

Verifying OS Best Practice

Verifying HugePages Existence ...met  
Verifying Hardware Clock synchronization at shutdown ...met  
Verifying availability of port 8888 ...met  
Verifying Ethernet Jumbo Frames ...not met

Verifying Clusterware Best Practice

Verifying CSS misscount parameter ...met  
Verifying CSS reboottime parameter ...met  
Verifying CSS disktimeout parameter ...met

Verifying disk free space for Oracle Clusterware home "/u01/app/12.1.0/grid"...passed

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Summary of environment  
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Date (mm/dd/yyyy) : 02/07/2016  
Time (hh:mm:ss) : 05:38:33  
Cluster name : cluster1  
Clusterware version : 12.1.0.2.0  
Grid home : /u01/app/12.1.0/grid  
Grid User : grid  
Operating system : Linux3.8.13-118.2.2.el6uek.x86\_64

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System recommendations  
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Verification Check : Ethernet Jumbo Frames  
Verification Description : Checks if Jumbo Frames are configured on the system  
Verification Result : WARNING  
Verification Summary : Check for Ethernet Jumbo Frames failed  
Additional Details : A performance improvement can be seen with Jumbo Frames, check with your system and network administrator first and if possible, configure Jumbo Frames on interconnect. See reference for more detail specific to platform.  
References (URLs/Notes) : [http://docs.hp.com/en/AB290-90001/ch01s11.html?jumpid=reg\\_R1002\\_USEN](http://docs.hp.com/en/AB290-90001/ch01s11.html?jumpid=reg_R1002_USEN)  
<http://www.sun.com/products/networking/ethernet/jumbo/>  
[http://kbserver.netgear.com/kb\\_web\\_files/n101539.asp](http://kbserver.netgear.com/kb_web_files/n101539.asp)  
[http://www.cisco.com/en/US/products/hw/switches/ps700/products\\_configuration\\_example09186a008010edab.shtml](http://www.cisco.com/en/US/products/hw/switches/ps700/products_configuration_example09186a008010edab.shtml)  
<http://www.juniper.net/company/presscenter/pr/2005/pr-050815.html>  
<http://darkwing.uoregon.edu/~joe/jumbo-clean-gear.html>  
[http://www.dell.com/content/products/productdetails.aspx/pwcnt\\_2724?c=us&cs=04&l=en&s=bsd](http://www.dell.com/content/products/productdetails.aspx/pwcnt_2724?c=us&cs=04&l=en&s=bsd)

Node	Status	Expected Value	Actual Value
racnode2	FAILED	9000	eth2=1500
racnode1	FAILED	9000	eth2=1500

Verification Check : HugePages Existence  
Verification Description : Checks HugePages existence  
Verification Result : PASSED  
Verification Summary : Check for HugePages Existence passed

Node	Status	Expected Value	Actual Value
racnode1	PASSED	true	true
racnode2	PASSED	true	true

Verification Check : Hardware Clock synchronization at shutdown  
Verification Description : Checks whether Hardware Clock is synchronized with the system clock during system shutdown  
Verification Result : PASSED  
Verification Summary : Check for Hardware Clock synchronization at shutdown passed

Node	Status	Expected Value	Actual Value
racnode1	PASSED	HWCLOCKSYNC=1	HWCLOCKSYNC=1
racnode2	PASSED	HWCLOCKSYNC=1	HWCLOCKSYNC=1

Verification Check : availability of port 8888  
Verification Description : availability of port 8888  
Verification Result : PASSED  
Verification Summary : Check for availability of port 8888 passed

Node	Status	Expected Value	Actual Value
racnode1	PASSED	true	true
racnode2	PASSED	true	true

Clusterware recommendations

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Verification Check : CSS misscount parameter  
Verification Description : Checks if the CSS misscount is set correctly on the system  
Verification Result : PASSED  
Verification Summary : Check for CSS misscount parameter passed  
Additional Details : The CSS misscount parameter represents the maximum time, in seconds, that a network heartbeat can be missed before entering into a cluster reconfiguration to evict the node  
References (URLs/Notes) : <https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=294430.1>

Node	Status	Expected Value	Actual Value
racnode1	PASSED	30	30
racnode2	PASSED	30	30

Verification Check : CSS reboottime parameter  
Verification Description : Checks if the CSS reboottime is set correctly on the system  
Verification Result : PASSED  
Verification Summary : Check for CSS reboottime parameter passed  
Additional Details : reboottime (default 3 seconds) is the amount of time allowed for a node to complete a reboot after the CSS daemon has been evicted.  
References (URLs/Notes) : <https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=294430.1>

Node	Status	Expected Value	Actual Value
racnode1	PASSED	3	3
racnode2	PASSED	3	3

Verification Check : CSS disktimeout parameter  
Verification Description : Checks if the CSS disktimeout is set correctly on the system  
Verification Result : PASSED  
Verification Summary : Check for CSS disktimeout parameter passed  
Additional Details : The maximum amount of time allowed for a voting file I/O to complete; if this time is exceeded the voting disk will be marked as offline. Note that this is also the amount of time that will be required for initial cluster formation, i.e. when no nodes have previously been up and in a cluster.  
References (URLs/Notes) : <https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=294430.1>

Node	Status	Expected Value	Actual Value
racnode1	PASSED	200	200
racnode2	PASSED	200	200