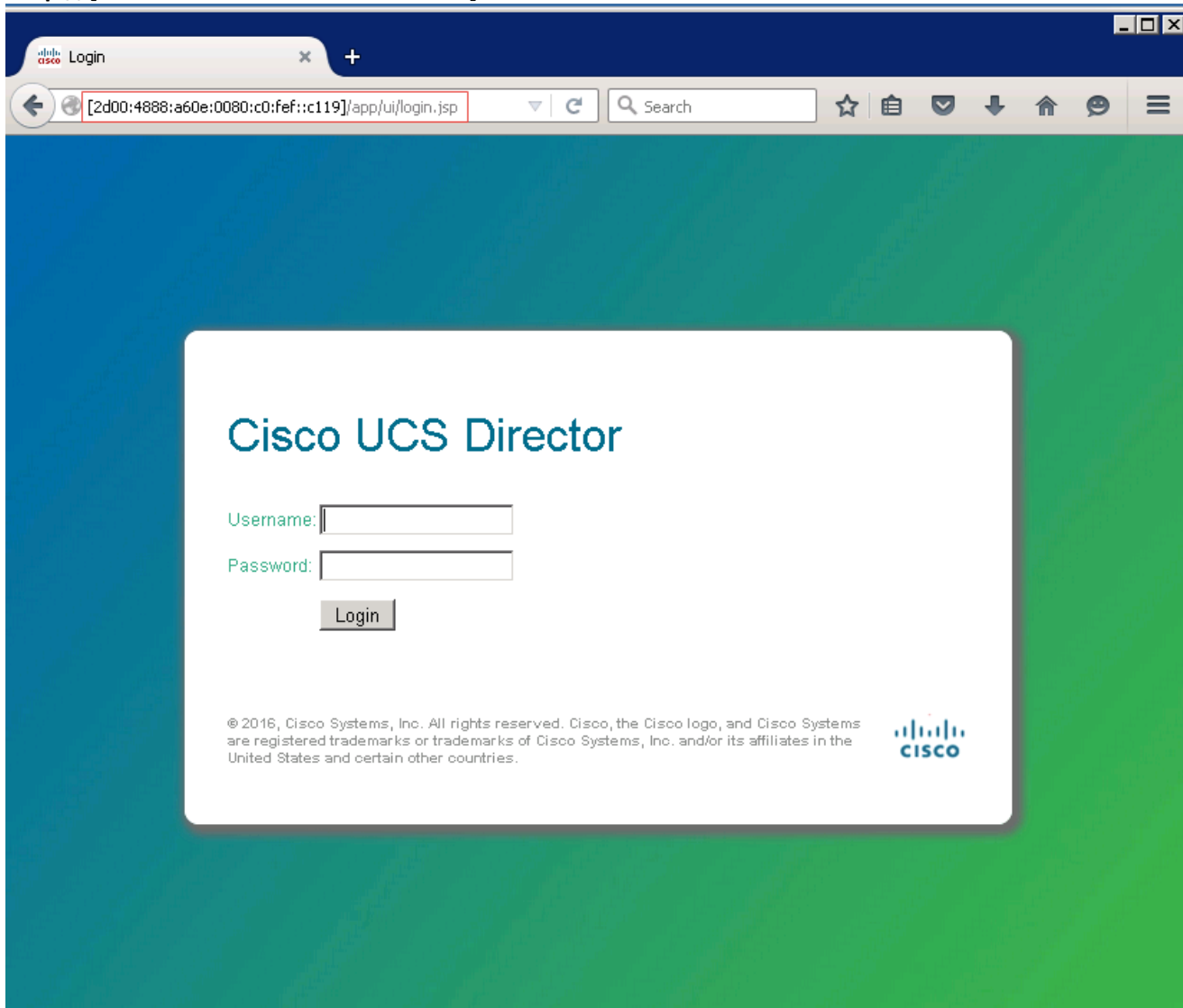
```
[root@CUCSD-S-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080::22
PING 2d00:4888:a60e:0080::22(2d00:4888:a60e:80::22) 56 data bytes
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=1 ttl=64 time=1.62 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=2 ttl=64 time=0.324 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=3 ttl=64 time=0.307 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=4 ttl=64 time=0.362 ms
64 bytes from 2d00:4888:a60e:80::22: icmp_seq=5 ttl=64 time=0.348 ms

--- 2d00:4888:a60e:0080::22 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4002ms
rtt min/avg/max/mdev = 0.307/0.594/1.629/0.517 ms
[root@CUCSD-S-5_4_0_0 ~]#
[root@CUCSD-S-5_4_0_0 ~]# ping6 -c 5 2d00:4888:a60e:0080:c0:fef::c122
PING 2d00:4888:a60e:0080:c0:fef::c122(2d00:4888:a60e:80:c0:fef:0:c122) 56 data bytes
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c122: icmp_seq=1 ttl=64 time=0.041 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c122: icmp_seq=2 ttl=64 time=0.091 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c122: icmp_seq=3 ttl=64 time=0.123 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c122: icmp_seq=4 ttl=64 time=0.055 ms
64 bytes from 2d00:4888:a60e:80:c0:fef:0:c122: icmp_seq=5 ttl=64 time=0.056 ms

--- 2d00:4888:a60e:0080:c0:fef::c122 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4000ms
rtt min/avg/max/mdev = 0.041/0.073/0.123/0.030 ms
[root@CUCSD-S-5_4_0_0 ~]# █
```

