Plugfest Results Report
for Cisco 8101 & 8102 Platform!

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	Platform	Cisco 8101, 8102	
AI for Networks **Networks for AI**	Image	SONiC Software Version: SONiC.202305.0-dirty-20240730.052503	
	Total Testcases	288	
	Passed	283	
	Failed	5	

Testcase Id	Description	Result	Failure reason
Plugfest - Cisco Results	Verify L3 DROP ACL functionality with matching source IP and source port	PASSED	
test_acl_001	Verify L3 DROP ACL functionality with matching source IP and source port	PASSED	
test_acl_002	Verify L3 DROP ACL functionality with matching destination IP and destination port	PASSED	
test_acl_003	Verify L3 DROP ACL functionality with matching SIP, DIP, SPORT, DPORT	PASSED	
test_acl_004	Verify L3 DROP ACL with ACL rule having subnet mask	PASSED	
test_acl_005	Verify L3 DROP ACL - Test acl rule with protocol = TCP	PASSED	
test_acl_006	Verify L3 DROP ACL - Test acl rule with protocol = UDP	PASSED	
test_acl_007	Verify L3 PERMIT ACL functionality with matching source IP and source port	PASSED	
test_acl_008	Verify L3 PERMIT ACL functionality with matching destination IP and destination port	PASSED	
test_acl_009	Verify L3 PERMIT ACL functionality with matching SIP, DIP, SPORT, DPORT	PASSED	
test_acl_010	Verify L3 PERMIT ACL with ACL rule having subnet mask	PASSED	
test_acl_011	Verify L3 PERMIT ACL - Test acl rule with protocol = TCP	PASSED	
test_acl_012	Verify L3 PERMIT ACL - Test acl rule with protocol = UDP	PASSED	
test_syslog_004	Verify syslogs are generated properly on LACP UP/Down	PASSED	
test_vlan_014	Verify whether user can configure port as untagged member of a VLAN	PASSED	
test_vlan_016	Verify whether known unicast traffic is forwarded to the destination port-channel	PASSED	
test_lacp_003	Verify LACP member addition and removal	PASSED	
test_lacp_005	Verify LACP functionality across reboot	PASSED	
test_lacp_011	Verify LACP functionality after link failover/failback of physical interface	PASSED	
test_lacp_012	Verify LACP functionality after removal and addition of port-channel member	PASSED	
test_lldp_001	Enable LLDP globally and disable per-port basis	PASSED	
test_lldp_002	Verify that user can enable/disable LLDP globally	PASSED	
test_lldp_013	Verify LLDP neighbors are learnt properly with proper ChassisID, portID, system name, system	PASSED	
test_arp_003	Verify whether static ARP entry can be configured	PASSED	
test_arp_007	Verify that the DUT will respond to an ARP Request for the SVI interface	PASSED	
test_arp_011	Verify whether clear ARP entries works properly	PASSED	
test_arp_012	Verify whether ARP entries are flushed after some time	PASSED	
test_IP_001	Verify ip address can be configured in SVI.	PASSED	
test_IP_002	Verify ip address can be configured over routed port.	PASSED	
test_IP_005	Verify SVI and routed ports can be admin down or up	PASSED	
test_IP_006	Verify connected route gets created for the SVI subnet in the ip route table.	PASSED	
test_IP_011	Verify IP interface is operational for SVI with LACP portchannel members	PASSED	
test_IP_014	Verify ip address can be configured over routed PCH.	PASSED	
test_ping_001	Verify ping from SONIC SVI interface and routed port	PASSED	
test_ping_009	Verify that ping works properly with multiple parameter combination	PASSED	
test_ping_011	Verify that ping works properly when using LACP	PASSED	
test_ping_013	Verify that ping works over ECMP	PASSED	
test_ports_002	Verify physical port operational down/up	PASSED	
test_ports_005	Verify port configuration across reboot	FAILED	SONIC8K-17
test_ports_006	Verify Port Information for status, description and transceiver information	PASSED	
