



AMI Tools	Image Tools	Instance Tools	Key Pair Tools
<p><b>ec2-bundle-image</b> Creates a bundled AMI from an operating system image created in a loopback file. <b>ec2-bundle-image</b> -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><b>ec2-register</b> Registers the AMI specified in the manifest file and generate a new AMI ID. <b>ec2-register</b> <i>manifest</i></p>	<p><b>ec2-run-instances</b> Launches one or more instances of the specified AMI. <b>ec2-run-instances</b> <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><b>ec2-add-keypair</b> Creates a new 2048 bit RSA key pair with the specified name. <b>ec2-add-keypair</b> <i>key</i></p>
<p><b>ec2-bundle-vol</b> Creates a bundled AMI by compressing, encrypting, and signing a snapshot of the local system's root file system. <b>ec2-bundle-vol</b> -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</i>,...] [-p <i>ami_prefix</i>] [-v <i>volume</i>] [--ec2cert <i>ami_path</i>] [-f <i>fstab_path</i>] [--generate-fstab] [--kernel <i>kernel-id</i>] [--ramdisk <i>ramdisk_id</i>] [--block-device-mapping <i>mapping</i>] [-b, --batch]</p>	<p><b>ec2-deregister</b> Deregisters the specified AMI. Once deregistered, the AMI cannot be used to launch new instances. <b>ec2-deregister</b> <i>ami_id</i></p>	<p><b>ec2-terminate-instances</b> Terminates the specified instances. <b>ec2-terminate-instances</b> <i>instance_id</i> [<i>instance_id</i> ...]</p>	<p><b>ec2-describe-keypairs</b> Describes the current state of each specified key. If no keys are specified, all of your keys are returned. <b>ec2-describe-keypairs</b> [<i>key_id</i> ...]</p>
<p><b>ec2-upload-bundle</b> Uploads a bundled AMI to Amazon S3 storage. <b>ec2-upload-bundle</b> -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><b>ec2-describe-images</b> Returns information about AMIs, AKIs, and ARIs. If no parameters are specified, information about all images is returned. <b>ec2-describe-images</b> [<i>ami_id</i> ...] [-all] [-o <i>owner</i> ...] [-x <i>user_id</i>]</p>	<p><b>ec2-confirm-product-instance</b> 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. <b>ec2-confirm-product-instance</b> <i>product_code</i> -i <i>instance_id</i></p>	<p><b>ec2-delete-keypair</b> Deletes the specified key pair by removing the public key from Amazon EC2. <b>ec2-delete-keypair</b> <i>key_pair</i></p>
<p><b>ec2-download-bundle</b> Downloads the specified bundles from S3 storage. <b>ec2-download-bundle</b> -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><b>ec2-migrate-image</b> Migrates an AMI from one region to another. <b>ec2-migrate-bundle</b> -k <i>private_key</i> -c <i>ec2_cert</i> -o <i>access_key_id</i> -w <i>secret_access_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><b>ec2-describe-instances</b> Describes the current state of the specified instance(s). If you do not specify instances, all your instances are included in the output. <b>ec2-describe-instances</b> [<i>instance_id availability-zone</i> ...]</p>	<p><b>ec2-fingerprint-key</b> 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. <b>ec2-fingerprint-key</b> <i>keyfile</i></p>
<p><b>ec2-unbundle</b> Recreates the AMI from the bundled AMI parts. <b>ec2-unbundle</b> -m <i>manifest</i> -k <i>private_key</i> [-d <i>destination_directory</i>] [-s <i>source_directory</i>]</p>	<p><b>Image Attribute Tools</b></p>	<p><b>Region and Availability Zone Tools</b></p>	<p><b>Elastic IP Address Tools</b></p>
<p><b>ec2-delete-bundle</b> Deletes the specified bundle from Amazon S3 storage. <b>ec2-delete-bundle</b> -b <i>s3_bucket</i> -a <i>access_key</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><b>ec2-modify-image-attribute</b> Modifies an attribute for the specified AMI. <b>ec2-modify-image-attribute</b> <i>ami_id</i> -l (-a <i>item_value</i>   -r <i>item_value</i>) <b>ec2-modify-image-attribute</b> <i>ami_id</i> -p <i>product_code</i> [-p <i>product_code</i>]</p>	<p><b>ec2-describe-availability-zones</b> Describes availability zones that are currently available to your account and their states. <b>ec2-describe-availability-zones</b> [<i>zone-name</i>...]</p> <p><b>Note:</b> The ec2-run-instances and ec2-describe-instances commands also have availability zone options.</p>	<p><b>ec2-allocate-address</b> Acquires an elastic IP address for use with your account. <b>ec2-allocate-address</b></p>