## 5. Test Connectivity to the UCS Director GUI

Open Firefox or Internet Explorer and paste your Primary Node IPv6 address between '[' brackets. Example: 'http://[2d00:4888:a60e:0080:c0:fe0::c119]'



## 6. Optional - Configure UCSM Dual-Stack

Configure the UCSM VIP IPv6 Address, Fabric Interconnect A/B IPv6 Addresses, Prefix and IPv6 Gateway. Login the UCSM GUI and Navigate to Admin -> All -> Communication Management -> select **'Management Interfaces'**.

- Under 'Virtual IP' Section: enter **'yourIPv6 address'** for the 'IPv6 Address' field
- Under 'Fabric Interconnect A' section: select IPv6 tab, enter **'yourIPv6address'**, 'prefix' and **'yourIPv6gateway'**
- Under 'Fabric Interconnect B' section: select IPv6 tab, enter **'yourIPv6address'**, 'prefix' and **'yourIPv6gateway'**
- Click **'Save Changes'**

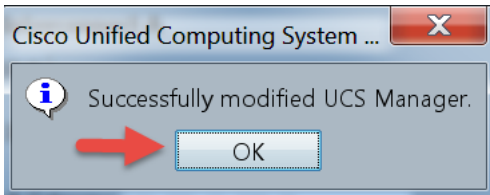
The screenshot displays the Cisco Unified Computing System Manager (UCSM) GUI. The left sidebar shows the navigation tree with 'Management Interfaces' selected. The main content area is titled 'Management Interfaces' and contains three sections: 'Virtual IP', 'Fabric Interconnect A', and 'Fabric Interconnect B'. The 'Virtual IP' section shows the IPv4 Address (172.17.85.39) and IPv6 Address (2d00:4888:a60e:0080:c0:fef::c039). The 'Fabric Interconnect A' section shows the IPv6 tab selected, with IP Address (2d00:4888:a60e:0080:c0:fef::c040), Prefix (64), and Default Gateway (2d00:4888:a60e:0080::22). The 'Fabric Interconnect B' section shows the IPv6 tab selected, with IP Address (2d00:4888:a60e:0080:c0:fef::c041), Prefix (64), and Default Gateway (2d00:4888:a60e:0080::22). The 'Save Changes' button is highlighted with a red arrow.

Select **'Yes'** when prompted with do you want to continue.