test_ports_008	Verify Port Multicast counters	PASSED	
test_ports_009_14	Verify Port Counters for framesize 128	PASSED	
test_ports_020	Verify Port transceiver information	PASSED	
test_ssh_001	Verify SSH from host to SONIC on management interface	PASSED	
test_ssh_002	Verify SSH from host to SVI interface and routed port	PASSED	
test_ssh_003	Verify whether the session is successfully closed right after SSH disconnect from the client.	PASSED	
test_bgp_netops_001	eBGP multi-AS config, adjacency, route convergence and data path using routed interface	PASSED	
test_bgp_netops_002	eBGP Multi-AS Route Convergence and data path using loopback	PASSED	
test_bgp_netops_003_004	Node drain by applying deny/permit route-maps to remove/restore spine node 1 and 2 using community list	PASSED	
test_bgp_netops_005_006	Link drain/restore by applying deny/permit route-map	PASSED	
test_bgp_netops_007	Node drain with IPv6 traffic	PASSED	
test_bgp_netops_008	Link drain with IPv6 traffic	PASSED	
test_bgp_netops_009	Node drain using prefix-lists	PASSED	
test_bgp_netops_010	Link drain using prefix-lists	PASSED	
test_bgp_netops_011_012	Node drain/restore using AS path prepend list	PASSED	
test_bgp_netops_014	Link drain using AS path prepend	PASSED	
test_bgp_001	Verify BGP AS configuration works properly	PASSED	
test_bgp_002	Verify BGP peering happens with nodes in same AS and iBGP neighbor table gets updated properly	PASSED	
test_bgp_003	Verify BGP peering happens with nodes in different AS and eBGP neighbor table gets updated properly	PASSED	
test_bgp_004	Verify BGP route learning using eBGP with routes injected from IXIA	PASSED	
test_bgp_005	Verify BGP route removal using eBGP with routes withdrawn from IXIA	PASSED	
test_bgp_006	Verify BGP route relearn over different neighbor when interface is shutdown	PASSED	
test_qual_bgp_001	Verify unnumbered functionality with iBGP	PASSED	
test_qual_bgp_002	Verify unnumbered functionality with eBGP	PASSED	
test_qual_bgp_003	Verify BGP route redistribution in DUT	PASSED	
test_qual_bgp_004	Verify BGP6 functionality	PASSED	
test_qual_bgp_007	Verify BGP AS-PATH prepend functionality	PASSED	
test_qual_bgp_008	Verify BGP route map match prefix list, access-list deny and permit functionality	PASSED	
test_qual_bgp_009	Verify BGP route map match AS-PATH permit and deny functionality	PASSED	
test_qual_bgp_010	Verify BGP route map match community list permit and deny functionality	PASSED	
test_qual_bgp_011	Verify BGP max MED functionality	PASSED	
test_qual_bgp_013	Verify BGP maximum prefix limit per peer functionality	PASSED	
test_qual_bgp_014	Verify BGP communities functionality	PASSED	
test_qual_bgp_015	Verify BGP regexp match single and multi AS permit & deny action using AS-path access lists	PASSED	
test_qual_bgp_016	Verify BGP regexp match any AS permit and deny action using AS-path access lists	PASSED	
test_qual_bgp_017	Verify BGP regexp match range of BGP communities functionality	PASSED	
test_qual_bgp_019	Verify BGP peering working with BGP listen range	PASSED	
test_qual_ipv6_neighbor	Verify IPV6 neighbor discovery	PASSED	
test_qual_vrf	Verify VRF functionality	PASSED	
test_bgp_dual_stack_scale_4k	BGP dual stack scale for 4K (IPv4+IPv6) prefix routes	PASSED	
test_bgp_dual_stack_scale_16k	BGP dual stack scale for 16K prefix routes	PASSED	
test_bgp_dual_stack_scale_32k	BGP dual stack scale for 32K prefix routes	PASSED	
test_bgp_dual_stack_scale_64k	BGP dual stack scale for 64K prefix routes	PASSED	
test_bgp_dual_stack_scale_128k	BGP dual stack scale for 128K prefix routes	PASSED	
test_bgp_host_route_dual_stack_32k	BGP dual stack scale with 32K host routes with traffic	PASSED	
