



AMI Tools		Image Tools	Key Pair Tools
<p>ec2-bundle-image Creates a bundled AMI from an operating system image created in a loopback file. ec2-bundle-image -k <i>private_key</i> -c <i>ec2_cert</i> -u <i>user_id</i> -i <i>image_path</i> -r {i386 x86_64} [-d <i>destination</i>] [-p <i>ami_prefix</i>] [--batch] [--kernel <i>kernel-id</i>] [--ramdisk <i>ramdisk_id</i>] [--block-device-mapping <i>block_device_mapping</i>]</p>	<p>ec2-migrate-bundle Copies a bundled AMI from one region to another. ec2-migrate-bundle -k <i>private_key</i> -c <i>ec2_cert</i> -a <i>access_key_id</i> -s <i>secret_key</i> --bucket <i>source_s3_bucket</i> --destination-bucket <i>destination_s3_bucket</i> --manifest <i>manifest_path</i> --location {US EU} --ec2cert <i>ec2_cert_path</i> [--kernel <i>kernel-id</i>] [--ramdisk <i>ramdisk_id</i>] [--mapping-file <i>mapping_file</i> --mapping-url <i>mapping_url</i> --no-mapping} --region <i>mapping_region_name</i></p>	<p>ec2-register Registers the AMI specified in the manifest file and generate a new AMI ID. ec2-register <i>manifest</i></p>	<p>ec2-add-keypair Creates a new 2048 bit RSA key pair with the specified name. ec2-add-keypair <i>key</i></p>
<p>ec2-bundle-vol Creates a bundled AMI by compressing, encrypting and signing a snapshot of the local machine's root file system. ec2-bundle-vol -k <i>private_key</i> -u <i>user_id</i> -c <i>ec2_cert</i> -r {i386 x86_64} [-s <i>size</i>] [-d <i>destination</i>] [-e <i>exclude_directory_1,exclude_directory_1,...</i>] [-p <i>ami_prefix</i>] [-v <i>volume</i>] [--ec2cert <i>ami_path</i>] [--fstab <i>fstab_path</i>] [--generate-fstab] [--kernel <i>kernel-id</i>] [--ramdisk <i>ramdisk_id</i>] [--block-device-mapping <i>block_device_mapping</i>] [-b, --batch]</p>	<p>ec2-migrate-manifest Modifies a bundled AMI to work in a new region. ec2-migrate-manifest -k <i>private_key</i> --ec2cert <i>ec2_cert_path</i> [--kernel <i>kernel-id</i>] [--ramdisk <i>ramdisk_id</i>] [--mapping-file <i>mapping_file</i> --mapping-url <i>mapping_url</i> --no-mapping} --region <i>mapping_region_name</i></p>	<p>ec2-deregister Deregisters the specified AMI. Once deregistered, the AMI cannot be used to launch new instances. ec2-deregister <i>ami_id</i></p>	<p>ec2-describe-keypairs Describes the current state of each specified key. If no keys are specified, all of your keys are returned. ec2-describe-keypairs [<i>key_id</i> ...]</p>
	<p>Instance Tools</p>	<p>Image Attribute Tools</p>	<p>ec2-delete-keypair Deletes the specified key pair by removing the public key from Amazon EC2. ec2-delete-keypair <i>key_pair</i></p>
<p>ec2-run-instances Launches one or more instances of the specified AMI. ec2-run-instances <i>ami_id</i> [-n <i>instance_count</i>] [-g <i>group</i> [-g <i>group</i> ...]] [-k <i>keyname</i>] [-d <i>user_data</i> -f <i>user_data_file</i>] [--addressing <i>addressing_type</i>] [--instance-type <i>instance_type</i>] [--availability-zone <i>zone</i>] [--kernel <i>kernel_id</i>] [--ramdisk <i>ramdisk_id</i>] [--block-device-mapping <i>mapping</i>]</p>	<p>ec2-terminate-instances Terminates the specified instances. ec2-terminate-instances <i>instance_id</i> [<i>instance_id</i> ...]</p>	<p>ec2-modify-image-attribute Modifies an attribute for the specified AMI. ec2-modify-image-attribute <i>ami_id</i> -l (-a <i>item_value</i> -r <i>item_value</i>) ec2-modify-image-attribute <i>ami_id</i> -p <i>product_code</i> [-p <i>product_code</i>]</p>	<p>ec2-fingerprint-key Computes and displays the fingerprint for a private key produced by Amazon EC2. This operation is performed entirely on the client-side. Network access is not required. ec2-fingerprint-key <i>keyfile</i></p>
<p>ec2-upload-bundle Uploads a bundled AMI to Amazon S3 storage. ec2-upload-bundle -b <i>s3_bucket</i> -m <i>manifest</i> -a <i>access_key_id</i> -s <i>secret_key</i> [--acl <i>acl</i>] [--ec2cert <i>certificate</i>] [-d <i>directory</i>] [--part <i>part</i>] [--url <i>url</i>] [--retry] [--skipmanifest]</p>	<p>ec2-confirm-product-instance Returns a boolean indicating whether the specified product code is attached to the specified instance. If it is attached, It returns true. Otherwise, it returns false. ec2-confirm-product-instance <i>product_code</i> -i <i>instance_id</i></p>	<p>ec2-reset-image-attribute Resets an attribute for the specified AMI. The productCodes attribute cannot be reset. ec2-reset-image-attribute <i>ami_id</i> -l</p>	<p>Elastic IP Address Tools</p>
<p>ec2-download-bundle Downloads the specified bundles from S3 storage. ec2-download-bundle -b <i>s3_bucket</i> -m <i>manifest</i> -a <i>access_key_id</i> -s <i>secret_key</i> -k <i>private_key</i> [-p <i>ami_prefix</i>] [-d <i>directory</i>] [--url <i>url</i>]</p>	<p>ec2-describe-instances Describes the current state of the specified instance(s). If you do not specify instances, all your instances are included in the output. ec2-describe-instances [<i>instance_id availability-zone</i> ...]</p>	<p>ec2-describe-image-attribute Describes an attribute for the specified AMI. If no attributes are specified, all attributes are returned. ec2-describe-image-attribute <i>ami_id</i> (-l -p)</p>	<p>ec2-allocate-address Acquires an elastic IP address for use with your account. ec2-allocate-address</p>