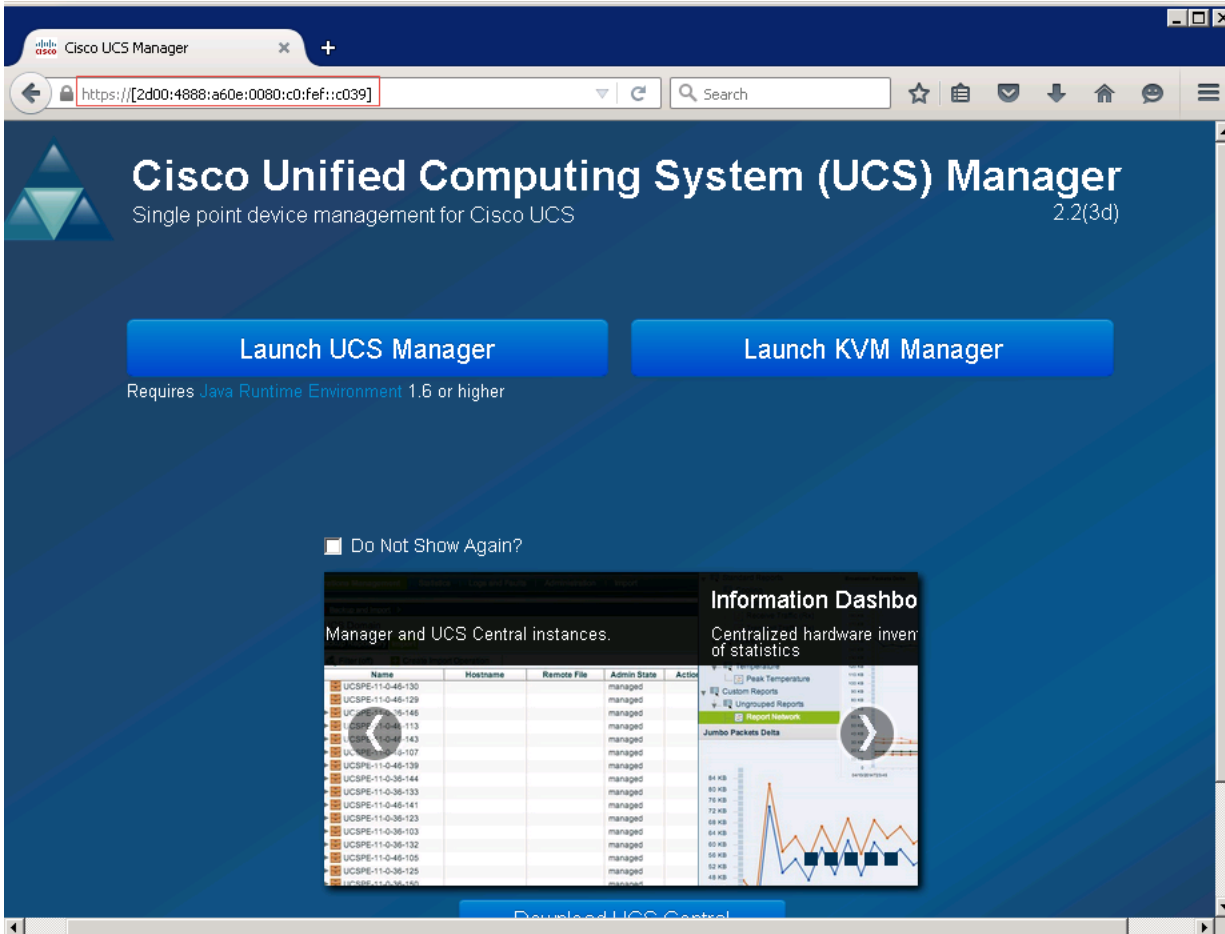
The screenshot shows a 'Save Changes' dialog box with a warning icon and the text 'This change may disconnect UCS Manager, do you want to continue?'. The 'Yes' button is highlighted with a red arrow.



Select 'OK'.