test_bgp_host_route_dual_stack_64k	BGP dual stack scale with 64K host routes with traffic	PASSED	
test_bgp_host_route_dual_stack_128k	BGP dual stack scale with 128K host routes with traffic	PASSED	
test_bgp_lpm_route_dual_stack_scale_32k	BGP dual stack scale with 32K LPM routes with traffic	PASSED	
test_bgp_lpm_route_dual_stack_scale_64k	BGP dual stack scale with 64K LPM routes with traffic	PASSED	
test_bgp_lpm_route_dual_stack_scale_128k	BGP dual stack scale with 128K LPM routes with traffic	PASSED	
test_bgp_route_dual_stack_32k	BGP dual stack scale for 32K prefix routes (with 16 bit subnet mask for IPv4 and 64bit subnet mask for IPv6 routes) with traffic	PASSED	
test_bgp_graceful_restart_preserve_fw_state_32k	BGP graceful restart with dual stack scale to 32K prefix routes	PASSED	
test_bgp_graceful_restart_preserve_fw_state_64k	BGP graceful restart with dual stack scale to 64K prefix routes	PASSED	
test_bgp_graceful_restart_preserve_fw_state_128k	BGP graceful restart with dual stack scale to 128K prefix routes	PASSED	

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	Total Testcases	288	
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	Failed	5	
test_bgp_graceful_docker_restart_32k	BGP graceful restart with dual stack scale to 32K prefix routes and docker restart	**PASSED**	
test_bgp_graceful_docker_restart_64k	BGP graceful restart with dual stack scale to 64K prefix routes and docker restart	**PASSED**	
test_bgp_graceful_docker_restart_128k	BGP graceful restart with dual stack scale to 128K prefix routes and docker restart	**PASSED**	
test_bgp_graceful_feature_disable_enable_32k	BGP graceful restart with dual stack scale to 32K (IPv4+IPv6) prefix routes	**PASSED**	
test_bgp_kill_process_in_graceful_restart_32k	BGP graceful restart with dual stack scale to 32K prefix routes and kill bgp process	**PASSED**	
test_bgp_kill_process_in_graceful_restart_64k	BGP graceful restart with dual stack scale to 64K prefix routes and kill bgp process	**PASSED**	
test_bgp_kill_process_in_graceful_restart_128k	BGP graceful restart with dual stack scale to 128K prefix routes and kill bgp process	**PASSED**	
test_bgp_dual_stack_scale_intf_flap_160k	BGP interface flap with dual stack scale to 160k(IPv4+IPv6) prefix routes	**PASSED**	
test_bgp_dual_stack_scale_clear_bgp_160k	BGP session down and docker restart with dual stack scale to 160k(IPv4+IP6) prefix routes	**PASSED**	
test_bgp_dual_stack_convergence_withdrawal_160k	BGP interface flap with dual stack scale to 160K (IPv4+IPv6) prefix routes	**PASSED**	
test_bgp_dynamic_route_scale	Determine maximum supported routes on the platform	**PASSED**	
test_vlan_001	Verify whether user can create/delete VLAN	**PASSED**	
test_vlan_002	Verify whether user can add/modify/delete ports to the Vlan as	**PASSED**	
test_vlan_004	Verify whether user can configure switch port access mode for port	**PASSED**	
test_vlan_005	Verify whether user can configure trunk port configuration for VLAN	**PASSED**	
test_vlan_007	Verify that the user can configure port-channel interface as untagged VLAN member	**PASSED**	
test_vlan_008	Verify that the user can configure port-channel interface as tagged VLAN members	**PASSED**	
test_vlan_011	Warm Reboot - Device configuration impact for VLAN Config	**PASSED**	
test_qual_ip6_acl_001	Verify Drop ACL (IPv6) for matching source IPv6/L4 address and source IPv6L4 port	**PASSED**	
test_qual_ip6_acl_002	Verify Drop ACL (IPv6) for matching destination IPv6/L4 port and source IPv6L4 port	**PASSED**	
test_qual_ip6_acl_003	Verify drop ACL - matching IPv6 params subnet, dst, src ports combined	**PASSED**	
