

Contrail Networking Alarm Parameters

Item	Alarm Name	Description	Steps to Resolve This Alarm
1	system-defined-disk-usage-high	Disk usage exceeds high threshold limit.	Corresponding disk is filled between 70%-90% capacity. Delete some files to create disk space.
2	system-defined-bgp-connectivity	BGP peer mismatch. Not enough BGP peers are up.	Total number of BGP peers is different from configured BGP peers.
3	system-defined-process-connectivity	Process(es) reporting as non-functional.	One or more processes have connections missing.
4	system-defined-package-version-mismatch	There is a mismatch between installed and running package version.	Package version for package mentioned in alarm is not matching with required version.
5	system-defined-xmpp-connectivity	XMPP peer mismatch.	Number of XMPP peers is different from configured XMPP peers.
6	system-defined-node-status	Node Failure. NodeStatus UVE not present.	NodeStatus UVE is not present or process is non-functional for this node. Check if process and nodemgr is up.
7	system-defined-partial-sysinfo	System Info incomplete.	build_info is not present in NodeStatus. Cause unknown at this time.
8	system-defined-address-mismatch-control	Control Node IP Address mismatch.	IP address of control node is different in config node and control node.
9	system-defined-core-files	A core file has been generated on the node.	There is some core file in the node.
10	system-defined-prouter-tsn-connectivity	Prouter connectivity to controlling TSN agent does not exist. Contrail	Check for OVSDDB connectivity status on the physical device. Debug for link failures between physical device or OVSDDB connection failure between the vrouter-agent and physical router.
11	system-defined-xmpp-close-reason	XMPP connection closed towards peer. Alarm has reason to close.	This alarm is deprecated.
12	system-defined-process-status	Process failure.	Check docker logs to understand the reason for process failure.
13	system-defined-address-mismatch-compute	Compute Node IP Address mismatch.	Compute IP provided in configuration file and that provided as part of creating (provisioning) vrouter-agent is different.
14	system-defined-bottle-request-size-limit	Bottle request size limit exceeded.	Request Size received by API server is too large. In most cases, this is resolved by increasing below variable at: /etc/contrail/contrail-api.conf in config api docker container. However, it is good practice to have this investigated as to why such a huge request is being sent to the Config API server. Variable: max_request_size
15	system-defined-pending-cassandra-compaction-tasks	Pending compaction tasks in Cassandra exceeded the configured threshold.	Generally insufficient disk space causes pending compaction. Check Cassandra system logs to understand the reason for pending compaction.
16	system-defined-vrouter-interface	Vrouter interface(s) down.	If forwarding and bridging is disabled or if health check has failed. Other reasons include no IP assignment or subnet assignment, admin state is down, parent interface is down or VLAN is down, oper state is down, or if config is missing. Resolve above items based on information from introspect page for interface.
17	system-defined-prouter-connectivity	Router connectivity to controlling TOR agent does not exist. Contrail	Check for OVSDDB connectivity status on the physical device. Debug for link failures between physical device or OVSDDB connection failure between the vrouter-agent and physical router.
18	system-defined-conf-incorrect	ContrailConfig missing or incorrect. Configuration pushed to Ifmap as	Config node did not send ContrailConfig for this node. This could be due to name mismatch between the node configured compared to actual node.

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19	system-defined-storage-cluster-state	Storage Cluster warnings or errors.	Since Contrail is not provisioning storage this alarm is not generated.
20	system-defined-disk-usage-critical	Disk usage exceeds critical threshold limit.	Corresponding disk is filled up > 90%. Delete some files to create disk space.