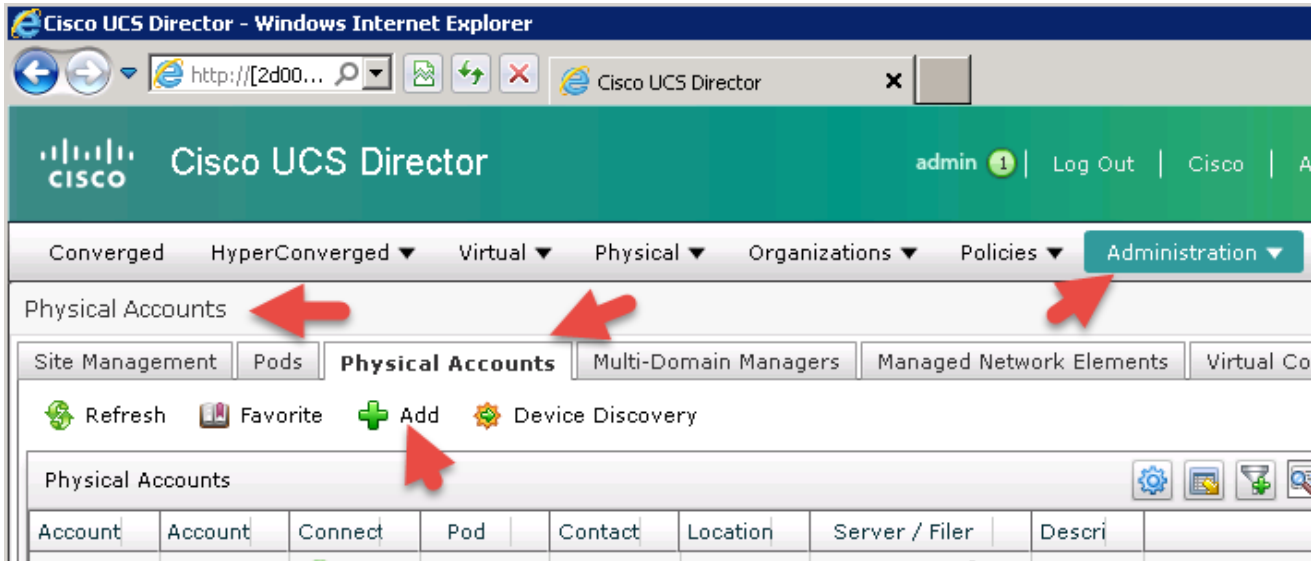


Open Firefox or Internet Explorer and paste your UCSM IPv6 address between '['] brackets. Example: 'http://[2d00:4888:a60e:0080:c0:fe:f::c039]'



## 7. Add IPv6 UCSM Physical Account to UCSD

Open Firefox or Internet Explorer and paste your Primary Node IPv6 address between '[' brackets. Example: 'http://[2d00:4888:a60e:0080:c0:fe0::c119]'. Go to Administration -> Physical Accounts -> Physical Accounts -> click 'Add'.



Drop down and select 'yourPOD' for the Pod, 'Computing' for the Category, 'UCSM' for Account Type and click 'Submit'.

The 'Add Account' form is shown with the following fields: Pod (RCDN5-LAB), Category (Computing), and Account Type (UCSM). Red arrows point to each of these dropdown menus. At the bottom, there are 'Submit' and 'Close' buttons, with a red arrow pointing to the 'Submit' button.

Enter an Account Name, enter 'yourUCSMIPv6Address' for Server Address, select 'Use Credential Policy' check box, drop down and select your UCSM Credential Policy and click 'Add'.

The 'Add Account' form is shown with the following fields: Pod (RCDN5-LAB), Category (Computing), Account Type (UCSM), Account Name (UCSM-POD5), Server Address (2d00:4888:a60e:0080:c0:fe0::c039), Use Credential Policy (checked), Credential Policy (UCSM Credential Policy), Description, Contact Email, Location, and Service Provider. Red arrows point to the 'Use Credential Policy' checkbox and the 'Add' button at the bottom.

Click 'OK'.