test_qual_ip6_acl_004	Verify PERMIT ACL (IPv6) for matching source IPv6/L4 address and source IPv6L4 port	**PASSED**	
test_qual_ip6_acl_005	Verify Permit ACL (IPv6) for matching destination IPv6/L4 port and source IPv6L4 port	**PASSED**	
test_qual_ip6_acl_006	Verify drop ACL - matching IPv6 params subnet, dst, src ports combined	**PASSED**	
test_snmp_config_trap_v1	Verify whether SNMP configurations are working correctly	**PASSED**	
test_snmp_config_trap_v2	Verify whether SNMP configurations are working correctly	**PASSED**	
test_snmp_config_trap_v3	Verify whether SNMP configurations are working correctly	**PASSED**	
test_snmp_commands	Verify SNMP Get/GetNext/Walk requests MIBS: ENTITY, IF-MIB, IP-MIB,	**PASSED**	
test_config_load	Verify Config load for incremental configuration	**PASSED**	
test_front_panel_ports_ipv6	Verify IPv6 address configuration on Front Panel (Data) ports	**PASSED**	
test_cfg_backup_restore	Verify config reload to restore configuration	**PASSED**	
test_timezone_001	Verify timezone can be manually configured.	**PASSED**	
test_port_span_001	Verify SPAN with source ports (and LAG) to the destination port in ingress/egress/both directions.	**PASSED**	
test_port_span_002	Verify ERSPAN by configuring a mirror with the list of source ports/LAG to destination IP in ingress/egress/both directions	**FAILED**	SONIC8K-4
test_port_span_003	Verify ERSPAN by configuring a mirror from ACL match to destination IP in ingress directions	**PASSED**	
test_tacacs_001	Verify Tacacs+ with AAA authentication	**PASSED**	
test_ntp_007	Verify NTP server works as clock source correctly	**PASSED**	
test_ports_fec_001	Verify FEC Configuration for RS and None	**PASSED**	
test_ports_mtu_002	Verify MTU functionality for Jumboframe packets	**PASSED**	
test_ports_counters	Verify Port Counters for framesize 1518, 9216	**PASSED**	
test_mtu_001	Verifying IPv4 (1518) MTU	**PASSED**	
test_10_secondary_subnet_under_vlan	10 secondary subnets under a VLAN	**PASSED**	
test_20_secondary_subnet_under_vlan	20 secondary subnets under a VLAN	**PASSED**	
test_max_secondary_subnet_under_vlan	<MAX_SECONDARY_SUBNET> secondary subnets under a VLAN	**PASSED**	
test_v4_host_routes_scale_2k	IPv4 host routes scale to 2K routes	**PASSED**	
test_v4_host_routes_scale_4k	IPv4 host routes scale to 4K routes	**PASSED**	
test_v4_host_routes_scale_64k	IPv4 host routes scale to 64K routes	**PASSED**	
test_v4_host_routes_scale_max_supported	IPv4 host routes scale to maximum supported routes (MAX_IPV4_HOST_ROUTES)	**PASSED**	
test_v6_host_routes_scale_2k	IPv6 host routes scale to 2K routes (eBGP)	**PASSED**	
test_v6_host_routes_scale_4k	IPv6 host routes scale to 4K routes (eBGP)	**PASSED**	
test_v6_host_routes_scale_32k	IPv6 host routes scale to 32k route (eBGP)	**PASSED**	
test_v6_host_routes_scale_64k	IPv6 host routes scale to 64K routes (eBGP)	**FAILED**	SONIC8K-15
test_v6_host_routes_scale_max_supported	IPv6 host routes scale to maximum supported routes (MAX_IPV6_HOST_ROUTES)	**FAILED**	SONIC8K-15
test_v4_prefix_routes_scale_2k	IPv4 prefix routes scale to 2k routes	**PASSED**	
test_v4_prefix_routes_scale_4k	IPv4 prefix routes scale to 4k routes	**PASSED**	
test_v4_prefix_routes_scale_64k	IPv4 prefix routes scale to 64k routes	**PASSED**	
test_v4_prefix_routes_scale_max_supported	IPv4 prefix routes scale to maximum supported routes (MAX_IPV4_PREFIX_ROUTES)	**PASSED**	
test_v4_nexthops_scale_512	64 IPv4 nexthops with 512 routes	**PASSED**	
test_v4_nexthops_scale_1024	64 IPv4 nexthops with 1024 routes	**PASSED**	
test_v4_nexthops_scale_max_supported	64 IPv4 nexthops with <MAX_IPV4_NEXTHOPS> routes	**PASSED**	
test_qual_scale_007	IPv6 scale to 64 next hops and 64K IPv6 routes	**PASSED**	