<p><b>ec2-migrate-manifest</b> Modifies a bundled AMI to work in a new region. <b>ec2-migrate-manifest</b> -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><b>ec2-reset-image-attribute</b> Resets an attribute for the specified AMI. The productCodes attribute cannot be reset. <b>ec2-reset-image-attribute</b> <i>ami_id</i> -l</p>	<p><b>ec2-describe-regions</b> Describes regions that are currently available to the account. <b>ec2-describe-regions</b> [<i>region</i>...]</p>	<p><b>ec2-describe-addresses</b> Lists elastic IP addresses assigned to your account. If no addresses are specified, all addresses are returned. <b>ec2-describe-addresses</b> [<i>public_ip</i> ...]</p>
	<p><b>ec2-describe-image-attribute</b> Describes an attribute for the specified AMI. If no attributes are specified, all attributes are returned. <b>ec2-describe-image-attribute</b> <i>ami_id</i> (-l   -p )</p>		<p><b>ec2-release-address</b> Releases an elastic IP address associated with your account. <b>ec2-release-address</b> <i>ip_address</i></p>
			<p><b>ec2-associate-address</b> 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. <b>ec2-associate-address</b> -i <i>instance_id</i> <i>ip_address</i></p>
			<p><b>ec2-disassociate-address</b> Disassociates the specified elastic IP address from the instance to which it is assigned. <b>ec2-disassociate-address</b> <i>ip_address</i></p>



Amazon EBS Tools	Security Group Tools	Windows Tools
<b>ec2-create-volume</b> Creates an Amazon EBS volume from a snapshot or an empty volume of a size you specify. <b>ec2-create-volume</b> [--size size   --snapshot snapshot] --zone zone	<b>ec2-add-group</b> Creates a new security group. Group names must be unique per account. <b>ec2-add-group</b> group -d description	<b>ec2-get-password</b> Retrieves and decrypts the administrator password for the instances running Windows. <b>ec2-get-password</b> instanceId -k windows-keypair
<b>ec2-describe-volumes</b> Lists specified Amazon EBS volumes that you own. If no volumes are specified, Amazon EBS lists all volumes that you own. <b>ec2-describe-volumes</b> [volume_id ...]	<b>ec2-delete-group</b> Deletes the specified security group. <b>ec2-delete-group</b> group	<b>ec2-bundle-instance</b> Bundles the Windows instance. <b>ec2-bundle-instance</b> instance -b bucket -p prefix -o access-key-id [-c policy   -w secret-access-key] [options]
<b>ec2-delete-volume</b> Deletes the specified Amazon EBS volume. <b>ec2-delete-volume</b> volume_id	<b>ec2-describe-group</b> 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. <b>ec2-describe-group</b> [group ...]	<b>ec2-describe-bundle-tasks</b> Lists and describes current bundle tasks. <b>ec2-describe-bundle-tasks</b> [bundle...]
<b>ec2-attach-volume</b> 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. <b>ec2-attach-volume</b> volume_id --instance instance_id --device device	<b>ec2-authorize</b> 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. <b>ec2-authorize</b> group [-P protocol] (-p port_range   -t icmp_type_code) [-u source_group_user ...] [-o source_group ...] [-s source_subnet ...]	<b>ec2-cancel-bundle-task</b> Deletes the specified Windows bundle task. <b>ec2-cancel-bundle-task</b> bundle
<b>ec2-detach-volume</b> Detaches an Amazon EBS volume from an instance. <b>ec2-detach-volume</b> volume_id [--instance instance_id [--device device]] [--force]	<b>ec2-revoke</b> 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). <b>ec2-revoke</b> group [-P protocol] (-p port_range   -t icmp_type_code) [-u source_group_user ...] [-o source_group ...] [-s source_subnet ...]	<b>Other Tools</b>
<b>ec2-create-snapshot</b> Creates a snapshot of the current state of an Amazon EBS volume and stores it in Amazon S3. <b>ec2-create-snapshot</b> volume_id		<b>ec2-get-console-output</b> 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. <b>ec2-get-console-output</b> instance_id [-r]
<b>ec2-describe-snapshot</b> Describes the status of one or more snapshots. If no snapshots are specified, Amazon EBS returns information on all snapshots owned by you. <b>ec2-describe-snapshots</b> [snapshot_id ...]		
<b>ec2-delete-snapshot</b> Deletes an Amazon EBS snapshot. <b>ec2-delete-snapshot</b> snapshot_id		