

### Fault Summary

1 Critical, 1 Major, 0 Minor, 4 Warning

Equipment Servers LAN SAN VM Admin

Filter: All

- UCS-ESXI-04
- UCS-ESXI-05
- UCS-ESXI-06
- UCS-ESXI-07
- Sub-Organizations
  - TEST-ORG-4-MSHV
    - SRIOV-4-MSHV
- Service Profile Templates
  - root
    - Service Template UCS-ESXI-BLADE
    - Sub-Organizations
      - TEST-ORG-4-MSHV
- Policies
  - root
    - Adapter Policies
    - BIOS Defaults
    - BIOS Policies
    - Boot Policies
    - Host Firmware Packages
    - IPMI Access Profiles
    - Local Disk Config Policies
    - Maintenance Policies
    - Management Firmware Packages
    - Power Control Policies
    - Scrub Policies
    - Serial over LAN Policies
    - Server Pool Policies
    - Server Pool Policy Qualifications
    - Threshold Policies
    - iSCSI Authentication Profiles
    - vNIC/vHBA Placement Policies
    - Sub-Organizations
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      - Server Pool SRIOV-TST
        - Server 1/1
        - Server 1/2
      - Server Pool UCS-B200-M2

Filter Export Print Hide Fault Details Show: All [Icons]

Severity	Code	ID	Affected object	Cause	Last Transition	Description
Warning	F16995	1343477	org-root/org-TES...	apply-te...	2013-11-14T09:31:01	[FSM:STAGE:FAILED]: Applying configuration template (FSM-STAGE:sam:dme:LsServerConfigure:ApplyTemplate)
Critical	F1000035	1343479	org-root/org-TES...	fsm-failed	2013-11-14T09:31:01	[FSM:FAILED]: Configuring Service Profile SRIOV-4-MSHV(FSM:sam:dme:LsServerConfigure)
Major	F0327	1343480	org-root/org-TES...	configura...	2013-11-14T09:31:01	Service profile SRIOV-4-MSHV configuration failed due to dynamic-vf-vnic,insufficient-resources
Warning	F0334	1343481	org-root/org-TES...	unassocia...	2013-11-14T09:31:01	Service profile SRIOV-4-MSHV is not associated

critical major minor warning info condition cleared flapping soaking suppressed

### Details

#### Summary

Severity: **Major**  
Last Transition: **2013-11-14T09:31:01**

#### Actions

✓ Acknowledge Fault

#### Properties

Affected object: **org-root/org-TEST-ORG-4-MSHV/ls-SRIOV-4-MSHV**  
Description: **Service profile SRIOV-4-MSHV configuration failed due to dynamic-vf-vnic,insufficient-resources**  
ID: **1343480** Type: **server**  
Cause: **configuration-failure** Created at: **2013-11-14T09:31:01**  
Code: **F0327** Number of Occurrences: **1**  
Original severity: **Major**  
Previous severity: **Major** Highest severity: **Major**

Save Changes Reset Values

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New Options Pending Activities Exit

Servers > Service Profiles > root > Sub-Organizations > TEST-ORG-4-MSHV > Service Profile SRIOV-4-MSHV

General Storage Network iSCSI vNICs Boot Order Virtual Machines FC Zones Policies Server Details CIMC Sessions FSM VIF Paths Faults Events

### Fault Summary

1 (Critical) 1 (Warning) 0 (Error) 2 (Info)

### Status

Overall Status: **Config Failure**

Status Details

### Actions

- Set Desired Power State
- Change Initial Power State
- KVM Console
- SSH to CIMC for Sol
- Rename Service Profile
- Create a Clone
- Create a Service Profile Template
- Disassociate Service Profile
- Change Service Profile Association
- Unbind from the Template
- Bind to a Template
- Change Maintenance Policy
- Change UUID
- Reset UUID
- Change Management IP Address
- Reset Management IP Address
- Modify vNIC/vHBA Placement
- Start Fault Suppression

### Properties

Name: **SRIOV-4-MSHV**

User Label:

Description:

Owner: **Local**

UUID: **derived**

UUID Pool: **default**

UUID Pool Instance:

Associated Server:

Service Profile Template:

Template Instance:

#### Assigned Server or Server Pool

Nothing Selected

#### Management IP Address

Management IP Address Policy: **None**

#### Maintenance Policy

Name: **default**

Maintenance Policy Instance: [org-root/maint-default](#)