test_qual_scale_011	Scale up to two syslog servers	**PASSED**	
test_v4_acl_scale_128	128 IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_v4_acl_scale_256	256 IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_v4_acl_scale_512	512 IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_v4_acl_scale_max_supported	Maximum supported (MAX_V4_ACL) IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_qual_v6_acl_scale_128	128 IPv6 ACL rules (denying source IPv6/port and destination IPv6/port)	**PASSED**	
test_qual_v6_acl_scale_256	256 IPv6 ACL rules (denying source IPv6/port and destination IPv6/port)	**PASSED**	
test_qual_v6_acl_scale_512	512 IPv6 ACL rules (denying source IPv6/port and destination IPv6/port)	**PASSED**	
test_qual_v6_acl_scale_max_supported	Maximum supported (MAX_V6_ACL) IPv6 ACL rules (denying source IPv6/port and destination IPv6/port)	**PASSED**	
test_ingress_v4_acl_scale_128	128 IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_ingress_v4_acl_scale_256	256 IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_ingress_v4_acl_scale_512	512 IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_ingress_v4_acl_scale_max_supported	Maximum supported (MAX_V4_ACL) IPv4 ACL rules (matching source IP/port and destination IP/port)	**PASSED**	
test_ipv6_l3_prefix_routes_scale_4k	Scalability to 4K IPv6 prefix routes with traffic	**PASSED**	
test_ipv6_l3_prefix_routes_scale_64k	Scalability to 64K IPv6 prefix routes with traffic.	**PASSED**	
test_ipv6_l3_prefix_routes_scale_128k	Scalability to 128K IPv6 prefix routes with traffic	**PASSED**	
test_v6_host_routes_scale_ibgp_2k	IPv6 host routes scale to 2k route (iBGP)	**PASSED**	
test_v6_host_routes_scale_ibgp_32k	IPv6 host routes scale to 32k route (iBGP)	**PASSED**	
test_v6_host_routes_scale_ibgp_4k	IPv6 host routes scale to 4k route (iBGP)	**PASSED**	
test_dualstack_2_ecmp_4k_routes	Scalability to 2 ECMP paths and 4K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_4_ecmp_8k_routes	Scalability to 4 ECMP paths and 8K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_8_ecmp_16k_routes	Scalability to 8 ECMP paths and 16K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_16_ecmp_32k_routes	Scalability to 16 ECMP paths and 32K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_32_ecmp_64k_routes	Scalability to 32 ECMP paths and 64K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_ecmp_routes_dut_int_flap	Shut/no shut interface between devices with 8 ECMP and 16K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_ecmp_routes_clear_bgp	Clear BGP sessions with 8 ECMP and 16K (IPv4 + IPv6) routes	**PASSED**	
test_dualstack_ecmp_routes_host_int_flap	Clear BGP sessions with 8 ECMP and 16K (IPv4 + IPv6) routes	**PASSED**	
test_ecmp_dualstack_warm_reboot	Scalability up to 8 ECMP paths and 16K (IPv4 + IPv6) routes with support for warm reboot	**FAILED**	SONIC8K-71
test_dualstack_ipv4_neighbors	Advertise IPv4 and IPv6 routes over IPv4 neighbors	**PASSED**	
test_dualstack_ecmp_ibgp	Scalability to 8 ECMP paths and 16K iBGP (IPv4 + IPv6) routes	**PASSED**	
test_dscp_0_tc_0	Apply QoS with Differentiated Services Code Point (DSCP-0) to Traffic Class (TC-0) mapping	**PASSED**	
test_dscp_8_tc_1	Apply QoS with Differentiated Services Code Point (DSCP-8) to Traffic Class (TC-1) mapping	**PASSED**	
test_dscp_16_tc_2	Apply QoS with Differentiated Services Code Point (DSCP-16) to Traffic Class (TC-2)mapping	**PASSED**	
test_dscp_24_tc_3	Apply QoS with Differentiated Services Code Point (DSCP-24) to Traffic Class (TC-3) mapping	**PASSED**	
test_dscp_32_tc_4	Apply QoS with Differentiated Services Code Point (DSCP-32) to Traffic Class (TC-4) mapping	**PASSED**	

