

## Instance Tools

### ec2-run-instances (ec2run)

Launches one or more instances of the specified AMI.  
**ec2-run-instances** *ami\_id* [-n *instance\_count*]  
 [-g *group* [-g *group* ...]] [-k *keypair*] [-d *user\_data* | -f *user\_data\_file*] [-t *instance\_type*] [-z *availability\_zone*] [--kernel *kernel\_id*] [--ramdisk *ramdisk\_id*] [-b *block-device-mapping*] [--monitor] [--disable-api-termination] [--instance-initiated-shutdown-behavior *behavior*] [--placement-group *placement\_group*] [--tenancy *tenancy*] [-s *subnet*] [--private-ip-address *ip\_address*]

### ec2-describe-instances (ec2din)

Lists the specified instances. If no instance is specified, all your instances are listed.  
**ec2-describe-instances** [*instance\_id* ...]  
 [[--filter *name=value*] ...]

### ec2-terminate-instances (ec2kill)

Terminates the specified instance.  
**ec2-terminate-instances** *instance\_id*  
 [*instance\_id* ...]

### ec2-start-instances (ec2start)

Starts a stopped instance (applies only to Amazon EBS-backed instances).  
**ec2-start-instances** *instance\_id* [*instance\_id* ...]

### ec2-describe-instance-attribute (ec2dinatt)

Describes an attribute for the specified instance.  
**ec2-describe-instance-attribute** *instance\_id* { -  
 -block-device-mapping | --disable-api-termination | --instance-initiated-shutdown-behavior | --instance-type | --kernel | --ramdisk | --root-device-name | --user-data }

### ec2-stop-instances (ec2stop)

Stops an instance (applies only to Amazon EBS-backed instances).  
**ec2-stop-instances** *instance\_id* [*instance\_id* ...]

### ec2-monitor-instances (ec2min)

Enables monitoring for the specified instance.  
**ec2-monitor-instances** *instance-id* [*instance\_id* ...]

### ec2-unmonitor-instances (ec2umin)

Disables monitoring for the specified instance(s).  
**ec2-monitor-instances** *instance-id* [*instance\_id* ...]

## EC2 Elastic IP Address Tools

### ec2-allocate-address (ec2allocaddr)

Acquires an EC2 Elastic IP address for use with your account.  
**ec2-allocate-address**

### ec2-describe-addresses (ec2daddr)

Lists both EC2 and VPC Elastic IP addresses assigned to your account.  
**ec2-describe-addresses** [*ip\_address* ...]

### ec2-release-address (ec2reladdr)

Releases an EC2 Elastic IP address associated with your account.  
**ec2-release-address** *ip\_address*

### ec2-associate-address (ec2assocaddr)

Associates an EC2 Elastic IP address with an instance. If the IP address is currently assigned to another instance, the IP address is reassigned to the specified instance.  
**ec2-associate-address** *ip\_address* -i *instance\_id*

### ec2-disassociate-address (ec2disaddr)

Disassociates the specified EC2 Elastic IP address from the instance to which it is assigned.  
**ec2-disassociate-address** *ip\_address*

## Amazon EBS Tools

### ec2-create-volume (ec2addvol)

Creates an Amazon EBS volume from a snapshot or an empty volume in the size you specify.  
**ec2-create-volume** -z *availability\_zone*  
 [-s *size* | --snapshot *snapshot*]

### ec2-describe-volumes (ec2dvol)

Lists the specified Amazon EBS volumes. If no volume is specified, all your volumes are listed.  
**ec2-describe-volumes** [*volume\_id* ...]  
 [[--filter *name=value*] ...]

### ec2-delete-volume (ec2delvol)

Deletes the specified Amazon EBS volume.  
**ec2-delete-volume** *volume\_id*

### ec2-attach-volume (ec2attvol)

Attaches an Amazon EBS volume to a running instance and exposes it as the specified device. The volume and instance must be in the same Availability Zone.  
**ec2-attach-volume** *volume\_id* -i *instance\_id*  
 -d *device*

### ec2-create-snapshot (ec2addsnap)

Creates a snapshot of an Amazon EBS volume and stores it in Amazon S3.  
**ec2-create-snapshot** *volume\_id*

### ec2-describe-snapshots (ec2dsnap)

Lists the specified snapshots. If no snapshot is specified, all your snapshots are listed.  
**ec2-describe-snapshots** [*snapshot\_id* ...]  
 [[--filter *name=value*] ...]