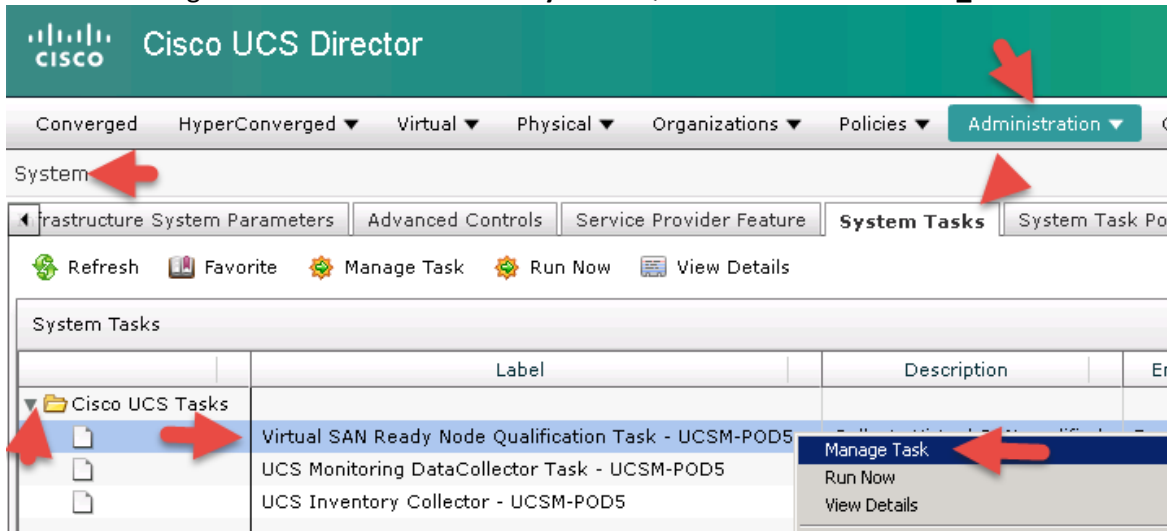
**Submit Result**

Account added successfully.



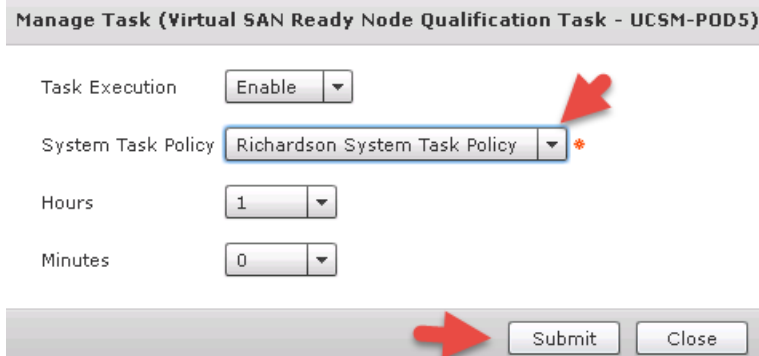
## 8. Assign System Policy to UCSM-POD5 System Task

Assign Richardson System Policy to UCSM System Task. Go to Administration -> System -> Service Tasks -> expand 'Cisco UCS Tasks' -> right click on 'Virtual SAN Ready Node Qualification Task - UCSM-POD5' and select 'Manage Task'.



The screenshot shows the Cisco UCS Director interface. The top navigation bar includes 'Administration' and 'System'. The 'System' menu is expanded to show 'System Tasks'. Under 'System Tasks', the 'Cisco UCS Tasks' folder is expanded, and the 'Virtual SAN Ready Node Qualification Task - UCSM-POD5' is selected. A context menu is open over this task, with 'Manage Task' highlighted. Red arrows indicate the navigation path.

Drop down and select the 'Richardson System Task Policy' and click 'Submit'.



The screenshot shows the 'Manage Task' configuration page for 'Virtual SAN Ready Node Qualification Task - UCSM-POD5'. The 'Task Execution' dropdown is set to 'Enable'. The 'System Task Policy' dropdown is set to 'Richardson System Task Policy'. The 'Hours' field is set to '1' and the 'Minutes' field is set to '0'. At the bottom, there are 'Submit' and 'Close' buttons. Red arrows point to the 'Richardson System Task Policy' dropdown and the 'Submit' button.