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test_dscp_40_tc_5	Apply QoS with Differentiated Services Code Point (DSCP-40) to Traffic Class (TC-5) mapping	PASSED
test_dscp_48_tc_6	Apply QoS with Differentiated Services Code Point (DSCP-48) to Traffic Class (TC-6) mapping	PASSED
test_dscp_56_tc_7	Apply QoS with Differentiated Services Code Point (DSCP-56) to Traffic Class (TC-7) mapping	PASSED
test_qos_dwrr_happy_baseline	QoS DWRR scheduling algorithm with the default configuration	PASSED
test_platform_003	Verify Platform CPU and Process Status	PASSED
test_platform_004	Verify Platform PSU	PASSED
test_platform_005	Verify Platform Techsupport	PASSED
test_platform_001	Verify Platform Information	PASSED
test_platform_002	Verify Platform Health Status	PASSED
test_snmp_walk_inf_admin_oper	Verify that SONiC interface admin and oper status info can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_inf_index	Verify that SONiC interface index information can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_inf_type	Verify that SONiC interface type info can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_ip_inf_index_and_netmask	Verify that SONiC IP interface index and netmask info can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_ip_to_mac	Verify that IP to MAC info. can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_inf_name	Verify that SONiC interface name information can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_version_serial	Verify that SONiC Version and serial information can be retrieved via SNMP_WALK command	PASSED
test_snmp_walk_vlan_tagged_ports	Verify that tagged ports vlan id can be retrieved using the SNMP_WALK command	PASSED
test_snmp_walk_vlan_untagged_ports	Verify that untagged ports vlan id can be retrieved using the SNMP_WALK command	PASSED
test_snmp_walk_ip_routing_info	Verify that routing information can be retrieved via SNMP_WALK command	PASSED
test_bgp_default_route	Default route with bgp advertise routes	PASSED
test_bgp_dual_stack_stress_16k	Stress device CPU and memory with 16K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_dual_stack_stress_32k	Stress device CPU and memory with 32K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_dual_stack_stress_64k	Stress device CPU and memory with 64K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_dual_stack_stress_128k	Stress device CPU and memory with 128K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_host_route_dual_stack_stress_32k	Stress device CPU and memory with 32K (IPv4 + IPv6) host routes	PASSED
test_bgp_host_route_dual_stack_stress_64k	Stress device CPU and memory with 64K (IPv4 + IPv6) host routes	PASSED
test_bgp_host_route_dual_stack_stress_128k	Stress device CPU and memory with 128K (IPv4 + IPv6) host routes	PASSED
test_bgp_lpm_route_dual_stack_stress_32k	Stress device CPU and memory with 32K (IPv4 + IPv6) LPM routes	PASSED
test_bgp_lpm_route_dual_stack_stress_64k	Stress device CPU and memory with 64K (IPv4 + IPv6) LPM routes	PASSED
test_bgp_lpm_route_dual_stack_stress_128k	Stress device CPU and memory with 128K (IPv4 + IPv6) LPM routes	PASSED
test_bgp_max_med_timer	Configure max-med and verify bgp attribute	PASSED
test_bgp_dual_stack_stress_16k	Stress device CPU and memory with 16K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_dual_stack_stress_32k	Stress device CPU and memory with 32K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_dual_stack_stress_64k	Stress device CPU and memory with 64K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_dual_stack_stress_128k	Stress device CPU and memory with 128K (IPv4 + IPv6) prefix routes	PASSED
