

# Configure UCS Central 2.0 PCIE Placement /VCON

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## Introduction

This document describes how to configure placement policy and map vNIC/vHBA to the VCON.

## Prerequisites

## Requirements

There are no specific requirements for this document.

## Components Used

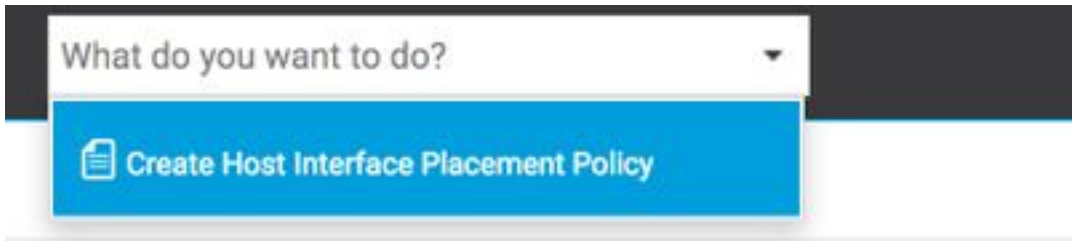
The information in this document is based on these hardware versions:

- UCS Central 2.0(1a)
- All devices used are lab devices

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Procedure

Step 1. As shown in the image, under the action bar, choose **Create a Host Interface Placement Policy**.



Step 2. Specify the required configuration under the placement policy.

It can be one of these:

Linear Ordered -The virtual slots are assigned in order.

Round Robin -The virtual slots are assigned sequentially.

All - All configured vNICs and vHBAs can be assigned. This is the default.

Assigned Only - vNICs and vHBAs must be explicitly assigned.

Exclude Dynamic - Dynamic vNICs and vHBAs cannot be assigned.

Exclude Unassigned - Unassigned vNICs and vHBAs cannot be assigned.

Exclude usNIC - usNIC vNICs cannot be assigned.