Description: **User Acknowledge**

Reboot Policy: **User Ack**

Save Changes Reset Values

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Navigation: Servers > Service Profiles > root > Sub-Organizations > TEST-ORG-4-MSHV > Service Profile SRIOV-4-MSHV

Service Profile SRIOV-4-MSHV

General Storage Network iSCSI vNICs Boot Order Virtual Machines FC Zones Policies Server Details CIMC Sessions FSM VIF Paths Faults Events

### vHBA Initiator Groups

**Actions**

- Change World Wide Node Name
- Change Local Disk Configuration Policy
- Modify vNIC/vHBA Placement
- Reset WWNN Address

**World Wide Node Name**

World Wide Node Name: **20:00:00:25:B5:AB:20:01**  
WWNN Pool: **SRIOV-4-MSHV-WWNN**  
WWNN Pool Instance: [org-root/wwn-pool-SRIOV-4-MSHV-WWNN](#)

**Local Disk Configuration Policy**

Local Disk Policy: **default**  
Local Disk Policy Instance: [org-root/local-disk-config-default](#)

**SAN Connectivity Policy**

SAN Connectivity Policy: **<not set>**  
SAN Connectivity Policy Instance: [Create SAN Connectivity Policy](#)

### vHBAs

Filter Export Print

Name	WWPN	Desired Order	Actual Order	Fabric ID	Desired Placement	Actual Placement
vHBA fc0	20:00:00:25:B5:0A:20:03	3	Unspecified	A	Any	Any
vHBA fc1	20:00:00:25:B5:0B:20:02	4	Unspecified	B	Any	Any

Delete Add Modify

Save Changes Reset Values

**Fault Summary**

✖ 1
 ⚠ 1
 ⚠ 0
 ✔ 4

Equipment Servers LAN SAN VM Admin

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New Options Pending Activities Exit

Servers > Service Profiles > root > Sub-Organizations > TEST-ORG-4-MSHV > Service Profile SRIOV-4-MSHV

General Storage Network iSCSI vNICs Boot Order Virtual Machines FC Zones Policies Server Details CIMC Sessions FSM VIF Paths Faults Events

**Actions**

- Change Dynamic vNIC Connection Policy
- Modify vNIC/vHBA Placement

**Dynamic vNIC Connection Policy**

**Global vNIC Connection Policy**

Name: **SR-IOV**

Dynamic vNIC Connection Instance: [org-root/org-TEST-ORG-4-MSHV/dynamic-con-SR-IOV](#)

Number of Dynamic vNICs: **12**

Adapter Policy: **Windows**

**vNIC/vHBA Placement Policy**

Nothing Selected

**LAN Connectivity Policy**

LAN Connectivity Policy:

LAN Connectivity Policy Instance:

[+ Create LAN Connectivity Policy](#)

**vNICs**

Filter Export Print

Name	MAC Address	Desired Order	Actual Order	Fabric ID	Desired Placement	Actual Placement
vNIC eth1	Derived	2	Unspecified	B A	Any	Any
vNIC eth0	Derived	1	Unspecified	A B	Any	Any
vNIC dynamic-prot-012	Derived	15	Unspecified	B A	Any	Any
vNIC dynamic-prot-011	Derived	14	Unspecified	A B	Any	Any
vNIC dynamic-prot-010	Derived	13	Unspecified	B A	Any	Any
vNIC dynamic-prot-009	Derived	12	Unspecified	A B	Any	Any
vNIC dynamic-prot-008	Derived	11	Unspecified	B A	Any	Any
vNIC dynamic-prot-007	Derived	10	Unspecified	A B	Any	Any
vNIC dynamic-prot-006	Derived	9	Unspecified	B A	Any	Any
vNIC dynamic-prot-005	Derived	8	Unspecified	A B	Any	Any
vNIC dynamic-prot-004	Derived	7	Unspecified	B A	Any	Any
vNIC dynamic-prot-003	Derived	6	Unspecified	A B	Any	Any
vNIC dynamic-prot-002	Derived	5	Unspecified	B A	Any	Any
vNIC dynamic-prot-001	Derived	4	Unspecified	A B	Any	Any

Delete + Add Modify

Save Changes Reset Values

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New Options Pending Activities Exit

Servers > Service Profiles > root > Sub-Organizations > TEST-ORG-4-MSHV > Service Profile SRIOV-4-MSHV

General Storage Network iSCSI vNICs **Boot Order** Virtual Machines FC Zones Policies Server Details CIMC Sessions FSM VIF Paths Faults Events