<p>ec2-unbundle Recreates the AMI from the bundled AMI parts. ec2-unbundle -m <i>manifest</i> -k <i>private_key</i> [-d <i>destination_directory</i>] [-s <i>source_directory</i>]</p>		<p>Region and Availability Zone Tools</p>	<p>ec2-describe-addresses Lists elastic IP addresses assigned to your account. If no addresses are specified, all addresses are returned. ec2-describe-addresses [<i>public_ip</i> ...]</p>
<p>ec2-delete-bundle Deletes the specified bundle from Amazon S3 storage. ec2-delete-bundle -b <i>s3_bucket</i> -a <i>access_key_id</i> -s <i>secret_key</i> [-m <i>manifest_path</i>] [-p <i>ami_prefix</i>] [--url <i>url</i>] [--retry] [-y] [--clear]</p>		<p>ec2-describe-availability-zones Describes availability zones that are currently available to your account and their states. ec2-describe-availability-zones [<i>zone-name</i>...]</p> <p>Note: The ec2-run-instances and ec2-describe-instances commands also have availability zone options.</p>	<p>ec2-release-address Releases an elastic IP address associated with your account. ec2-release-address <i>ip_address</i></p>
		<p>ec2-describe-regions Describes regions that are currently available to the account. ec2-describe-regions [<i>region</i>...]</p>	<p>ec2-associate-address Associates an elastic IP address with an instance. If the IP address is currently assigned to another instance, the IP address is assigned from the old instance to the new instance. ec2-associate-address -i <i>instance_id</i> <i>ip_address</i></p>
			<p>ec2-disassociate-address Disassociates the specified elastic IP address from the instance to which it is assigned. ec2-disassociate-address <i>ip_address</i></p>



Amazon EBS Tools	Security Group Tools	Windows Tools	
ec2-create-volume Creates an Amazon EBS volume from a snapshot or an empty volume of a size you specify. ec2-create-volume [--size size --snapshot snapshot] --zone zone	ec2-add-group Creates a new security group. Group names must be unique per account. ec2-add-group group -d description	ec2-get-password Retrieves and decrypts the administrator password for the instances running Windows. ec2-get-password instanceId -k windows-keypair	
ec2-describe-volumes Lists specified Amazon EBS volumes that you own. If no volumes are specified, Amazon EBS lists all volumes that you own. ec2-describe-volumes [volume_id ...]	ec2-delete-group Deletes the specified security group. ec2-delete-group group	ec2-bundle-instance Bundles the Windows instance. ec2-bundle-instance instance -b bucket -p prefix -o access-key-id [-c policy -w secret-access-key] [options]	
ec2-delete-volume Deletes the specified Amazon EBS volume. ec2-delete-volume volume_id	ec2-describe-group Describes the current state of each specified security group. If no security groups are explicitly listed, Amazon EC2 displays all security groups owned by the current user. ec2-describe-group [group ...]	ec2-describe-bundle-tasks Lists and describes current bundle tasks. ec2-describe-bundle-tasks [bundle...]	
ec2-attach-volume Attaches an Amazon EBS volume to an instance and exposes it as the specified device. The volume and instance must be in the same availability zone. ec2-attach-volume volume_id --instance instance_id --device device	ec2-authorize Adds a rule to the specified security group. If no source host, group or subnet is provided, requests from any source address will be honored. ec2-authorize group [-P protocol] (-p port_range -t icmp_type_code) [-u source_group_user ...] [-o source_group ...] [-s source_subnet ...]	ec2-cancel-bundle-task Deletes the specified Windows bundle task. ec2-cancel-bundle-task bundle	
ec2-detach-volume Detaches an Amazon EBS volume from an instance. ec2-detach-volume volume_id [--instance instance_id [--device device]] [--force]	ec2-revoke Revokes a rule from the security group named GROUP. To identify the rule to be removed you must provide exactly the same set of options used to create that rule (see ec2-add-group). ec2-revoke group [-P protocol] (-p port_range -t icmp_type_code) [-u source_group_user ...] [-o source_group ...] [-s source_subnet ...]	Other Tools	
ec2-create-snapshot Creates a snapshot of the current state of an Amazon EBS volume and stores it in Amazon S3. ec2-create-snapshot volume_id		ec2-get-console-output Retrieves the console output that was displayed during startup for specified instance, if available, and displays it on stdout. In addition to standard startup information, the output includes the SSH host key fingerprints which you can use to verify the host to which you are connecting. ec2-get-console-output instance_id [-r]	
ec2-describe-snapshot Describes the status of one or more snapshots. If no snapshots are specified, Amazon EBS returns information on all snapshots owned by you. ec2-describe-snapshots [snapshot_id ...]			
ec2-delete-snapshot Deletes an Amazon EBS snapshot. ec2-delete-snapshot snapshot_id			