test_bgp_host_route_dual_stack_stress_32k	Stress device CPU and memory with 32K (IPv4 + IPv6) host routes	PASSED
test_bgp_host_route_dual_stack_stress_64k	Stress device CPU and memory with 64K (IPv4 + IPv6) host routes	PASSED
test_bgp_host_route_dual_stack_stress_128k	Stress device CPU and memory with 128K (IPv4 + IPv6) host routes	PASSED
test_bgp_lpm_route_dual_stack_stress_32k	Stress device CPU and memory with 32K (IPv4 + IPv6) LPM routes	PASSED
test_bgp_lpm_route_dual_stack_stress_64k	Stress device CPU and memory with 64K (IPv4 + IPv6) LPM routes	PASSED
test_bgp_lpm_route_dual_stack_stress_128k	Stress device CPU and memory with 128K (IPv4 + IPv6) LPM routes	PASSED
test_deploy_verify_base_config	Verify Chaos Base configuration	PASSED
test_deploy_spine_failure_insertion_impact_2k	Spine failure and re-insertion with 2K routes	PASSED
test_deploy_spine_failure_insertion_impact_8k	Spine failure and re-insertion with 8K routes	PASSED
test_deploy_spine_failure_insertion_impact_16k	Spine failure and re-insertion with 16K routes	PASSED
test_deploy_spine_failure_insertion_impact_32k	Spine failure and re-insertion with 32K routes	PASSED
test_deploy_spine_failure_insertion_impact_64k	Spine failure and re-insertion with 64K routes	PASSED
test_deploy_spine_failure_link_impact_2k	Leaf-Spine link failure and re-insertion with 2K routes	PASSED
test_deploy_spine_failure_link_impact_8k	Leaf-Spine link failure and re-insertion with 8K routes	PASSED
test_deploy_spine_failure_link_impact_16k	Leaf-Spine link failure and re-insertion with 16K routes	PASSED
test_deploy_spine_failure_link_impact_32k	Leaf-Spine link failure and re-insertion with 32K routes.	PASSED
test_deploy_spine_failure_link_impact_64k	Leaf-Spine link failure and re-insertion with 64K routes.	PASSED
test_deploy_spine_warmreboot_impact_2k	Warm reboot with traffic and 2K Routes	PASSED
test_deploy_spine_warmreboot_impact_8k	Warm reboot with traffic and 8K Routes	PASSED
test_deploy_spine_warmreboot_impact_16k	Warm reboot with traffic and 16K Routes	PASSED
test_deploy_spine_warmreboot_impact_32k	Warm reboot with traffic and 32K Routes	PASSED
test_deploy_spine_warmreboot_impact_64k	Warm reboot with traffic and 64K Routes	PASSED
test_chaos_route_scaling_time_frr_2k	Verify Route Scaling time on FRR restart without traffic for 2K routes	PASSED
test_chaos_route_scaling_time_frr_8k	Verify Route Scaling time on FRR restart without traffic for 8K routes	PASSED
test_chaos_route_scaling_time_frr_16k	Verify Route Scaling time on FRR restart without traffic for 16K routes	PASSED
test_chaos_route_scaling_time_frr_32k	Verify Route Scaling time on FRR restart without traffic for 32K routes	PASSED
test_chaos_route_scaling_time_frr_64k	Verify Route Scaling time on FRR restart without traffic for 64K routes	PASSED
test_chaos_route_scaling_time_frr_traffic_2k	Verify Verify Route Scaling time on FRR restart with traffic for 2K routes	PASSED
test_chaos_route_scaling_time_frr_traffic_8k	Verify Route Scaling time on FRR restart with traffic for 8K routes	PASSED
test_chaos_route_scaling_time_frr_traffic_16k	Verify Route Scaling time on FRR restart with traffic for 16K routes	PASSED
test_chaos_route_scaling_time_frr_traffic_32k	Verify Route Scaling time on FRR restart with traffic for 32K routes	PASSED
test_chaos_route_scaling_time_frr_traffic_64k	Verify Route Scaling time on FRR restart with traffic for 64K routes	PASSED
test_chaos_route_scaling_time_syncd_2k	Verify Route Scaling time on syncd restart without traffic for 2K routes	PASSED
test_chaos_route_scaling_time_syncd_8k	Verify Route Scaling time on syncd restart without traffic for 8K routes	PASSED