### ec2-delete-snapshot (ec2delsnap)

Deletes the specified Amazon EBS snapshot.  
**ec2-delete-snapshot** *snapshot\_id*

### ec2-detach-volume (ec2detvol)

Detaches an Amazon EBS volume from an instance.  
**ec2-detach-volume** *volume\_id* [-i *instance\_id* [-d *device*]] [--force]

Image Tools	Key Pair Tools	Tagging Tools
<p><b>ec2-describe-images (ec2dim)</b> Returns information about AMIs, AKIs, and ARIs. If no parameter is specified, information about all images for which you have launch permission is returned. <code>ec2-describe-images [ami_id ...] [--all] [-o owner ...] [-x user_id] [--filter name=value] ...]</code></p>	<p><b>ec2-create-keypair (ec2addkey)</b> Creates a new 2048-bit RSA key pair with the specified name. <code>ec2-create-keypair key_pair</code></p>	<p><b>ec2-create-tags (ec2addtag)</b> Adds or overwrites one or more tags for the specified resource or resources. Each tag consists of a key and an optional value. Tag keys must be unique per resource. <code>ec2-create-tags resource_id [resource_id ...] --tag key[=value] [--tag key[=value] ...]</code></p>
<p><b>ec2-create-image (ec2cim)</b> Creates an AMI that uses an Amazon EBS root device from a running or stopped Amazon EBS-backed instance. <code>ec2-create-image instance_id --name name [ --description description] [ --no-reboot]</code></p>	<p><b>ec2-describe-keypairs (ec2dkey)</b> Lists the specified key pairs. If no key pair is specified, all your key pairs are listed. <code>ec2-describe-keypairs [key_pair ...]</code></p>	<p><b>ec2-delete-tags (ec2deltag)</b> Removes a set of tags from a set of resources. The tag value is not required. <code>ec2-delete-tags resource_id [resource_id ...] --tag key[=value] [--tag key[=value] ...]</code></p>
<p><b>ec2-describe-image-attribute (ec2dimatt)</b> Describes an attribute for the specified AMI. <code>ec2-describe-image-attribute ami_id { --launch-permission   --product-code   --block-device-mapping   --kernel   --ramdisk }</code></p>	<p><b>ec2-delete-keypair (ec2delkey)</b> Deletes the specified key pair by removing the public key from Amazon EC2. <code>ec2-delete-keypair key_pair</code></p>	<p><b>ec2-describe-tags (ec2dtag)</b> Lists your tags. You can filter the list to return only tags you specify. <code>ec2-describe-tags [--filter name=value] ...]</code></p>
<p><b>ec2-register (ec2reg)</b> Registers the AMI specified in the manifest file and generates a new AMI ID. <code>ec2-register manifest</code></p>	<p><b>ec2-import-keypair (ec2ikey)</b> Imports the public key for a key pair. You keep the private key. The key pair works in all EC2 Regions. <code>ec2-import-keypair key_pair --public-key-file file</code></p>	
	EC2 Security Group Tools	Other Tools
	<p><b>ec2-create-group (ec2addgrp)</b> Creates a new EC2 security group. Group names must be unique per account. <code>ec2-create-group group_name -d description</code></p>	<p><b>ec2-get-console-output (ec2gcons)</b> Retrieves console output for the specified instance. <code>ec2-get-console-output instance_id [--raw-console-output]</code></p>
Availability Zone Tools		
<p><b>ec2-describe-availability-zones (ec2daz)</b> Lists Availability Zones that are currently available to your account. <code>ec2-describe-availability-zones [zone ...]</code></p>	<p><b>ec2-delete-group (ec2delgrp)</b> Deletes the specified EC2 security group. <code>ec2-delete-group ec2_group_name_or_id</code></p>	
Windows Tools		
<p><b>ec2-get-password (ec2gpass)</b> Retrieves and decrypts the administrator password for the specified Windows instance. <code>ec2-get-password instance_id -k key_pair</code></p>	<p><b>ec2-describe-group (ec2dgrp)</b> Lists your EC2 and VPC security groups. If no security group is specified, all your security groups are listed. <code>ec2-describe-group [ec2_group_name_or_id ...   vpc_group_id ...] [--filter name=value] ...]</code></p>	<p>This <i>Amazon Elastic Compute Cloud Quick Reference Card</i> contains commonly used commands and options. For complete reference information, see the Amazon EC2 Command Line Reference at <a href="http://aws.amazon.com/documentation/ec2/">http://aws.amazon.com/documentation/ec2/</a>.</p>
<p><b>ec2-bundle-instance (ec2bundle)</b> Bundles an Amazon S3-backed Windows instance. <code>ec2-bundle-instance instance_id -b bucket -p prefix -o access_key_id {-c policy   -s policy_signature   -w secret_access_key}</code></p>	<p><b>ec2-authorize (ec2auth)</b> Adds a rule to an EC2 security group. <code>ec2-authorize ec2_group_name_or_id [-P protocol] [-p port_range   -t icmp_type_code] [-u source_group_owner] [-o source_group ...] [-s source_cidr ...]</code></p>	