

## SUMMARY

API	Internal function	External function
<b>VM_disk.py</b>	1) create_extra_disk_image	1) get_extra_disk_location 2) attach_disk 3) serve_extra_disk_request 4) attach_extra_disk
<b>VM_network.py</b>	1) get_private_ip_mac 2) choose_mac_ip	1) get_private_ip_mac 2) choose_mac_ip 3) choose_mac_ip_vncport 4) set_portgroup_in_vm
<b>VM_utilization.py</b>	1) get_dom_mem_usage 2) get_dom_nw_usage 3) get_dom_disk_usage 4) get_current_dom_resource_usage	1) get_actual_usage
<b>VM_snapshot.py</b>	1) vm_has_snapshots 2) delete_snapshot	1) snapshot 2) revert 3) delete_snapshot
<b>VM_migration.py</b>	1) migrate_domain_with_snapshots 2) clean_migration_directory 3) undo_migration	1) migrate_domain 2) migrate 3) migrate_clone_to_new_host
<b>VM_security_domain.py</b>		1) update_security_domain
<b>VM_clone.py</b>	1) get_clone_properties	1) clone
<b>VM_helper.py</b>	1) allocate_vm_properties 2) create_vm_image 3) get_install_command 4) launch_vm_on_host 5) check_if_vm_defined 6) free_vm_properties 7) update_db_after_vm_installation 8)	1) choose_datastore 2) generate_xml 3) launch_vm_on_host 4) free_vm_properties 5) update_db_after_vm_installation 6) install

	clean_up_database_after_vm_deletion 9) get_vm_image_location	7) start 8) suspend 9) resume 10) destroy 11) delete 12) edit_vm_config 13) get_vm_image_location 14) launch_existing_vm_image
<b>vm_rrd.py</b>		1) update_vm_rrd
<b>API</b>	<b>Internal function</b>	<b>External function</b>
<b>host_power.py</b>	1) host_power_operation 2) host_power_up	1) host_power_up 2) host_power_down
<b>host_resource_details.py</b>		1) get_host_cpu 2) get_host_ram 3) get_host_hdd
<b>host_utilization.py</b>	1) get_host_cpu_usage 2) get_host_disk_usage 3) get_host_mem_usage 4) get_host_nw_usage	1) get_host_resources_usage
<b>host_vms.py</b>		1) respawn_dangling_vms 2) has_running_vm 3) delete_orphan_vm 4) migrate_all_vms_from_host
<b>host_helper.py</b>	1) host_resources_used 2) check_host_status 3) check_host_service_status	1) find_new_host 2) host_resources_used 3) check_host_status 4) is_host_available 5) get_host_mac_address 6) get_host_type 7) host_status_sanity_check 8) get_host_domains 9) add_migrate_task_to_queue 10) get_active_hosts

<b>host_networking_graph.py</b>	1) get_latency_btw_hosts 2) get_bandwidth_of_host 3) get_throughput_btw_hosts 4) generate_axis 5) check_sublist 6) node_attribute 7) edge_attribute	1) collect_data_from_host
<b>host_rrd.py</b>		1) update_host_rrd
<b>helper.py</b>	1) get_context_path 2) get_config_file 3) get_datetime	1) get_context_path 2) get_constant 3) update_constant 4) execute_remote_cmd 5) execute_remote_bulk_cmd 6) log_exception
<b>API</b>	<b>Internal function</b>	<b>External function</b>
<b>network_helper.py</b>	1) is_valid_ipv4 2) create_dhcp_bulk_entry	1) is_valid_ipv4 2) validate_ip_range 3) get_ips_in_range 4) generate_random_mac 5) create_dhcp_bulk_entry 6) remove_dhcp_entry 7) is_pingable
<b>nat_mapper.py</b>	1) get_nat_details 2) get_ip_tables_command 3) get_interfaces_command 4) create_mapping 5) remove_mapping	1) create_mapping 2) remove_mapping 3) clear_all_timedout_vnc_mappings 4) create_vnc_mapping_in_nat 5) create_public_ip_mapping_in_nat 6) remove_vnc_mapping_from_nat

		7) remove_public_ip_mapping_fro m_nat 8) ) clear_all_nat_mappings
<b>maintenance.py</b>	1) snapshot_and_destroy 2) revert_and_resume	1) shutdown_baadal 2) shutdown_host 3) bootup_baadal 4) bootup_host
<b>rrd_graph.py</b>	1) get_rrd_file 2) create_graph	1) get_rrd_file 2) get_performance_graph 3) fetch_rrd_data 4) create_rrd 5) update_rrd
<b>auth_user.py</b>	1) register_callback 2) fetch_user_role 3) fetch_ldap_user 4) create_or_update_user 5) add_or_update_user_memberships 6) add_membership_db	1) login_callback 2) login_ldap_callback 3) fetch_ldap_user 4) create_or_update_user 5) is_auth_type_db