test_chaos_route_scaling_time_syncd_16k	Verify Route Scaling time on syncd restart without traffic for 16K routes	PASSED
test_chaos_route_scaling_time_syncd_32k	Verify Route Scaling time on syncd restart without traffic for 32K routes	PASSED
test_chaos_route_scaling_time_syncd_64k	Verify Route Scaling time on syncd restart without traffic for 64K routes	PASSED
test_chaos_route_scaling_time_syncd_traffic_2k	Verify Route Scaling time on syncd restart with traffic for 2K routes	PASSED
test_chaos_route_scaling_time_syncd_traffic_8k	Verify Route Scaling time on syncd restart with traffic for 8K routes	PASSED
test_chaos_route_scaling_time_syncd_traffic_16k	Verify Route Scaling time on syncd restart with traffic for 16K routes	PASSED
test_chaos_route_scaling_time_syncd_traffic_32k	Verify Route Scaling time on syncd restart with traffic for 32K routes	PASSED
test_chaos_route_scaling_time_syncd_traffic_64k	Verify Route Scaling time on syncd restart with traffic for 64K routes	PASSED
test_chaos_continuous_reboot	Verify stabilty with Continuous DUT reboot	PASSED
test_deploy_impact_lacp_unconfig_2k	LACP config/unconfig impact with 2K routes	PASSED
test_deploy_impact_lacp_unconfig_8k	LACP config/unconfig impact with 8K routes	PASSED
test_deploy_impact_lacp_unconfig_16k	LACP config/unconfig impact with 16K routes	PASSED
test_deploy_impact_lacp_unconfig_32k	LACP config/unconfig impact with 32K routes	PASSED
test_deploy_impact_lacp_unconfig_64k	LACP config/unconfig impact with 64K routes	PASSED
test_chaos_high_kernel_cpu_utilization	Verify Stability with high Kernel CPU and observe its impact on the docker containers	PASSED
test_chaos_route_scaling_time_orchagent_2k	Verfiy Route Scaling time on orchagent restart without traffic. 2K routes	PASSED
test_chaos_route_scaling_time_orchagent_8k	Verfiy Route Scaling time on orchagent restart without traffic. 8K routes	PASSED
test_chaos_route_scaling_time_orchagent_16k	Verfiy Route Scaling time on orchagent restart without traffic. 16K routes	PASSED
test_chaos_route_scaling_time_orchagent_32k	Verify Route Scaling time on orchagent restart without traffic. 32K routes	PASSED
test_chaos_route_scaling_time_orchagent_64k	Verify Route Scaling time on orchagent restart without traffic. 64K routes	PASSED
test_chaos_route_scaling_time_orchagent_traffic_2k	Verify Route Scaling time on orchagent restart with traffic with 2k routes	PASSED
test_chaos_route_scaling_time_orchagent_traffic_8k	Verify Route Scaling time on orchagent restart with traffic with 8k routes	PASSED
test_chaos_route_scaling_time_orchagent_traffic_16k	Verify Route Scaling time on orchagent restart with traffic with 16k routes	PASSED
test_chaos_route_scaling_time_orchagent_traffic_32k	Verify Route Scaling time on orchagent restart with traffic with 32k routes	PASSED
test_chaos_route_scaling_time_orchagent_traffic_64k	Verify Route Scaling time on orchagent restart with traffic with 64K routes	PASSED
test_deploy_longevity_2k	Continuous route push and withdrawal with traffic and 2K routes	PASSED
test_deploy_longevity_8k	Continuous route push and withdrawal with traffic and 8K routes	PASSED

AI for Networks Networks for AI	Platform	Cisco 8101, 8102	
	Image	SONiC Software Version: SONiC.202305.0-dirty-20240730.052503	
	Total Testcases	288	
	Passed	283	
	Failed	5	
test_deploy_longevity_16k	Continuous route push and withdrawal with traffic and 16K routes	**PASSED**	
test_deploy_longevity_32k	Continuous route push and withdrawal with traffic and 32K routes	**PASSED**	
test_deploy_longevity_64k	Continuous route push and withdrawal with traffic and 64K routes	**PASSED**	