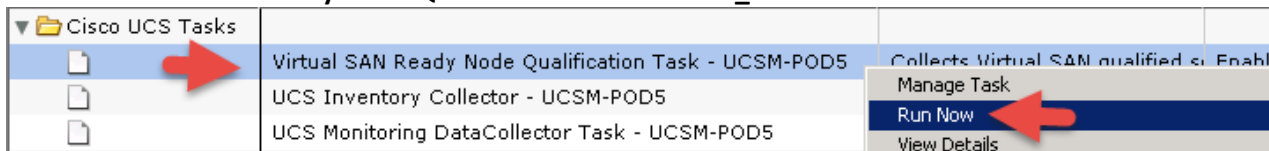
Click 'OK'.

**Submit Result**

Task details updated successfully



Run the 'Virtual SAN Ready Node Qualification Task - UCSM-POD5' task.




The screenshot shows the Cisco UCS Director interface. The 'Cisco UCS Tasks' folder is expanded, and the 'Virtual SAN Ready Node Qualification Task - UCSM-POD5' is selected. A context menu is open over this task, with 'Run Now' highlighted. Red arrows indicate the navigation path.

Click **'Submit'**.

**Run Now**


Are you sure you want to run task 'UcsVSANPoolServersTask:UCSM-POD5' now?




Click **'OK'**.


**Submit Result**

Task is scheduled to run immediately



Right click on **'UCS Inventory Collector – UCSM\_POD5'** and select **'Manage Task'**.


▼ Cisco UCS Tasks		
	UCS Inventory Collector - UCSM-POD5	Collects the inventory
	UCS Monitoring DataCollector Task - UCSM	
	Virtual SAN Ready Node Qualification Task	

- Manage Task 
- Run Now
- View Details

Drop down and select the **'Richardson System Task Policy'** and click **'Submit'**.


**Manage Task (UCS Inventory Collector - UCSM-POD5)**

Task Execution

System Task Policy   \*

Hours


Minutes




Click **'OK'**.


**Submit Result**

Task details updated successfully

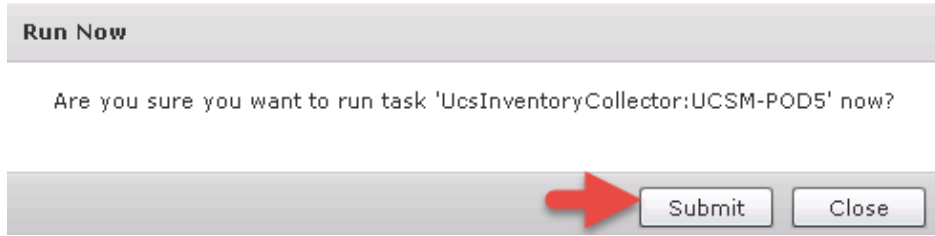


Run the **'UCS Inventory Collector – UCSM\_POD5'** task.

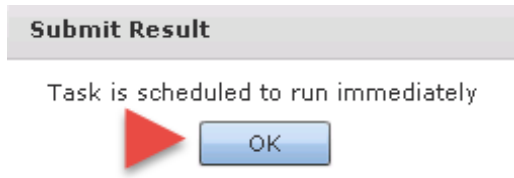
▼ Cisco UCS Tasks		
	UCS Inventory Collector - UCSM-POD5	Collects the inventory
	UCS Monitoring DataCollector Task - UCSM	
	Virtual SAN Ready Node Qualification Task	

- Manage Task
- Run Now 
- View Details

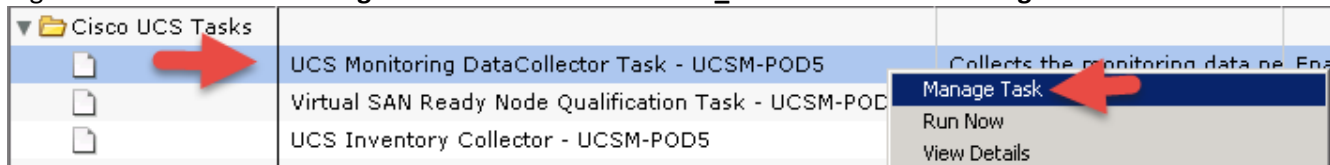
Click **'Submit'**.



