hypervisor events

ONTAP EMS reference

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hypervisor events

hypervisor.cpu events

hypervisor.cpu.count

Severity

ALERT

Description

This message occurs when the number of physical CPUs on the hypervisor are not sufficient for ONTAP® Select support.

Corrective Action

Add more CPUs to the ONTAP® Select hypervisor configuration.

Syslog Message

Insufficient number of CPUs on the hypervisor is: %d. ONTAP® Select requires: %d

Parameters

count (INT): Number of CPUs on the hypervisor.
minimum (INT): Minimum number of CPUs required on the hypervisor.

hypervisor.cpu.version

Severity

ALERT

Description

This message occurs when the hypervisor CPU type running ONTAP® Select is not supported. Supported types are the XEON E5 v3 or later.

Corrective Action

Move ONTAP® Select to a hypervisor with a supported CPU.

Syslog Message

Unsupported hypervisor CPU: %s

Parameters

version (STRING): Current version of the CPU.

hypervisor.guest events

hypervisor.guest.cpu

Severity

ALERT

Description

This message occurs when the hypervisor does not have a sufficient number of CPUs configured to support an ONTAP® Select guest.

Corrective Action

Configure the required number of CPUs in the hypervisor configuration to support an ONTAP® Select guest.

Syslog Message

Insufficient CPUs configured for the ONTAP® Select guest on the hypervisor: %d. %d CPUs are required.

Parameters

count (INT): Number of CPUs currently configured.
required (INT): Required number of CPUs to be configured.

hypervisor.guest.guests

Severity

ALERT

Description

This message occurs when the number of ONTAP® Select guests exceeds the recommended limit.

Corrective Action

Reduce the number of guests on the hypervisor to meet the requirements for ONTAP® Select.

Syslog Message

Unsupported number of ONTAP® Select guests on the hypervisor: %d. Maximum supported number of guests: %d.

Parameters

count (INT): Number of ONTAP® Select guests.
required (INT): Maximum number of ONTAP® Select guests.

hypervisor.guest.if.count

Severity

ALERT

Description

This message occurs when the hypervisor does not have a sufficient number of virtual network interfaces configured for the guest for ONTAP® Select support.

Corrective Action

Verify that enough virtual network interfaces are configured to meet the requirements for ONTAP® Select.

Syslog Message

Insufficient number of virtual network interfaces configured for the ONTAP® Select guest on the hypervisor: %d. %d interfaces are required.

Parameters

count (INT): Number of virtual network interfaces configured.
required (INT): Required number of virtual network interfaces to be configured.

hypervisor.guest.if.speed

Severity

ALERT

Description

This message occurs when the speed of the virtual network interface configured for the guest is not sufficient for ONTAP® Select support.

Corrective Action

Configured the speed of the virtual network interface to meet the required speed for ONTAP® Select support.

Syslog Message

The speed of interface %s configured for the ONTAP® Select guest on the hypervisor is insufficient: %s. Required speed: %s.

Parameters

name (STRING): Name of the virtual network interface.
speed (STRING): Speed of the configured virtual network interface.
required (STRING): Required speed of virtual network interface to be configured.

hypervisor.guest.if.status

Severity

ALERT

Description

This message occurs when a guest’s virtual network interface is not operational.

Corrective Action

The interface, port, or cabling needs to be investigated for faults. The interface must be "up" to meet the requirements for ONTAP® Select.

Syslog Message

Virtual network interface %s assigned to the ONTAP® Select guest is not operational. Current status: %s.

Parameters

name (STRING): Name of the virtual network interface.
status (STRING): Operational status of the virtual network interface.

hypervisor.guest.memory

Severity

ALERT

Description

This message occurs when the hypervisor does not have a sufficient amount of memory configured for the guest for ONTAP® Select support.

Corrective Action

Configure the required amount of memory in the hypervisor configuration to support an ONTAP® Select guest.

Syslog Message

Insufficient amount of memory configured for the ONTAP® Select guest on the hypervisor: %s. Required memory: %s.

Parameters

amount (STRING): Amount of memory configured.
required (STRING): Required amount of memory to be as configured.

hypervisor.hyperthreading events

hypervisor.hyperthreading

Severity

ALERT

Description

This message occurs when hyperthreading is enabled on the hypervisor. Hyperthreading must be disabled for ONTAP® Select support.

Corrective Action

Disable hyperthreading in the hypervisor configuration.

Syslog Message

Hyperthreading is enabled on the hypervisor, but it is not supported by ONTAP® Select.

Parameters

(None).

hypervisor.memory events

hypervisor.memory.size

Severity

ALERT

Description

This message occurs when the amount of memory installed on the hypervisor is not sufficient for ONTAP® Select support.

Corrective Action

Add more memory to the ONTAP® Select hypervisor configuration.

Syslog Message

Insufficient amount of memory on the hypervisor: %s. ONTAP® Select requires: %s of memory.

Parameters

size (STRING): Size of memory active on the hypervisor.
required (STRING): Size of memory required on the hypervisor.

hypervisor.phy events

hypervisor.phy.nic.count

Severity

ALERT

Description

This message occurs when the number of physical NICs on the hypervisor is not sufficient for ONTAP® Select support.

Corrective Action

Add NICs to the hypervisor configuration to meet the requirements for ONTAP® Select.

Syslog Message

Insufficient number of physical NICs on the hypervisor: %d. ONTAP® Select requires %d NICs.

Parameters

count (INT): Count of physical NICs active on the hypervisor.
required (INT): Required number of physical NICs for ONTAP® Select to run on the hypervisor.

hypervisor.phy.nic.mtu

Severity

ALERT

Description

This message occurs when the MTU of the physical network interface is not large enough for ONTAP® Select support.

Corrective Action

The MTU for the network interface needs to be configured to the required size in the hypervisor configuration to meet the requirements for ONTAP® Select.

Syslog Message

Physical interface %s on the hypervisor is configured with MTU: %d. ONTAP® Select requires an MTU of %d.

Parameters

name (STRING): Physical network interface name.
mtu (INT): MTU of the physical network interface.
required (INT): Required MTU of the physical network interface.

hypervisor.phy.nic.speed

Severity

ALERT

Description

This message occurs when the speed of the physical network interface is not sufficient for ONTAP® Select support.

Corrective Action

Check the cabling or negotiation for the port speed to meet the requirements for ONTAP® Select.

Syslog Message

Insufficient speed of physical network interface %s on the hypervisor: %s. ONTAP® Select requires %s.

Parameters

name (STRING): Physical network interface name.
speed (STRING): Current speed of the physical network interface in bps.
required (STRING): Required speed of the physical network interface in bps.

hypervisor.phy.nic.status

Severity

ALERT

Description

This message occurs when a physical network interface on the hypervisor is not operational.

Corrective Action

The interface, port, or cabling needs to be investigated for faults. The interface must be up to meet the requirements for ONTAP® Select.

Syslog Message

Physical network interface %s on the hypervisor is not operational. Current status: %s.

Parameters

name (STRING): Physical network interface name.
status (STRING): Opererational status of the physical network interface.

hypervisor.version events

hypervisor.version

Severity

ALERT

Description

This message occurs when the version of the hypervisor is not supported by ONTAP® Select.

Corrective Action

Move ONTAP® Select to a supported hypervisor version.

Syslog Message

Unsupported hypervisor version: %s. Supported versions: %s

Parameters

version (STRING): Current version of the hypervisor.
supported_versions (STRING): Supported versions of the hypervisor.

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