### Actions

Modify Boot Policy

### Global Boot Policy

Name: **default**  
Boot Policy Instance: [org-root/boot-policy-default](#)  
Description:  
Reboot on Boot Order Change: **No**  
Enforce vNIC/vHBA/iSCSI Name: **No**

**WARNINGS:**  
The type (primary/secondary) does not indicate a boot order presence.  
The effective order of boot devices within the same device class (LAN/Storage/iSCSI) is determined by PCIe bus scan order.  
If **Enforce vNIC/vHBA/iSCSI Name** is selected and the vNIC/vHBA/iSCSI does not exist, a config error will be reported.  
If it is not selected, the vNICs/vHBAs/iSCSI are selected if they exist, otherwise the vNIC/vHBA/iSCSI with the lowest PCIe bus scan order is used.

### Boot Order

Name	Order	vNIC/vHBA/iSCSI vNIC	Type	Lun ID	WWN
Storage	1				
Local Disk					
LAN	2				
LAN default		default	Primary		
CD-ROM	3				
Floppy	4				

Create iSCSI vNIC Set iSCSI Boot Parameters

Save Changes Reset Values

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1 1 0 4

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New Options Pending Activities Exit

Servers > Service Profiles > root > Sub-Organizations > TEST-ORG-4-MSHV > Service Profile SRIOV-4-MSHV

General Storage Network iSCSI vNICs Boot Order Virtual Machines FC Zones Policies Server Details CIMC Sessions FSM VIF Paths Faults Events

### Actions

- Change Serial over LAN Policy

### Policies

#### BIOS Policy

BIOS Policy: SRIOV + Create BIOS Policy

BIOS Policy Instance: org-root/bios-prof-SRIOV

#### Firmware Policies

#### IPMI Access Profile Policy

#### Power Control Policy

#### Scrub Policy

#### Serial over LAN Policy

#### Stats Policy

Save Changes Reset Values

**Fault Summary**

1	1	0	4

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**WARNING**

This service profile is not associated with a server.  
Upon successful association, this tab will display information about the server.

Save Changes Reset Values

### Fault Summary

1 1 0 4

Equipment Servers LAN SAN VM Admin

Filter: All

- Fabric B
  - QoS System Class
  - LAN Pin Groups
  - Threshold Policies
  - VLAN Groups
  - VLANs
- Appliances
- Internal LAN
  - Internal Fabric A
  - Internal Fabric B
  - Threshold Policies
- Policies
  - Appliances
  - LAN Cloud
    - Threshold Policies
  - root
    - Default vNIC Behavior
    - Dynamic vNIC Connection Policies
    - Flow Control Policies
    - LAN Connectivity Policies
    - Multicast Policies
    - Network Control Policies
    - QoS Policies
    - Threshold Policies
    - vNIC Templates
    - Sub-Organizations
      - TEST-ORG-4-MSHV
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          - SR-IOV
        - LAN Connectivity Policies
        - Network Control Policies
        - QoS Policies
        - Threshold Policies
        - vNIC Templates
        - Sub-Organizations

- Pools
- root
  - IP Pools
  - MAC Pools
  - Sub-Organizations
- Traffic Monitoring Sessions

New Options Pending Activities Exit

LAN Policies root Sub-Organizations TEST-ORG-4-MSHV Dynamic vNIC Connection Policies SR-IOV

SR-IOV

General Events

#### Actions

- Delete
- Show Policy Usage
- Use Global

#### Properties

Name: **SR-IOV**

Description:

Owner: **Local**

Naming Prefix: **dynamic-**

Number of Dynamic vNICs:

Adapter Policy:

Protection:  Protected Pref A  Protected Pref B  Protected

Save Changes Reset Values



**Fault Summary**

1	1	0	4
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Equipment Servers LAN SAN VM Admin

Filter: ..

Navigation tree:

- All
  - Clusters
    - SRIOV-4-MSHV
      - Profile SR-IOV
      - default
    - Virtual Machines
  - Port Profiles
    - Port Profile SR-IOV
  - VMware

General VM LANs Virtual Machines Events

**Actions**

- Create Profile Client
- Modify VLANs
- Delete

**Properties**

Name: **SR-IOV**

Description:

QoS Policy:

Network Control Policy:

Max Ports:

Host Network IO Performance:  None  High Performance

Pin Group:

Save Changes Reset Values