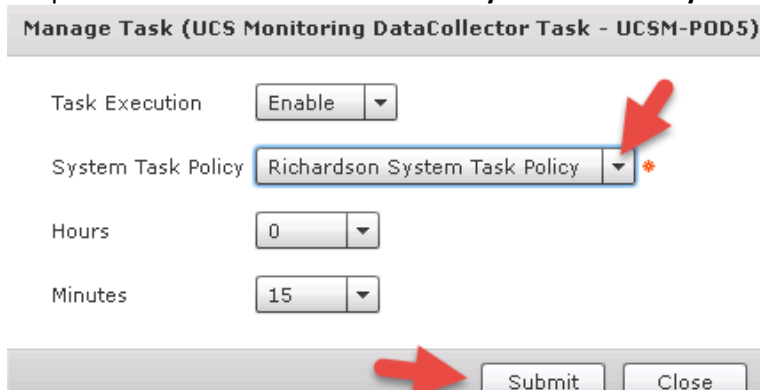
Click **'OK'**.



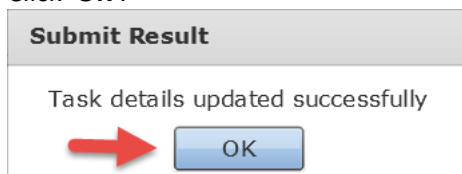
Right click on **'UCS Monitoring DataCollector Task – UCSM\_POD5'** and select **'Manage Task'**.



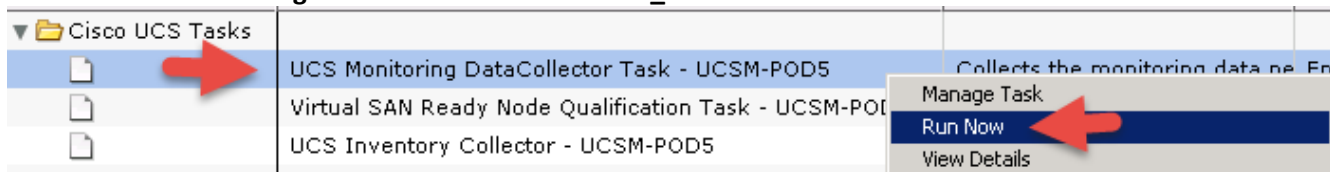
Drop down and select the **'Richardson System Task Policy'** and click **'Submit'**.



Click **'OK'**.



Run the **'UCS Monitoring DataCollector Task – UCSM\_POD5'** task.



Click 'Submit'

Run Now

Are you sure you want to run task 'UcsMonitoringDataCollectorTask:UCSM-POD5' now?

Submit

Close

Click 'OK'.

Submit Result

Task is scheduled to run immediately

OK

Verify all UCSM System Task ran on the Service Node. Notice the Execution Node Name column has 'CUCSD-S1-5\_4\_0\_0' which is the service node in my Richardson Service Node Pool.

Cisco UCS Director

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	Label	Description	Enabled	Frequenc	Execution Node Na	Execution Noi	Ei
▼ Cisco UCS Tasks							
📄	Virtual SAN Ready Node Qualification Task - UCSM-POD5	Collects Virtual SAN qualified s	Enabled	1 hour	CUCSD-S1-5_4_0_0	172.17.80.122	OK
📄	UCS Inventory Collector - UCSM-POD5	Collects the inventory periodic	Enabled	1 hour	CUCSD-S1-5_4_0_0	172.17.80.122	OK
📄	UCS Monitoring DataCollector Task - UCSM-POD5	Collects the monitoring data pe	Enabled	15 minutes	CUCSD-S1-5_4_0_0	172.17.80.122	OK