## Host Interface Placement Policy Create

Organization

root

Name \*

test

Description

Virtual Slot Mapping Scheme

Linear Ordered

Round Robin

Virtual Slot 1 Selection Preference

all

Virtual Slot 2 Selection Preference

all

Virtual Slot 3 Selection Preference

all

Virtual Slot 4 Selection Preference

all

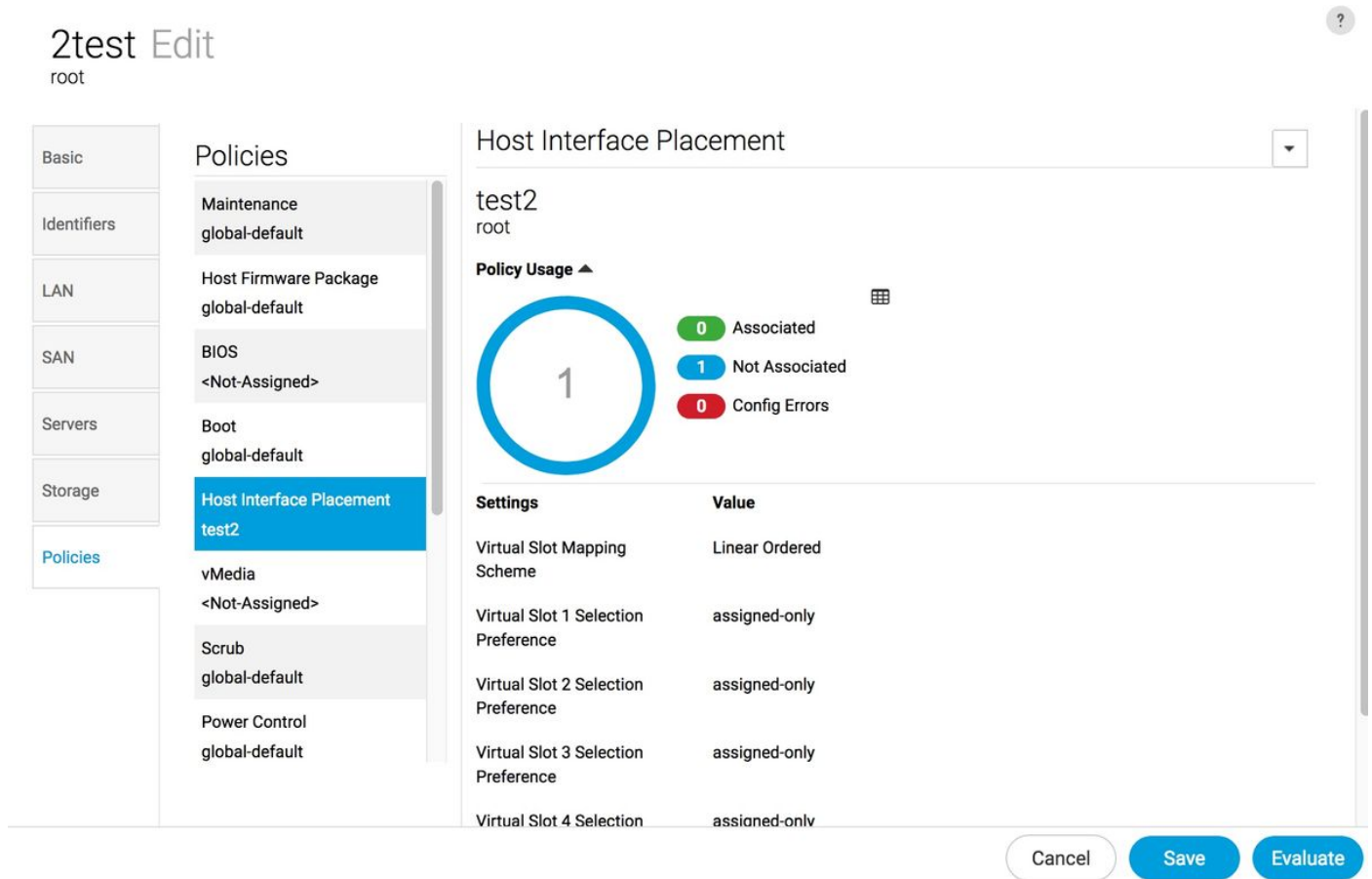
Cancel

Create

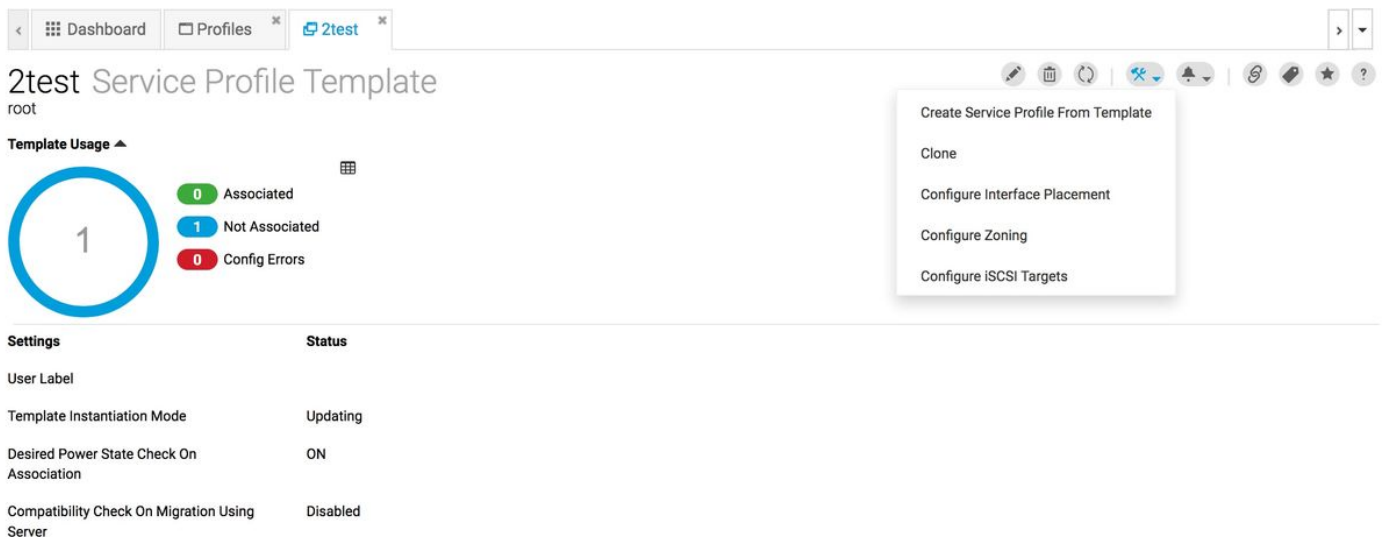
Evaluate

Step 3. In order to map the configured policy, under service profile/service profile template,

navigate to **Edit options > Policies > Host Interface Placement test2**, as shown in the image:



Step 4. Under service profile/service profile template, click on **Tools** icon and choose **Configure Interface Placement**, as shown in the image:



Step 5. Configure the required options

Choose if **Manual interface placement** to be Enabled/Disabled.

Add the **vNICs** and configure host port if needed.

**Preference**, choose the **Virtual Slot Selection Preference** for each virtual slot.

It can be one of these:

All- All configured vNICs and vHBAs can be assigned. This is the default.

Assigned Only - vNICs and vHBAs must be explicitly assigned.

Exclude Dynamic - Dynamic vNICs and vHBAs cannot be assigned.

Exclude Unassigned - Unassigned vNICs and vHBAs cannot be assigned.

Exclude usNIC - usNIC vNICs cannot be assigned.

## 2test Configure Host Interface Placement

root

Manual Interface Placement Enabled Disabled

vCON 1 vCON 2 vCON 3 vCON 4

+

☒

↑

↓

vCON 1

nic

Properties

Admin Host Port

Any 1 2

Step 6. In PCI Order, click the up and down arrows to arrange the order.

**Note:** If Manual Interface Placement is enabled, the PCI order is read-only.

# 2test Configure Host Interface Placement

root

Placement	<b>Interfaces</b>	<b>PCI Order</b>	<b>Admin Host Port</b>
Preference	nic	Unspecified	1
PCI Order	nic1	Unspecified	2

## Related Information

- [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/ucs-central/GUI-User-Guides/Storage-Mgmt/2-0/b\\_CiscoUCSCentral\\_StorageManagementGuide-2-0/b\\_CiscoUCSCentral\\_StorageManagementGuide-2-0\\_chapter\\_0100.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-central/GUI-User-Guides/Storage-Mgmt/2-0/b_CiscoUCSCentral_StorageManagementGuide-2-0/b_CiscoUCSCentral_StorageManagementGuide-2-0_chapter_0100.html)
- [https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/ucs-central/GUI-User-Guides/Server-Mgmt/2-0/b\\_CiscoUCSCentral\\_ServerManagementGuide-2-0/b\\_CiscoUCSCentral\\_ServerManagementGuide-2-0\\_chapter\\_0100.html](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-central/GUI-User-Guides/Server-Mgmt/2-0/b_CiscoUCSCentral_ServerManagementGuide-2-0/b_CiscoUCSCentral_ServerManagementGuide-2-0_chapter_0100.html)
- [Technical Support & Documentation - Cisco Systems](#)